COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences is a community of scholars dedicated to the idea that educated people are the basis of a just and free society. The essences of education are a capacity for and an appreciation of social change within a context of prior human achievement. The faculty of the Arts and Sciences strive to instill in their students a history of human ideas, a sense of love for learning, and an understanding of the means that scholars have used in their search for beauty and order in the natural world.

The education provided by the disciplines of the Arts and Sciences is the foundation upon which the lives and professions of our students are built, and the basis from which personal growth occurs. The College of Arts and Sciences takes as its goal a melding of the natural, humanistic and social philosophies into a comprehensive whole that encourages the development of new ideas and new approaches to the understanding of our universe.

Great universities provide direction for their communities and service for their needs. The faculty of the Arts and Sciences as well as the staff, who support and encourage their work, explore their scholarly interests within the home and community created by the academic society. It is the responsibility of scholars to share their discoveries for the betterment of society. Thus, the Arts and Sciences embrace disciplines that strive to make immediate use of knowledge in the service of social goals as well as disciplines whose discoveries contribute to the fund of basic information that is the stepping stone of applied knowledge.

General Information

The College of Arts and Sciences Dean's Office is located in Cooper Hall (CPR), Room 107. For additional information about the College, visit our web site at http://www.cas.usf.edu. Information regarding advising, admission to the College, graduation requirements, special programs, and departments follows.

Community Initiative

Universities have become major actors in today's knowledge-based society. As such they can no longer remain secluded ivory towers, removed from the social problems that surround them. Recognizing this, the College of Arts and Sciences launched the Community Initiative, a new focus that identifies the community outside the university as an integral part of its educational mission to acquire, disseminate, and apply knowledge. The Community Initiative develops concrete and integrated efforts to link the teaching, research, and service components of our College with the interests and needs of residential, community-based organizations and businesses in the local area. Two major components of the Community Initiative are the Urban Studies Certificate Program and the Community Experiential Learning (CEL) Program. The Urban Studies Certificate gives students the opportunity to supplement their education and training with a focus on the urban world around them. Through the Community Experiential Learning (CEL) Program students can explore the relationship between their classroom learning and the broader community as they do community-based independent research or internships.

Undergraduate Advising Information

The Arts and Sciences Office of Graduate and Undergraduate Studies, located in the Behavioral Science Building (BEH), Room 201, handles all student-related academic matters. Students contemplating a major in Arts and Sciences or who have specific questions about a department/major should make an appointment with an advisor in their area of interest. For a list of advisors, consult "Advising Inquiries" on the College of Arts and Sciences web page http://www.cas.usf.edu.

Advising Offices

Tampa Campus: College of Arts and Sciences Office of Graduate and Undergraduate Studies, Behavioral Science Building (BEH), Room 201, (813) 974-6957.

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

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

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

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

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

Office Hours

The Arts and Sciences Office of Graduate and Undergraduate Studies is open 8 a.m. to 5 p.m. Monday through Friday. Academic advisors and major departments should be contacted directly to obtain information about office hours and appointment availability. Students are also encouraged to utilize the College's on-line advising information located at http://www.cas.usf.edu.

Undergraduate Admission to the College of Arts and Sciences

Admission to the College of Arts and Sciences is open to students who have been accepted to the University of South Florida and who declare a major in a particular field. Liberal Studies, Mass Communications, and Social Work are *limited access degree programs* and have additional requirements listed under "Departments and Programs." Although Communications and Biology 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 also available in the Arts and Sciences Office of Graduate and Undergraduate Studies (BEH 201) for continuing students. Students preparing for a science or mathematics career must plan their courses carefully because of the sequential nature of the science curricula, and students seeking entrance into a professional school or the medical technology internship program require specialized counseling. Therefore, immediate application for admission into the College is strongly recommended.

Information on admission criteria, departments, majors, programs, counseling and other services of the College may be obtained from the Office of Graduate and Undergraduate Studies (BEH 201), College of Arts and Sciences, University of South Florida, Tampa, Florida 33620 or visit our web site at http://www.cas.usf.edu.

General Requirements for B.A./B.S./B.S.W. Degree Within the College of Arts and Sciences

The College of Arts and Sciences offers three undergraduate degrees: Bachelor of Arts, Bachelor of Science, and Bachelor of Social Work. The Bachelor of Independent Studies is an external degree program in which the student proceeds at his/her own pace.

IT IS EACH STUDENT'S RESPONSIBILITY TO MEET GRADUATION REQUIREMENTS:

1. Complete at least 120 accepted semester hours, 124 for Mass Communications, with a USF cumulative gpa and an overall gpa of 2.000.
2. Maintain major gpa of 2.000. Note: In English and Mass Communications students must have a 2.500 major gpa; Social Work requires a 2.75 major gpa, and the Biology major with a concentration in Marine Biology requires a 3.0 major gpa.

3. Complete the Foreign Language Entrance Requirement if entering USF fall semester, 1987 or later. Students pursuing a B.A. degree must complete the Foreign Language Exit Requirement.
4. Students enrolling in a college in January, 1983 or after must satisfy State Rule 6A-10.30 (Gordon Rule) concerning computation and communications. Transfer students who enter the University of South Florida with 60 or more semester hours from a regionally accredited institution are considered to have met the communications portion of the Gordon Rule.
5. Complete Liberal Arts Requirements (for more information, see section titled "Liberal Arts Requirements.")
   General Education Requirements 36 hours credit:
   - Six (6) hours credit in English Composition
   - Six (6) hours credit in Quantitative Methods
   - Six (6) hours credit in Natural Sciences
   - Six (6) hours credit in Social Sciences
   - Six (6) hours credit in Historical Perspectives
   - Three (3) hours credit in Fine Arts
   - Three (3) hours credit in African, Latin American, Middle Eastern, or Asian Perspectives

   Exit Requirements 9 hours credit
   - Six (6) hours credit in Major Works and Major Issues
   - Three (3) hours credit in Literature and Writing
6. Elective Physical Education is limited to 2 semester hours.
7. ROTC is limited to 9 semester hours.
8. When double majoring a maximum of 2 courses or 8 hours may be used to satisfy requirements between majors.
9. Maximum of 20 hours of S/U option. S/U contracts must be negotiated in writing within the first three (3) weeks of the term. None of the 20 credits may be taken in the student's major unless S/U is the only grading option. English 1101 or 1102 may not be taken S/U.
10. The Audit option is available only during the first 5 days of classes; none permitted later.
11. Complete at least 9 semester hours during summer terms if entering USF with fewer than 60 semester hours.
12. "D" grades are not acceptable in the major and supporting sciences for all natural sciences majors. "D" grades are not acceptable for the major area in Communication, Communication Sciences and Disorders, English, History, Humanities, Mass Communications, Psychology, Social Work, and Sociology. Only one "D" is allowed in the major for Criminology. (Important! All grades including "D"s and "F"s are used to calculate gpa's for students in the College of Arts and Sciences.)
13. Complete all major course requirements.
14. Complete a minimum of 48 hours of upper-level courses (numbered 3000 or above). Lower-level course work from 2-year or 4-year schools, though, equivalent to a 3000-level course at USF, does not meet this requirement.
15. Thirty (30) of the last 60 semester hours must be completed at USF to fulfill the residency requirement.
16. Biology, Biological Sciences, Chemistry, Criminology, Economics, English, Gerontology, Interdisciplinary Natural Sciences, Mass Communications, Mathematics, Physics, Political Science, Religious Studies, and Sociology have established minimum major course hours to be taken in residency at USF. See the department section of the catalog for these credit-hour requirements. In addition, all students who have majors in arts and letters and in the social sciences must take a minimum of 80 hours outside of the major department.
17. Students must satisfy CLAST (College Level Academic Skills Test).
18. Transfer credit for MAT 1033 will only be acceptable towards a bachelor's degree in the College of Arts and Sciences if it was earned as part of an Associate of Arts degree awarded by a public community college in the State of Florida or is part of a Florida public community college transcript which explicitly indicates that general education or general distribution requirements have been met.

Turn in your graduation application to BEH 201 during the *1st to the 4th week* of the semester in which you plan to graduate. Applications are not accepted late.

DEPARTMENTAL MINOR

Minors generally require half as many hours as required for the major. In order to help students develop some concentration in elective work taken in conjunction with their chosen major, the College of Arts and Sciences offers minors in the following: Africana Studies, American Studies, Anthropology, Biomedical Physics, Chemistry, Classics, Communication, Communication Sciences and Disorders, Criminology, Economics, English, Environmental Policy, Foreign Languages, Geography, Geology, Gerontology, History, Humanities, International Studies, Mass Communications, Mathematics, Philosophy, Physics, Political Science, Psychology, Public Administration, Religious Studies, Sociology, and Women's Studies.

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 Africana Studies, American Studies, Anthropology, Biology, Chemistry, Classics, Communication, Communication Sciences and Disorders, Criminology, Economics, English, Environmental Science and Policy, Geography, Geology, Gerontology, History, Humanities, Interdisciplinary Natural Sciences, Interdisciplinary Social Sciences, International Studies, Liberal Studies, Mass Communications, Mathematics, Medical Technology, Languages and Linguistics, Philosophy, Physics, Political Science, Psychology, Public Administration, Rehabilitation Counseling, Religious Studies, Social Work, Sociology, and Women's Studies. The College of Arts and Sciences offers 59 major fields of study as described in the following pages. In addition to the departmental majors, interdisciplinary majors are offered. Economics offers two majors, one in the College of Arts and Sciences and the other in the College of Business Administration.

BACHELOR OF ARTS (B.A.)

- Africana Studies (AFA)
- Anthropology (ANT)
- Chemistry (CHM)
  - Biochemistry Concentration (CBY)
  - Health Professions Concentration (CHH)
- Communication (SPE)
  - Interpersonal & Organizational Concentration (SIO)
  - Performance Concentration (SPM)
  - Public & Cultural Concentration (SPL)
- Communication Sciences and Disorders
  - Deaf Studies Concentration (DST)
  - Interpreter Training Concentration (ITT)
  - Speech-Hearing-Language Concentration (LSH)
- Criminology (CCJ)
- Economics (ECO)
- English
  - Creative Writing Concentration (CRW)
  - English and American Literature (LIT)
  - Professional and Technical Writing (CWT)
- Geography (GPY)
  - Environmental Concentration (EVG)
  - Urban Concentration (USG)
- Geology (GLY)
- Gerontology (GEY)

Government and International Affairs
International Studies (INT)
Political Science (POL)
History (HTY)
Humanities and American Studies
American Studies (AMS)
Humanities (HUM)
Interdisciplinary Social Sciences (ISS)
Liberal Studies (ALA)
Mass Communications
Advertising Concentration (ADV)
Journalism/Magazine Production Concentration (MAG)
News Concentration (NWS)
News Editorial Concentration (JOU)
Programming and Production Concentration (PGM)
Public Relations Concentration (PUR)
Visual Communications Concentration (VIC)
Mathematics (MTH)
Philosophy (PHI)
Physics (PHY)
Psychology (PSY)
Religious Studies (REL)
Sociology (SOC)
Women's Studies (WST)
World Language Education
Classics (CLS)
French (FRE)
French International Studies & Business Concentration (ISB)
German (GER)
Interdisciplinary Classical Civilizations (ICC)
Italian (ITA)
Russian (RUS)
Spanish (SPA)
Spanish International Studies & Business Concentration (ISB)

BACHELOR OF SCIENCE (B.S.)
Biology (BIO)
Marine Biology Concentration (MRN)
Biomedical Sciences (BMS)
Chemistry (CHS)
Environmental Science and Policy (ESP)
Geology (GLS)
Gerontology (GES)
Interdisciplinary Natural Sciences (INS)
Medical Technology (MET)
Microbiology (MIC) - housed in Biology
Physics (PHS)

BACHELOR OF SOCIAL WORK (B.S.W.)
Social Work (SOK)

Honors Programs

The College of Arts and Sciences offers undergraduate honors programs in Anthropology, Biology, Classics, Communication, Communication Sciences and Disorders, English, Geology, Mathematics, Philosophy, Political Science, Psychology, Religious Studies, and Sociology. Students interested in one of these honors programs should consult the appropriate department for further information.

Special Programs

COMMUNITY EXPERIENTIAL LEARNING PROGRAM

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

Students may participate in CEL anytime during their academic career. Good standing at the university and a 2.0 gpa is required for acceptance into the Program. CEL courses are offered throughout the entire year. Ideally, students should plan their CEL projects during the term prior to their implementation, but they can be added at any time during the term. Information may be obtained from Robin Jones, BEH 201, (813) 974-8452.

CERTIFICATES OF CONCENTRATION

Certificate Programs

The Certificate of Concentration is a short-term program for students who are interested in taking a series of courses in a selected area of Arts and Sciences, but are not necessarily interested in a degree. A minimum of 16 hours of approved course work is required. Students working for a Certificate of Concentration may register as non-degree or as degree-seeking students.

CERTIFICATE IN ASIAN STUDIES

The certificate in Asian Studies is designed for majors in any field who wish to gain a broad knowledge of a world area that is of unique importance.

Requirements for the Certificate in Asian Studies:

1. 18 semester hours from the courses listed below.
2. At least two courses must be from Group A and at least two courses must be from Group B. (Other relevant courses may be substituted with the approval of the program advisor.)
3. Students must declare their intention to be awarded the certificate by notifying the program advisor at least one full semester prior to graduation.
4. Students who fail to achieve a cumulative 2.5 GPA or higher in the program will be denied the certificate.

Courses credited toward the Asian Studies Certificate:

Group A

Art:
ARH 4530 (4) ARH 4796 (4)

Humanities:
HUM 3271 (4) HUM 3273 (4) HUM 4402 (4)
HUM 4404 (4) HUM 4405 (4)

Languages:
CHI 1120 (4) CHI 1121 (4) CHI 2200 (4)
CHI 2201 (4) CHI 4905 (1-5) CHI 4930 (1-5)
JPN 1120 (4) JPN 1121 (4) JPN 2000 (3)
JPN 2201 (3) JPN 4905 (1-5) JPN 4930 (1-5)

Religion:
REL 3330 (3) REL 4343 (4) REL 3350 (3)
REL 4333 (4) REL 4344 (4)

Group B

Geography:
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 Professor Dajin Peng. He may be contacted at SOC 373, 813-974-3787.

CERTIFICATE IN ITALIAN STUDIES

The College of Arts and Sciences and the College of Visual and Performing Arts offer a certificate in Italian Studies. The history of the geographic expression that today we call Italy is the sum of many particular histories and cultures. Yet, in their diversity and diaspora, the people of Italy have preserved, through time and place, a sense of common identity. For this reason, to understand the complexity of past and present experiences of Italians in the peninsula and of their descendants abroad, the Undergraduate Certificate in Italian Studies is designed with a broad interdisciplinary perspective.

The certificate will encompass courses in several departments in two colleges. The majority of courses will focus on the study of history and culture of the people who inhabit or originated from the Italian peninsula and the islands of Sardinia and Sicily from pre-historic times to the present. In addition, however, offerings will also focus on the Italian diaspora with specific reference to the experiences of people of Italian descent in the many nations in which they settled from the early 19**th** century to the present.

Students are required to take between 23 and 28 semester hours from a list of courses approved for the certificate. A Faculty Advisory Committee will coordinate the Certificate of Italian Studies. Students may receive credit for courses, not included in the below list, or (if circumstances require it) may substitute a required course with another, by petitioning and if approved by the Advisory Committee.

Study Abroad: Students in the Italian Studies Certificate program are strongly encouraged to study abroad for the summer, a semester or a year in the USF in Italy program or in any other accredited program. The Advisory Committee will determine which courses taken as part of the overseas experience will count toward fulfilling the requirements for the certificate.

For additional information, send a message to Dr. Domenic Ierardo or Dr. Fraser Ottanelli, Coordinators of the Certificate in Italian Studies at itastudies@chuma.cas.usf.edu.

NOTE: Students may apply a maximum of sixteen credits in the same department toward fulfilling the requirements for the certificate.

I. Language Requirement:
Students must demonstrate proficiency in Italian or complete two semesters of language courses chosen from the following courses.
ITA 1120 Beginning Italian I
ITA 1121 Beginning Italian II
ITA 2200 Intermediate Italian I
ITA 2240 Italian Conversation I
ITA 2241 Italian Conversation II
ITA 3420 Composition
LAT 1120 Beginning Latin I

II. Core Courses:
Each student will take three courses from the following list. However, only one course will be allowed from each department.
ARH 4301 Renaissance Art
ITW 4100 Survey of Italian Literature I
ITW 4101 Survey of Italian Literature II
HIS 3930 Renaissance Society
HIS 3930 The Italian Diaspora
HUM 4437 Italian Renaissance Culture

III. Elective Courses:
Students will take 6-8 credits of elective courses chosen from the following list:

Anthropology:
ANT 4143 European Archaeology
ANT 4930 Mediterranean Archaeology

Art History:
ARH 4796 The Renaissance Book [instructor's consent]
ARH 4318 Venetian Art [instructor's consent]

English:
LIT 4930 Italian Cinema

Government and International Affairs:
POT 4936 Selected Topics in Political Theory

History:
EUH 3412 Roman Republic
EUH 3413 Roman Empire
HIS 3930 The Italian Diaspora
HIS 3930 The Italian-American Experience
HIS 3930 The Rise of Rome
HIS 3930 The Punic Wars
HIS 3930 The Roman Revolution
HIS 3930 Renaissance Society
HIS 3930 Women and Men in Early Modern Europe

Humanities:
HUM 4437 Italian Renaissance Culture
HUM 4930 Italian Film and Music—Fellini and Rota
HUM 4930 Neo-Realism and the New Wave: Post World War II French and Italian Film

World Language Education:
CLA 3123 Roman Civilization
CLT 3102 Roman Literature in Translation
ITA 1120 Beginning Italian I
ITA 1121 Beginning Italian II
ITA 2200 Intermediate Italian I
ITA 2240 Italian Conversation I
ITA 2241 Italian Conversation II
ITA 3420 Composition
ITA 3470 Overseas Study
ITW 4100 Survey of Italian Literature I
ITW 4101 Survey of Italian Literature II
ITW 4905 Directed Study
LAT 1120 Beginning Latin I

Theatre:
THE 4480 The Theatre of Luigi Pirandello

Certificate in Latin American and Caribbean Studies

The College of Arts and Sciences offers a Certificate in Latin American and Caribbean Studies for students who wish to gain an intensive multi-disciplinary understanding of this important area. This certificate is designed for students who want to learn more about the region and have that knowledge formally recognized in their academic record.

The Certificate is granted to a person who takes a minimum of 15 semester hours of courses about Latin America and the Caribbean. One course must be taken in each of four areas: 1) Anthropology, 2) Geography/Government & International Studies, 3) History, and 4) Art/Humanities/Literature. A fifth course may be taken from a list of other courses or from one of the four core areas.

Students must also demonstrate proficiency in a Latin American or Caribbean language or have two semesters of relevant foreign language courses.

Study abroad programs are encouraged and will be credited toward the Certificate.

The following courses are a sample of courses offered that fulfill the certificate requirements. However, these should be considered as a partial list only. The student is strongly encouraged to review the *Schedule of Classes* each semester for current course offerings.

1) Anthropology
ANT 4162 South American Archaeology
ANT 4163 Mesoamerican Archaeology
ANT 4340 The Caribbean
ANT 4324 Mexico and Central America
ANT 4930 Caribbean Popular Culture
2) Geography/Government & International Affairs
CPO 4930 Latin American Politics
INR 4931 Latin America through Film
LAS 3002 Latin America
3) History
AMH 3421 Early Florida
LAH 2020 Latin American Civilization
LAH 2734 Latin American History in Film
LAH 3130 Colonial Latin America
LAH 3200 Modern Latin America
LAH 3430 History of Mexico
LAH 3470 History of the Caribbean
LAH 3930 Food in the Americas
LAH 3930 US/Latin American Relations
HIS 3930 Modern Central America
HIS 3930 Revolutions in Latin America
HIS 3930 Andean History
HIS 3930 Latinos in the United States
4) Art/Humanities/Literature
ARH 4930 Latin American Art History
HUM 4464 Latin American Culture Since 1492
SPN 3520 Spanish American Civilization
SPN 4930 Mexican Literature
SPN 4930 Cuban Culture
SPN 5135 Colonial Spanish American Literature
SPN 5525 Modern Spanish American Literature
SPT 2524 Women Writers of Latin America
SPW 3030 Introduction to Hispanic Literature
SPW 4131 Survey of Spanish American Literature
THE 4434 Caribbean Theatre
5) Others
ECO 4935 The Economics of Latin America
REL 3375 Issues in Caribbean Religions
See also: Sociology, Economics, Study Abroad.

For information and advice about the certificate program, contact the Latin American and Caribbean Studies Office, CPR 474, or call 974-3547. The program is open to all majors in all colleges. Applications are available at http://www.usf.edu/~lacs.

CERTIFICATE IN MODERN WESTERN EUROPEAN STUDIES

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

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

1) Language Requirement (6)
Students will enroll in two additional semesters of the foreign language they have taken in fulfillment of the College of Arts and Sciences language requirement.
2) Core Courses (9-10)
Students will take a total of three courses from the following; one of them must be either EUS 3000 or GEA 3500.
EUS 3000 Europe
GEA 3500 Geography of Europe
EUH 3206 History of Twentieth Century Europe
HUM 3251 Studies in Culture: The Twentieth Century
LIT 3144 Modern European Novel
PHM 4331 Modern Political Philosophy
3) Elective Courses (6-8)
A. Overseas Experience
Students should make Western European study and travel an important component of their academic work. They are required to enroll for at least 3 elective credit hours in courses that involve Western European study and travel. These may be taken in one of three ways:
1. as IDS 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 4943 (Off-Campus Term Special Project) or any of the courses listed below as Elective Courses for credit for this requirement. Coordinator, Advisory Committee and student will tailor the experience to fit the student's individual needs.
B. English (3)
ENL 3230 British Literature 1616-1780
ENL 3251 British Literature 1780-1900
ENL 3273 British Literature 1900-1945
ENL 3331 Early Shakespeare
ENL 3332 Late Shakespeare
LIT 3102 Literature of the Western World II
C. History (1-4)
EUH 3142 Renaissance and Reformation
EUH 3202 History of 17th and 18th Century Europe
EUH 3205 History of 19th Century Europe
EUH 3206 History of 20th Century Europe
EUH 3461 German History to 1870
EUH 3462 German History 1870 to Present
EUH 3501 British History to 1688
EUH 3502 British History 1688 to Present
HIS 3930 Special Topics
HIS 4900 Directed Reading
D. Humanities and American Studies (1-4)
HUM 4437 Italian Renaissance Culture
HUM 4438 Northern Renaissance Culture
HUM 4440 Arts and Letters in the 17th and 18th Centuries
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 (3)
CPO 4930 Comparative Government and Politics
INR 3955 Overseas Study
POS 3931 Selected Topics
POS 4905 Independent Study
POT 4054 Modern Political Theory
F. Languages and Linguistics (1-4)
(Note: the student should take courses from the list below after completing the two additional semesters of the foreign language requirement (see I) or, if already advanced in a language, with the instructor's approval.

These courses are generally taught in the target language.)

FRENCH
FRE 3230 Reading in French Literature and Culture
FRE 3440 French for Business
FRE 3500 French Civilization
FRW 4100 Introduction to French Novel
FRW 4101 Introduction to French Drama and Poetry
FRE 4905 Directed Study
FRE 4930 Selected Topics

GERMAN
GER 3500 German Civilization
GET 3100 German Literature in English
GEW 4100 Survey of German Literature I
GEW 4101 Survey of German Literature II
GEW 4900 Directed Study
GEW 4930 Selected Topics

ITALIAN
ITW 4100 Survey of Italian Literature I
ITW 4101 Survey of Italian Literature II
ITW 4905 Directed Study

SPANISH
SPN 3440 Spanish for Business
SPN 3441 Advanced Spanish for Business Writing
SPN 3500 Spanish Civilization
SPW 3030 Introduction to Hispanic Literature
SPW 4100 Survey of Spanish Literature I
SPW 4101 Survey of Spanish Literature II
SPW 4900 Directed Study
SPW 4930 Selected Topics

G. Philosophy (3)
PHH 3420 History of Philosophy
PHH 4440 Continental Philosophy
PHM 4331 Modern Political Philosophy
PHP 3786 Existentialism
PHP 4410 Kant
PHP 4740 The Rationalists
PHP 4745 The Empiricists

Courses not included in the above list may be included in the program if approved by the Coordinator and an Advisory Committee.

CERTIFICATE IN RUSSIAN STUDIES

The College of Arts and Sciences offers a Certificate in Russian Studies for students who wish to gain an intensive multidisciplinary understanding of this important area. A minimum of 23 to 26 semester hours is required of all students seeking such a certificate, and will be distributed in the following manner:

Language-Linguistics-Literature
Twelve hours from the following courses, 8 of which must be in language:
LIN 4930 Selected Topics in Linguistics* (1-3)
RUS 2200 Russian III (4)
RUS 2201 Russian IV (4)
RUS 3240 Conversation I (4)
RUS 3500 Russian Civilization (3)
RUS 4241 Conversation II (4)
RUT 3110 Russian Classics in Translation (3)
RUT 3111 Twentieth Century Russian Literature in Translation (3)
RUS 2270 Overseas Study (1-6)
RUS 3470 Overseas Study (1-6)
RUS 4471 Overseas Study (1-6)

History-Political Science-Economics
Six to eight hours from the following courses:
CPO 2002 Introduction to Comparative Politics (3)
CPO 4930 Comparative Government and Politics* (3)
ECO 4323 Radical Political Economy (3)
ECO 4935 Russian Political Economy (3)
EUH 3574 Russian History to 1865 (4)
EUH 3576 Russian History from 1865 to Present (4)

International Studies-Geography-Philosophy:
Six to eight hours from the following courses:
EUS 3022 Russia (3)
GEA 3554 Geography of Russia Eurasia (4)
INR 5086 Issues in International Relations (3)
INR 3018 World Ideologies (3)
INR 3770 Comparative Military Systems (3)
INR 4900 Directed Readings* (1-4)
INR 4910 Directed Research* (1-4)
INR 3955 Overseas Study* (1-6)
INR 4931 Selected Topics* (1-4)
PHP 4788 The Philosophy of Marxism (3)
*When topic is defined as Russian or directly related area.

Other courses may be substituted for those listed above upon approval of the Russian Studies coordinator.

CERTIFICATE IN URBAN STUDIES

The Urban Studies Certificate offers students the opportunity to supplement their education and training with a focus on the problems and potentials of the urban world around us. Eighty percent of Americans live in one of the country's nearly 400 major metropolitan areas. Understanding the economic, social, cultural, political and spatial phenomena of urban areas, and how they came to be, is essential if one is to thrive in today's world. The Urban Studies curriculum begins with an interdisciplinary Introduction to Urban Studies and then weaves the multidisciplinary urban offerings into a coherent understanding of urban life. The Urban Studies Coordinator helps each student fashion a curriculum that meets his/her unique intellectual and career needs. The curriculum, through its courses and internship possibilities, focuses on the "real world," thus providing students with a valuable foundation for their career planning and advancement. With the help of the Urban Studies Coordinator, students can design concentrations in urban planning, urban management, community development, community organizing, etc. The Certificate requires a minimum of 24 credits.

1) Core Courses (9-10 credits)
URS 3002 Introduction to Urban Studies (3)
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)
GEO 3602 Urban Geography (4)
ISS 3930 Community Studies (3)
ISS 4162 City and Urbanization (3)
POS 3142 Introduction to Urban Politics and Government (3)
SYD 4410 Urban Sociology or (3)
Courses may have prerequisites within the discipline.

2) Methods Courses (select 1 of the following: 3-4 credits)
ANT 4495 Methods in Cultural Research (3)
ANT 4930 Social Networks (3)
ECO 4935 Economics Statistics (3)
POS 3713 Empirical Political Analysis (3)
STA 2122 Social Science Statistics (3)
SYA 3300 Research Methods (3)
SYA 3310 Qualitative Inquiry (3)
GEO 3164C Quantitative Methods (4)
GEO 4100C Cartography (4)
GEO 4114C Geographic Techniques and Methodology (4)
GEO 4151C Geographic Information Systems (4)
GEO 3164C Quantitative Methods (4)
Courses may have prerequisites within the discipline.

3) Electives (select 4 from the following list or from the CORE COURSES not counted above: minimum of 12 credits)

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

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

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

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

Criminology
CCJ 3003 Crime and Justice in America (4)
CCJ 3024 Survey of the Criminal Justice System (3)
CCJ 3610 Theories of Criminal Behavior (3)
CCJ 3621 Patterns of Criminal Behavior (3)
CJE 4010 Juvenile Justice System (3)
CJE 4044 Police and Juvenile Delinquency (3)
CJE 4114 American Law Enforcement Systems (3)
CJJ 4210 Developmental Aspects of Juvenile Delinquency (3)
CJJ 4211 Juvenile Substance Use (3)

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

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

Gerontology
GEY 3323 Community Services for Older Adults (3)

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

Humanities and American Studies
AMS 3700 Racism in American Society

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

Psychology
SOP 4714C Environmental Psychology (3)

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

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

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

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

Information and advice about the certificate program may be obtained from Robin R. Jones. Call (813) 974-8452 or email jones@chuma1.cas.usf.edu. The Office is located in BEH 201.

Health Professions

The University of South Florida is an excellent location to prepare for a career in the health professions. The Veterans Administration Hospital, University of South Florida Medical Center, Shriner's Hospital for Crippled Children, H. Lee Moffitt Cancer Center and Research Institute, University of South Florida Mental Health Institute, and University Community Hospital are within walking distance of the campus and offer students excellent opportunities for observation, research, and experience.

The College of Arts and Sciences offers programs designed to prepare students for admission to professional schools of medicine, osteopathic medicine, chiropractic medicine, dentistry, optometry, podiatry, veterinary medicine, pharmacy, physician assistant, and physical therapy. Most of these professions require four years of preprofessional preparation followed by four years of training in a professional school. A few well-prepared students with exceptional qualifications may be admitted to some professional schools as early as the completion of the junior year of preprofessional work. The preprofessional programs do not meet requirements for a degree; therefore, students must choose a major in addition to fulfilling their pre-professional requirements. Most preprofessional students major in biology, biomedical sciences, or chemistry because of their interests in the health sciences, and the considerable overlap between the preprofessional curriculum and the degree requirements for those majors. Entrance into all professional schools or programs is competitive, and students should begin establishing a record of excellence with the first semester at USF. Furthermore, it is essential that students pursue courses 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.

Requirements for Health Professions Schools

These courses prepare students for admission to professional schools of chiropractic medicine, dentistry, medicine, osteopathic medicine, podiatric medicine, optometry, veterinary medicine, and pharmacy. All of these professional schools have in common the following course requirements, which should be completed by the end of the junior year, the usual time of application:

Biology
BSC 2010, 2010L Biology I: Cellular Processes (3,1)
BSC 2011, 2011L Biology II: Diversity (3,1)

Chemistry
CHM 2045, 2045L General Chemistry I (3,1)
CHM 2046, 2046L General Chemistry II (3,1)
CHM 2210, 2210L Organic Chemistry I (3,2)
CHM 2211, 2211L Organic Chemistry II (3,2)

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

In addition to these requirements it is generally expected that preprofessional students will complete two semesters of English and mathematics appropriate for their degree. Some schools require calculus and some require one or two courses in biochemistry. CLEP credit usually is not accepted by professional schools, and some schools do not accept AP or IB credits. Students should check with the school of their choice regarding credit.

Specific Requirements for Chiropractic School

In addition to completing the basic preprofessional requirements listed under Requirements for Health Professions Schools, students should check requirements of individual schools, which may include courses such as speech and psychology. Although some chiropractic schools may require only 90 semester hours for admission, the State of Florida requires that students have earned a bachelor's degree prior to beginning chiropractic studies in order to be licensed.

Specific Requirements for Dental School

Most dental schools require the courses listed under Requirements for Health Professions Schools. The University of Florida and Nova Southeastern have the following required and recommended courses. However, students are encouraged to check with individual schools regarding specific admission requirements.

Required by University of Florida and strongly recommended by Nova Southeastern:
BCH 3023 Introductory Biochemistry (3)
Strongly Recommended:
BCH 3023L Basic Biochemistry Lab (2)
PCB 5235 Principles of Immunology (3)
Recommended:
Business management (3)
Speech/communication (3)

Additionally, the University of Florida requires and recommends
Required:
MBC 3020C General Microbiology (4)
PCB 3063, 3063L General Genetics (3,1)
PSY 2012 Psychological Science I (3)
Strongly Recommended:
MAC 2241 OR MAC 2311 Calculus (4)
STA 2023 Introductory Statistics (4)
Logic (3)
Sociology (emphasis on Diversity) (3)
Recommended:
Conversational Spanish (3)

Specific Requirements for Medical School (including Osteopathic and Podiatric schools)

The basic requirements for medical schools are the courses listed under Requirements for Health Professions Schools. In addition, the following courses are required and/or strongly recommended. Students should check individual schools for additional requirements.

Required by Florida State University and University of Florida; recommended by University of Miami
BCH 3023, 3023L Introductory Biochemistry (3,2)

Required by Florida State University
CHS 4300 Fundamentals of Clinical Chemistry (3)

Strongly recommended by University of South Florida
MAC 2241 Life Sciences Calculus I (4)
or
MAC 2281 Engineering Calculus (4)
or
MAC 2311 Calculus I (4)

Specific Requirements for Optometry School

Optometry schools differ somewhat in their admissions requirements. In addition to the common list of courses under Requirements for Health Professions Schools, most schools require the following courses:

Biology
MCB 3020C General Microbiology (4)

Mathematics
MAC 2241 Life Science Calculus I (4)
STA 2023 **OR** STA 2122 Statistics (4,3)

Psychology
PSY 2012 Psychological Science I (3)

Students should check requirements of individual schools and complete requirements for those schools where they plan to apply for admission.

Specific Requirements for Veterinary School

The University of Florida College of Veterinary Medicine is the only veterinary school in the state. Admission into veterinary school is highly selective, and to be competitive students should obtain experience working with animals, preferably through employment with a veterinarian. Pre-veterinary students should complete a degree in the major of their choice while including the above classes and:

Biology
MBC 3020C General Microbiology (4)
PCB 3063, 3063L General Genetics (3,1)

Chemistry
BCH 3023 Introductory Biochemistry (3)

Mathematics
STA 2023 Introductory Statistics (4)
and
MAC 2241 AND MAC 2242 Life Sciences Calculus I and II (4,4)
or
STA 2023 Introductory Statistics (4)
and
MAC 2311 Calculus I (4)

In addition, students must have a minimum of 80 hours, including 6 hours of English, 6 hours of social science, and 9 hours of humanities. Students are also required to take two courses in animal science that are offered only at University of Florida (e.g., Introduction to Animal Science and Animal Nutrition). Students usually take these in the summer before beginning veterinary school; these 8 hours can be counted in the 80.

Specific Requirements for Pharmacy School

Most pharmacy schools require a minimum of 60 semester hours and the basic science courses listed under Requirements for Health Professions Schools. In addition, specific courses in microbiology, biochemistry, anatomy and physiology, speech, computer literacy, economics, humanities, and social sciences are required or recommended. Due to the variations in admission requirements among the pharmacy schools, students should check with the school of their choice.

Specific Requirements for Physician Assistant School

Physician assistant schools have slightly different requirements from other health profession schools. All physician assistant schools require or strongly recommend the following courses:

Biology
BSC 2093* Human Anatomy and Physiology I (3)
BSC 2094 Human Anatomy and Physiology II (3)
MCB 3020C General Microbiology (4)

Chemistry
CHM 2045, 2045L General Chemistry I (3,1)
CHM 2046, 2046L General Chemistry II (3,1)
CHM 2210 Organic Chemistry I (3)
OR
BCH 3023* Introductory Biochemistry (3)

*Note: At USF, BSC 2093 and BCH 3023 have prerequisites that are not always required by the physician assistant programs. See the course descriptions for more information. Some programs may also require Anatomy labs.

In addition, Biology I and II (BSC 2010 and 2011) are also required by some physician assistant programs. Many schools require the second semester of organic chemistry, an additional upper-level course in biology, courses in psychology and/or sociology, public speaking (SPC 2600), at least one math course (MAC 1105 and STA 2023 are often recommended), and a course in medical terminology (CLT 3040 or HSC 4933). Students should always check with the schools they are interested in to ensure the completion of all requirements for those schools.

Specific Requirements for Physical Therapy School

Physical Therapy programs in the State of Florida have the following requirements:

Biology
BSC 2010, 2010L Biology I: Cellular Processes (3,1)
BSC 2093 Human Anatomy and Physiology I (3)
BSC 2094 Human Anatomy and Physiology II (3)
OR
BSC 2010, 2010L Biology I: Cellular Processes (3,1)
BSC 2011, BSC 2011L Biology II: Diversity (3,1)
Human Physiology with Lab (*not offered at USF*)

Chemistry
CHM 2045, CHM 2045L General Chemistry I (3,1)
CHM 2046, CHM 2046L General Chemistry II (3,1)

Mathematics
STA 2023 Introductory Statistics (4)

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

Psychology
PSY 2012 Psychological Science I (3)
DEP 2004 Life Cycle (3)
or Human Growth & Development course

Though many of the prerequisites for Physical Therapy are the same nationwide, a student should always check with their school of choice for admission requirements.

Requirements for B.S. Degree for Early Admission Students

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

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

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

Students who are admitted to an accredited U.S. medical or dental school after completing their junior year at the University of South Florida may be awarded the B.S. degree in Biomedical Sciences from the College of Arts and Sciences subject to the following conditions:
1. Transfer of a minimum of 30 semester hours of science courses from an accredited medical or dental school.
2. Completion of a minimum of 90 semester hours of credit with a minimum grade point average of 2.0 prior to transfer to the medical or dental school.
3. Completion of the following courses with at least a C- in each course:
Biology
BSC 2010, 2010L Biology I: Cellular Processes (3,1)
BSC 2011, 2011L Biology II: Diversity (3,1)
MCB 3030C 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)	(3-4)
PCB 3063, 3063L	General Genetics (lab optional)	(3-4)
MCB 4502	Virology	(3)
MCB 4115	Determinative Bacteriology	(5)
MCB 5815	Medical Mycology	(3)
PCB 4064	Experimental Genetics	(3)
PCB 4723	Animal Physiology	(3)
PCB 4723L	Animal Physiology Lab	(1)
PCB 5235	Principles of Immunology	(3)
ZOO 3323C	Anatomy of Chordates	(4)
ZOO 3713	Comparative Vertebrate Anatomy	(4)
ZOO 4603	Animal Embryology	(4)
ZOO 4753C	Histology	(4)

Chemistry

CHM 2045, 2045L	General Chemistry I	(3,1)
CHM 2046, 2046L	General Chemistry II	(3,1)
CHM 2210, 2210L	Organic Chemistry I	(3,2)
CHM 2211, 2211L	Organic Chemistry II	(3,2)
BCH 3023	Introductory Biochemistry	(3)

Physics

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

Mathematics

MAC 2241, MAC 2311, or MAC 2281	Calculus	(4,4,3)

Plus either the second semester of a calculus sequence
OR

STA 2023	Introductory Statistics I	(4)

4. Completion of the University's General Education and Exit Requirements.
5. Completion of the last 30 hours prior to transfer to a medical or dental school in residence at the University of South Florida.
6. Application for the degree must be received no later than two years from the date of entrance into the professional school.

Students admitted to professional schools of veterinary medicine, optometry, or podiatric medicine prior to completion of their degree may also be able to transfer courses from the professional school and receive their bachelor's degree. However, approval of the courses to be transferred must be obtained on an individual basis from the College of Arts and Sciences, and in some cases it may be necessary for students to complete more than 90 hours prior to leaving the University of South Florida.

TEACHER EDUCATION PROGRAMS

The College of Arts and Sciences offers B.A. and M.A. degree programs for secondary school teachers and the M.A. degree for junior college teachers.

B.S. Degree ProgramS for Secondary School Teachers

The College of Arts and Sciences in cooperation with the College of Education offers degree programs in Mathematics, Biology, Chemistry, Physics, English, Foreign Language and Social Science Education. Prospective students should consult the College of Education portion of this catalog under the heading Department of Secondary Education for degree requirements.

DEPARTMENTS AND PROGRAMS

• AFRICANA STUDIES (AFA)

Africana Studies is a liberal arts program offering both a major and a minor. This program provides all students with the opportunity to study the history, culture and lived experiences of people of African descent in the United States, Africa, the Caribbean, and elsewhere; study the influence of Africa and people of African descent on world and U.S. thought, culture, and politics; study the social construction and consequences of race and racism; develop needed critical thinking skills to address the often narrow and Eurocentric bias in the current knowledge base; and examine their personal experiences, prejudices, and possible contributions in a multi-racial, multi-cultural society.

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

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

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 (both). The requirements for the majors are as follows:

Major requirements for the B.A. Degree (36 Credit Hours)

AFA 2000	Introduction to the Black Experience in Africa and its Diaspora	(3)
AFH 3100	African History to 1850	(3)
AFH 3200	African History Since 1850	(3)
AMH 3571	African-American History to 1865	(3)
AMH 3572	African-American History Since 1865	(3)

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

African American Studies (Suggested)
AFA 4313 Black English (3)
AFA 4331 Social Institutions and the African American Community (3)
AFA 4335 Black Women in America (3)
AFA 4340 Black Towns and Communities (3)
AFA 4350 African American Community Research (3)
AFA 4400 Middle Passage (3)
AFA 4500 Slavery in the Americas and Caribbean (3)
AFA 4931 Selected Topics in Africana Studies (1-3)
AFS 4311 The African Diaspora: Blacks in the Construction of the Americas (3)
AMS 3700 Racism in American Society (3)
ANT 4340 The Caribbean (3)
AML 3604 African American Literature (3)
AML 4303 Major Works: Zora Neale Hurston (3)
AML 4624 Black Women Writers (3)
HUM 2420 Arts and Music of the African People (3)
PHM 4120 Major Black Thinkers (3)

African Studies (Suggested)
AFA 4150 Africa and the United States (3)
AFA 4313 Black English (3)
AFA 4340 Black Towns and Communities (3)
AFA 4350 African American Community Research (3)
AFA 4400 Middle Passage (3)
AFA 4500 Slavery in the Americas and Caribbean (3)
AFA 4931 Selected Topic in Africana Studies (1-3)
AFS 2250 Culture and Society of Africa (3)
AFS 3153 African Literature Survey (3)
CPO 4204 Government and Politics of Africa (3)
CPO 4244 Government and Politics of East, Central, and Southern Africa (3)
HUM 2420 Arts and Music of the African People (3)
INR 4254 Africa in World Affairs (3)
PHI 4073 African Philosophy (3)

Africana Studies (Suggested)
AFA 4313 Black English (3)
AFA 4331 Social Institutions and the African American Community (3)
AFA 4335 Black Women in America (3)
AFA 4400 Middle Passage (3)
AFA 4931 Selected Topics in Africana Studies (1-3)
AFS 2250 Culture and Society in Africa (3)
AFS 3153 African Literature Survey (3)
AFS 4311 The African Diaspora: Blacks in the Construction of the Americas (3)
AML 3604 African American Literature (3)
AML 4624 Black Women Writers (3)
ANT 4340 The Caribbean (3)
CPO 4204 Government and Politics of Africa (3)
CPO 4244 Government and Politics of East, Central, and Southern Africa (3)
HUM 2420 Arts and People of the African People (3)
PHI 4073 African Philosophy (3)
PHM 4120 Major Black Thinkers (3)

Requirements for the Minor in Africana Studies

The minor in Africana Studies requires a minimum of 18 credit hours. As in the major, students may choose an area of emphasis in African American Studies, 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 2000 Introduction to the Black Experience [In Africa and Its Diaspora] (3)
AFH 3100 African History To 1850 (3)
or
AFH 3200 African History Since 1850
AMH 3571 African American History To 1865 (3)
or
AMH 3572 African American History Since 1865
Elective Classes (Select 9 Hours)
AFA 4150 Africa And The United States (3)
AFA 4335 Black Women In America (3)
AFA 4931 Selected Topics In Africana Studies (1-3)
CPO 4204 Government And Politics Of Africa (3)
CPO 4244 Government And Politics Of East, Central, And Southern Africa (3)
HUM 2420 Arts and Music of the African People (3)
INR 4254 Africa In World Affairs (3)
PHM 4120 Major Black Thinkers (3)

African American Studies-Option II
Required Core Classes (9 Hours)
AFA 2000 Introduction to the Black Experience [In Africa and Its Diaspora] (3)
AMH 3571 African American History to 1865 (3)
AMH 3572 African American History Since 1865 (3)
Elective Classes (Select 9 Hours)
AFA 4150 Africa and the United States (3)
AFA 4331 Social Institutions and the African-American Community (3)
AFA 4335 Black Women in America (3)
AFS 4311 The African Diaspora: Blacks in the Construction of the Americas (3)
HUM 2420 Arts and the Music of the African People (3)
PHM 4120 Major Black Thinkers (3)

African Studies-Option III
Required Classes (9 Hours)
AFH 3100 African History to 1850 (3)
AFH 3200 African History Since 1850 (3)
CPO 4204 Government and Politics of Africa (3)
INR 4254 Africa in World Affairs (3)
Electives (Select 9 Hours)
AFA 4150 Africa and the United States (3)
AFA 4931 Selected Topics in Africana Studies (1-3)
CPO 4244 Government and Politics of East, Central, and Southern Africa (3)
HUM 2420 Arts and Music of the African People (3)
INR 4254 Africa in World Affairs (3)

• AMERICAN STUDIES (AMS/HUM)

See “Humanities & American Studies.”

• ANTHROPOLOGY (ANT)

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

The Department of Anthropology is concerned with applying anthropological knowledge, theory, method, and perspectives to problems of contemporary society. Illustrative areas of activity include human services needs assessment, program planning and evaluation, public archaeology, social and environmental impact assessment, and public policy analysis.

In 1986 the department instituted an honors program to provide its best students with an opportunity to engage in a significant academic experience. Outstanding seniors may participate in a year-long course of study and original research in an area of their choosing under the guidance of a faculty mentor.

Students majoring in other fields may find anthropology coursework an exciting and valuable supplement to their primary academic interest. A minor in anthropology has been developed with this purpose in mind. The minor program is structured to allow the student maximum flexibility in course selection within a broadly defined progression of anthropological concerns. Thus, the student is able to tailor a minor in anthropology to best suit special wants and needs in the context of an overall curriculum.

For additional information about the department please visit our web site: http://www.cas.usf.edu/anthropology/index.html

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students wishing to transfer to USF should complete the A.A. degree at the community college. Students should complete two lower level, introductory courses in Anthropology prior to entering the university. If not taken at the community college, they must be completed before the degree is granted. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. A grade of "C" is the minimum acceptable grade. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Requirements for the Major in Anthropology

Beyond the recommended prerequisites listed above, the major in Anthropology consists of a minimum of 36 credit hours. ANT 2000 is prerequisite to all subsequent courses. ANT 3101, ANT 2410, ANT 2511 and ANT 3610 are required as intermediate level training in the main subdivisions of the field, and ANT 4034 and ANT 4935 complete the specific requirements. Majors are required to complete a minimum of 15 hours of 4000-level elective coursework, including courses from at least three of the four subfields shown below.

Required Core Courses

ANT 2000	Introduction to Anthropology	(4)
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)

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	(3)
ANT 4586	Prehistoric Human Evolution	(3)
ANT 4587	Human Variation	(3)

Anthropological Linguistics

ANT 4620	Language and Culture	(3)
ANT 4750	Language and Social Interaction	(3)

Cultural Anthropology

ANT 4231	Folklore	(3)
ANT 4241	Magic and Religion	(3)
ANT 4285	Oral History	(3)
ANT 4302	Gender in Cross-Cultural Perspective	(3)
ANT 4312	North American Indians	(3)
ANT 4316	Ethnic Diversity in the United States	(3)
ANT 4323	Mexico and Central America	(3)
ANT 4340	The Caribbean	(3)
ANT 4390	Visual Anthropology	(3)
ANT 4432	The Individual and Culture	(3)
ANT 4442	Urban Life and Culture	(3)
ANT 4462	Health, Illness, and Culture	(3)
ANT 4495	Methods in Cultural Research	(3)
ANT 4701	Applied Anthropology	(3)
URS 3002	Introduction to Urban Studies	(3)

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.

1. 2000-level required core course (4 credit hours)
   ANT 2000 Introduction to Anthropology
2. Intermediate-level core courses (3-6 credit hours)
   ANT 2410 Cultural Anthropology
   ANT 2511 Biological Anthropology
   ANT 3101 Archaeology
   ANT 3610 Anthropological Linguistics
3. 4000-level elective courses (9-12 credit hours)
   As described above in the listing of elective courses in archaeology, physical anthropology, anthropological linguistics and cultural anthropology.

Requirements for the Anthropology Honors Program

The purpose of the Honors Program is to provide outstanding Anthropology undergraduates with advanced, individually tailored training in areas of anthropology of interest to them. The program, operating independently of the major itself, involves a year of coursework and research culminating in the writing of an Honors thesis. Students in the second semester of their junior year, prior to completion of 90 semester hours, may apply to the program, which begins in the Fall semester. Admission is competitive, based on the student's overall academic record (minimal 3.0 GPA overall, 3.5 GPA for USF anthropology course work) and a letter of recommendation from a member of the Department of Anthropology. Successful completion of the program requires maintenance of a 3.0 overall and a 3.5 in the major, completion of ANT 4932 (4)

(Honors Seminar) with a grade of "B" or better, completion of ANT 4970 (3) (Honors Thesis) with a grade of "S," and completion of all other requirements for graduation. See the Anthropology Department Undergraduate Advisor for further information and application forms.

• BACHELOR OF INDEPENDENT STUDIES (BIS)

New applicants are not currently being accepted.

• BIOLOGY (BIO/MRN/MIC)

Two specific Bachelor of Science degrees, Biology and Microbiology, are available for students interested in the biological sciences. The B.S. in Biology allows students to concentrate in such areas as Ecology, Cell & Molecular Biology, Physiology, and Marine Biology. The degree is preparatory for careers in such areas as teaching, agriculture, medicine, dentistry, conservation, and biotechnology, or for post-baccalaureate study in the various life sciences. The B.S. in Microbiology provides students with the broad range of courses necessary to qualify for certification by the National Registry of Microbiologists, American Society of Microbiology, and employment in microbiology and related fields.

In addition to a set of courses in biology, students must have a thorough preparation in other areas of natural sciences to be competitive for jobs or for further study beyond the baccalaureate. A modern biology curriculum is built on a foundation of mathematics, chemistry and physics. Students should study the requirements listed below and then make maximum use of the vigorous advising program maintained by the Department in structuring their programs.

Requirements for Entrance into either the Biology or Microbiology Degrees

1. Completion of two semesters of college-level basic biology (BSC 2010 / 2010L and BSC 2011 / 2011L, or equivalents); two semesters of college-level basic chemistry (CHM 2045 / 2045L and CHM 2046 / 2046L, or equivalents); and one semester of any college-level mathematics, physics, or statistics course.
2. A cumulative GPA of at least 2.75 in the five courses listed above.

These requirements will NOT BE WAIVED for students who pass major courses beyond college-level basic biology, but do not have the necessary cumulative GPA (2.75) in the five courses listed above.

Requirements for the Biology B.S. Major (BIO)

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

BSC 1010/1010L
Introduction to Biology I-Cellular Processes (with lab)
Acceptable substitutes: PCB X010, PCB X011, PCB X021, PCB X131, BSC X040, BSC 2012
BSC 1011/1011L
Introduction to Biology II-Diversity (with lab)
Acceptable substitutes: ZOO X010, BOT X010, BSC X041, BOT X013
CHM 1045/1045L General Chemistry I (with lab)
CHM 1046/1046L General Chemistry II (with lab)
CHM 2210/2210L Organic Chemistry I (with lab)
Acceptable substitutes: PHY 3043/3043L, PHY 3048/3048L, PHY 3049/3049L, or equivalent
CHM 2211/2211L Organic Chemistry II (with lab)
Acceptable substitutes: PHY 3053/3053L, PHY 3048/3048L, PHY 3049/3049L, or equivalent
MAC X311 Calculus I
Acceptable substitutes: MAC 2233, MAC 2253, MAC X281
MAC X312 Calculus II
Acceptable substitutes: STA 2122, 2014, 2023, 2034, 2321 or equivalent; MAC 2234, 2254, 3282

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

Required Courses for the Biology Major

1. Department of Biology Courses-minimum 40 credit hours
   a. BSC 2010 Biology I Cellular Processes (3)
      BSC 2010L Biology I Cellular Processes Laboratory (1)
      BSC 2011 Biology II Diversity (3)
      BSC 2011L Biology II Diversity Laboratory (1)
   b. PCB 3023 Cell Biology (3)
      PCB 3043 Principles of Ecology (3)
      PCB 3063 General Genetics (3)
   c. **ONE** of the following:
      PCB 3023L Cell Biology Laboratory (1)
      PCB 3043L Principles of Ecology Laboratory (1)
      PCS 3063L General Genetics Laboratory (1)
   d. **ONE** of the following (with laboratory):
      MCB 4404 Microbial Physiology and Genetics (4)
      PCB 4723 Animal Physiology (3)
   e. The remaining credit hours to meet the minimum requirements must come from among structured departmental courses that are applicable to the major **and** BCH 3023. At least eight (8) of these credit hours must be at the 4000 level or higher.
   f. A maximum of four (4) credit hours of Undergraduate Research (BSC 4910) or Biology Honors Thesis (BSC 4970) may be applied.
   g. A minimum of 20 hours of Biology courses must be taken in residency and be applicable to the major.
2. Supporting Courses in the Natural Sciences-minimum 32 credit hours
   a. CHM 2045 General Chemistry I (3)
      CHM 2045L General Chemistry I Laboratory (1)
      CHM 2046 General Chemistry II (3)
      CHM 2046L General Chemistry II Laboratory (1)
   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)
      and
      MAC 2242 Life Sciences Calculus II (4)
      OR
      MAC 2281 Engineering Calculus I (4)
      and
      MAC 2282 Engineering Calculus II (4)
      OR
      MAC 2311 Calculus I (4)
      and
      MAC 2312 Calculus II (4)
      OR
      MAC 2241 Life Sciences Calculus I (4)
      and
      STA 2023 Introductory Statistics I (4)
   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)
      OR
      PHY 2053 General Physics (3)

PHY 2053L General Physics Laboratory (1)
PHY 2054 General Physics (3)
PHY 2054L General Physics Laboratory (1)

3. Liberal Arts Courses-minimum 45 credit hours
4. Free Elective Courses needed to complete 120 credit hours.

Requirements for the Biology B.S. Major with a Concentration in Marine Biology (MRN)

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

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, 2014, 2023, 2034, 2321 or equivalent; MAC 2234, 2254, 3282

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

Required Courses for the Biology Major with a Marine Biology Concentration

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 3043 Principles of Ecology (3)
      PCB 3063 General Genetics (3)
   c. **ONE** of the following:
      PCB 3023L Cell Biology Laboratory (1)
      PCB 3043L Principles of Ecology Laboratory (1)
      PCS 3063L General Genetics Laboratory (1)
   d. BSC 3263C Marine Biology (3)
   e. **ONE** of the following (with laboratory):
      BOT 4503 Plant Physiology (3)
      MCB 4404 Microbial Physiology and Genetics (4)
      PCB 4723 Animal Physiology (3)
   f. 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 3205C)
   g. Seminar in Marine Biology
   h. The remaining nine (9) credit hours to meet the minimum requirements must come from courses listed in (f) above and/or from the following list. A maximum of six (6) credits may be taken in courses from other departments/colleges. At least eight (8) of these credit hours must be at the 4000 level or higher:
      OCB 6050 Biological Oceanography
      OCC 6050 Chemical Oceanography
      OCG 6051 Geological Oceanography
      OCP 6050 Physical Oceanography
      GLY 4734 Beaches and Coastal Environments
      GEO 5177 Geographic Information Systems
      ZOO 5456 + ZOO 5456L Ichthyology
      MCB 5600 Applied and Environmental Microbiology
      ZOO 5555C Marine Animal Ecology
      ZOO 4513 Animal Behavior
      PCB 4674 Organic Evolution
      BOT 5185C Marine Botany
      BSC 4933 Advanced Marine Biology and lab
2. Supporting Courses in the Natural Sciences-minimum 32 credit hours
   a. CHM 2045 General Chemistry I (3)
      CHM 2045L General Chemistry I Laboratory (1)
      CHM 2046 General Chemistry II (3)
      CHM 2046L General Chemistry II Laboratory (1)
   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)
      and
      MAC 2242 Life Sciences Calculus II (4)
      OR
      MAC 2281 Engineering Calculus I (4)
      and
      MAC 2282 Engineering Calculus II (4)
      OR
      MAC 2311 Calculus I (4)
      and
      MAC 2312 Calculus II (4)
      OR
      MAC 2241 Life Sciences Calculus I (4)
      and
      STA 2023 Introductory Statistics I (4)
   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)
      OR
      PHY 2053 General Physics (3)
      PHY 2053L General Physics Laboratory (1)
      PHY 2054 General Physics (3)
      PHY 2054L General Physics Laboratory (1)
3. Liberal Arts Courses-minimum 45 credit hours
4. Free Elective Courses needed to complete 120 credit hours.
5. Student applies to Marine Biology Program after meeting all entrance requirements of BIO major. In addition, a student must have a major GPA of at least 3.0 at the time of application and maintain a major GPA of at least 3.0 throughout the Program

Requirements for the Microbiology B.S. Major (MIC)

Prerequisites (State Mandated Common Prerequisites)

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

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 X045/X045L General Chemistry I (with lab)
CHM X046/X046L General Chemistry II (with lab)
CHM X210/X210L Organic Chemistry I (with lab)
Acceptable substitutes: PHY 3043/3043L, PHY 3048/3048L, PHY 3049/3049L, or equivalent
CHM X211/X211L Organic Chemistry II (with lab)
Acceptable substitutes: PHY 3053/3053L, PHY 3048/3048L, PHY 3049/3049L, or equivalent
MAC X311 Calculus I
Acceptable substitutes: MAC 2233, MAC 2253, MAC X281

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

Required Courses for the Microbiology Major

1. Department of Biology Courses-minimum 42 credit hours
   a. BSC 2010 Biology I Cellular Processes (3)
      BSC 2010L Biology I Cellular Processes Laboratory (1)
      BSC 2011 Biology II Diversity (3)
      BSC 2011L Biology II Diversity Laboratory (1)
   b. PCB 3023 Cell Biology (3)
      PCB 3023L Cell Biology Laboratory (1)
      PCB 3043 Principles of Ecology (3)
      PCB 3063 General Genetics (3)
   c. MCB 3020C General Microbiology (4)
      MCB 4115 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 4502 Virology (3)
      MCB 4910 Microbiology Undergraduate Research (1-4)
      MCB 4934 Seminar in Microbiology (1)
      MCB 5206 Public Health and Pathogenic Microbiology (3)
      MCB 5655 Applied and Environmental Biology (3)
      MCB 5815C Medical Mycology (3)
      PCB 5235 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) or Biology Honors Thesis (BSC 4970) may be applied.
   f. A minimum of 20 hours of Biology courses must be taken in residency and be applicable to the major.
2. Supporting Courses in the Natural Sciences-minimum 35 credit hours
   a. CHM 2045 General Chemistry I (3)
      CHM 2045L General Chemistry I Laboratory (1)
      CHM 2046 General Chemistry II (3)
      CHM 2046L General Chemistry II Laboratory (1)
   b. CHM 2210 Organic Chemistry I (3)
      CHM 2210L Organic Chemistry I Laboratory (2)
      CHM 2211 Organic Chemistry II (3)
      CHM 2211L Organic Chemistry II Laboratory (2)
   c. MAC 2241 Life Sciences Calculus I (4)
      and
      MAC 2242 Life Sciences Calculus II (4)
      OR
      MAC 2281 Engineering Calculus I (4)
      and
      MAC 2282 Engineering Calculus II (4)
      OR
      MAC 2311 Calculus I (4)
      and
      MAC 2312 Calculus II (4)
      OR
      MAC 2241 Life Sciences Calculus I (4)
      and
      STA 2023 Introductory Statistics I (4)
   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)
      OR
      PHY 2053 General Physics (3)
      PHY 2053L General Physics Laboratory (1)
      PHY 2054 General Physics (3)
      PHY 2054L General Physics Laboratory (1)
   e. BCH 3023 Introductory Biochemistry (3)
3. Liberal Arts Courses-minimum 45 credit hours
4. Free Elective Courses needed to complete 120 credit hours.

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)
BSC 2011 Biology II with lab- Honors section 4
BSC 4931 Selected Topics - Honors Seminar I - Introduction to Biology Research 1

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

Year 3
BSC 4910 Undergraduate Research - Biology Faculty Member’s Laboratory 2

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

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

• CHEMISTRY (CHS/CHM)

The Department of Chemistry awards two degrees at the baccalaureate level, the Bachelor of Arts in Chemistry and the Bachelor of Science in Chemistry, and three degrees at the graduate level, a non thesis Master of Arts, the Master of Science and the Doctor of Philosophy. The Bachelor of Arts in Chemistry is also offered with an emphasis in Biochemistry or an emphasis for Health Professions. Each of the graduate degrees offers specialization in the areas of analytical chemistry, biochemistry, inorganic chemistry, organic chemistry and physical chemistry. The chemistry faculty is comprised of 24 full time members all of whom hold the Ph.D. degree. The combination of a large and strong faculty with a wide variety of courses and electives provides students with programs of study which can be tailored to fit individual needs while maintaining a sound background in all general aspects of chemistry.

Majors in chemistry are well prepared to enter a wide range of chemical careers as well as many interdisciplinary activities that are the hallmark of modern science and technology. These include teaching and research in academic, government and private settings, bio medical research and clinical practice, environmental activities, materials science, law, business and other professions. The Bachelor of Science is particularly designed for students wishing to continue with graduate training in chemistry and closely allied disciplines and graduates are certified for membership in the American Chemical Society. The Bachelor of Arts provides opportunities for curricula individually tailored to meet many career objectives.

General Requirements for the Majors in Chemistry

The required sequence of Chemistry courses should be started immediately in the freshman year; the mathematics and physics requirements should be completed before the junior year as preparation for CHM 3400 Elementary Physical Chemistry I (B.A. degree) or CHM 4410 Physical Chemistry I (B.S. degree), courses which are to be taken in the third year. CHM 4410 is a prerequisite to other advanced courses required for the B.S. degree in chemistry. CHM 4060 "Use of Chemical Literature" also is a prerequisite to several B.S. degree courses.

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

Liberal Arts Requirement. The student is required to complete the university's Liberal Arts Requirement. Chemistry and Mathematics courses required for chemistry degrees satisfy the Liberal Arts requirements in the areas of Natural Science and Quantitative Methods.

Free Electives. Courses over and above the required courses should be taken to complete a 120 hour program. Recommended courses are listed in the degree requirements below. Additional courses in computer programming, economics, management, engineering, statistics, writing, and other applied disciplines are strongly recommended to strengthen the degree for subsequent professional employment.

Transfer Credit: It is strongly recommended that students transferring from community/junior colleges to the University of South Florida complete whole sequences of chemistry courses, such as general and organic chemistry, before the transfer. Even though courses may carry the same common course number, topics may vary sufficiently from school to school to leave the transfer student ill-prepared to proceed within a sequence.

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

CHMX045/X045L General Chemistry I (with lab) **or** CHM 1040&1041, **or** 1045C, **or** 1045E
CHM X046/X046LGeneral Chemistry II **or** CHM 1046C, **or** 1046E
MAC 2311 Calculus I **or** MAC 2281 Eng Calculus I
MAC 2312 Calculus II **or** MAC 2282 Eng Calculus II

CHM 2210/2210L Organic Chem I & Lab **or** CHM 2210C
CHM 2211/2211LOrganic Chem II & Lab **or** CHM 2211C
OR
PHY 2048/2048L Gen Physics I & Lab or PHY 2048C, **or** PHY 2053C
PHY 2049/2049LGen Physics II & Lab or PHY 2049C, **or** PHY 2054C

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

BA in Chemistry (CHM)

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

Required Chemistry Courses (33 credit hours)

CHM 2045 General Chemistry I	(3)
CHM 2045L General Chemistry I Lab	(1)
CHM 2046 General Chemistry II	(3)
CHM 2046L General Chemistry II Lab	(1)
CHM 2210 Organic Chemistry I	(3)
CHM 2210L Organic Chemistry I Lab	(2)
CHM 2211 Organic Chemistry II	(3)
CHM 2211L Organic Chemistry II Lab	(2)
CHM 3120C Elementary Analytical Chemistry I	(4)
CHM 3400 Elementary Physical Chemistry I	(3)
CHM 3401 Elementary Physical Chemistry II	(3)
CHM 3402L Elementary Physical Chemistry Lab	(1)
CHM 3610 Intermediate Inorganic Chemistry I	(3)
CHM 3610L Intermediate Inorganic Chem. I Lab	(1)

Required Chemistry Electives (6 credit hours)

3000 level or above; may include not more than 1 hour of CHM 4970.

Suggested courses: BCH 3023, BCH 3023L, CHS 4300, CHM 4060, CHM 4070, CHM 4130, CHM 4611, CHM 4970, CHM 4932*.

*Content varies each semester.

Required Supporting Courses (14 16 credit hours)

MAC 2311 (4)	or	MAC 2281 (3)
MAC 2312 (4)		MAC 2282 (3)
PHY 2053 (3)		PHY 2054 (3)
PHY 2053L (1)		PHY 2054L (1)

Required natural science or engineering electives (8 credit hours) Suggested courses: BSC 2010, BSC 2011, GLY 2010, GLY 2100, EVR 2001, CGS 2060.

BA in Chemistry, emphasis in Biochemistry (CHM)

The Chemistry B.A. offers a unique opportunity for students to pursue later studies and/or professional emphasis in Biochemistry and Biotechnology along with a strong foundation in the chemical knowledge and skills that are essential to these areas. The following schedule of courses meets the requirements for a B.A. in Chemistry and provides core courses in other disciplines basic to biochemistry and biotechnology. Prerequisites are included in the list below.

Required Chemistry Courses (30 credit hours)

CHM 2045	General Chemistry I	(3)
CHM 2045L	General Chemistry I Lab	(1)
CHM 2046	General Chemistry II	(3)
CHM 2046L	General Chemistry II Lab	(1)
CHM 2210	Organic Chemistry I	(3)
CHM 2210L	Organic Chemistry I Lab	(2)
CHM 2211	Organic Chemistry II	(3)
CHM 2211L	Organic Chemistry II Lab	(2)
CHM 3120C	Elementary Analytical Chemistry I	(4)
BCH 3023	Introductory Biochemistry	(3)
BCH 3023L	Basic Biochemistry Lab	(2)
BCH 4034	Advanced Biochemistry	(3)

Required Chemistry Electives (9 credit hours)
Minimum of 9 hrs. selected from the following:

CHM 3400	Elementary Physical Chemistry I*	(3)
CHM 3401	Elementary Physical Chemistry II*	(3)
CHM 3610	Intermediate Inorganic Chemistry I*	(3)
CHM 3610L	Intermediate Inorganic Chem. I Lab*	(1)
CHM 4060	Use of the Chemical Literature	(1)
CHM 4300	Biomolecules I	(3)
CHM 4070	Historical Perspectives in Chemistry	(3)
CHM 4932	Selected Topics in Chemistry	(3)

*Students anticipating graduate study are advised to select these courses.

Required Supporting Courses (22 24 credit hours)

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

Other suggested electives important for advanced studies in biochemistry: CHM 4932*, CHM 4070, PCB 3063, PCB 5235, PCB 5525, STA 2023, MCB 3020, MCB 4502, PCB 4253, PCB 5845, EVR 2001.
*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 2045	General Chemistry I	(3)
CHM 2045L	General Chemistry I Lab	(1)
CHM 2046	General Chemistry II	(3)
CHM 2046L	General Chemistry II Lab	(1)
CHM 2210	Organic Chemistry I	(3)
CHM 2210L	Organic Chemistry I Lab	(2)
CHM 2211	Organic Chemistry II	(3)
CHM 2211L	Organic Chemistry II Lab	(2)
CHM 3120C	Elementary Analytical Chemistry I	(4)
BCH 3023	Introductory Biochemistry	(3)
CHS 4300	Fundamentals of Clinical Chem.	(3)
CHS 4301L	Fundamentals of Clinical Chem. Lab	(2)

Required Chemistry Electives (9 credit hours)
Minimum of 9 hours selected from the following:

BCH 3023L	Basic Biochemistry Lab	(2)
BCH 4034	Advanced Biochemistry	(3)
CHM 3400	Elementary Physical Chemistry I*	(3)
CHM 3401	Elementary Physical Chemistry II*	(3)
CHM 3610	Intermediate Inorganic Chemistry*	(3)
CHM 3610L	Intermediate Inorganic Chem Lab*	(1)
CHM 4060	Use of the Chemical Literature	(1)
CHM 4070	Historical Perspectives in Chemistry	(3)

Required Supporting Courses (22 24 credit hours)

MAC 2311 (4)	or	MAC 2281 (4)
MAC 2312 (4)		MAC 2282 (4)
PHY 2053 (3)		PHY 2054 (3)
PHY 2053L (1)		PHY 2054L (1)
BSC 2010 (3)		BSC 2010L (1)
PCB 4723 (3)	or	PCB 3023 (3)
PCB 4723L (1)		PCB 3023L (1)

Other suggested electives important for advanced studies in health professional vocations: BSC 2011, 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.

BS in Chemistry (CHS)

The Bachelor of Science in Chemistry is a rigorous program that supplies the foundation in chemistry required for both the student who begins a chemical vocation immediately upon graduation as well as the one who pursues advanced study in chemistry or related areas. In accord with this goal, the curriculum for the B.S. degree in Chemistry meets the requirements for degree certification by the American Chemical Society. Because of the strong base developed in this curriculum, the B.S. in Chemistry also provides entry into other chemistry related advanced studies. Prerequisites are included in the list below.

Required Chemistry Courses (50 credit hours)

CHM 2045	General Chemistry I	(3)
CHM 2045L	General Chemistry I Lab	(1)
CHM 2046	General Chemistry II	(3)
CHM 2046L	General Chemistry II Lab	(1)
CHM 2210	Organic Chemistry I	(3)
CHM 2210L	Organic Chemistry I Lab	(2)
CHM 2211	Organic Chemistry II	(3)
CHM 2211L	Organic Chemistry II Lab	(2)
BCH 3023	Introductory Biochemistry	(3)
CHM 3120C	Elementary Analytical Chemistry I	(4)
CHM 3610	Intermediate Inorganic Chemistry I	(3)
CHM 3610L	Intermediate Inorganic Chem. I Lab	(1)
CHM 4060	Use of the Chemical Literature	(1)
CHM 4130C	Methods of Instrumental Analysis	(4)
CHM 4131C	Methods of Chemical Investigation	(4)
CHM 4410	Physical Chemistry I	(3)
CHM 4411	Physical Chemistry II	(3)
CHM 4412	Physical Chemistry III	(3)
CHM 4611	Advanced Inorganic Chemistry	(3)

Required Supporting Courses (20 23 credit hours)

MAC 2311 (4)	or	MAC 2281 (3)
MAC 2312 (4)		MAC 2282 (3)
MAC 2313 (4)		MAC 2283 (3)
PHY 2048 (3)		PHY 2049 (3)
PHY 2048L (1)		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 2010, BSC 2011, GLY 2010, GLY 2100, EVR 2001, CGS 2060, CGS 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. Students apply for a minor when submitting a graduation application (i.e., there is no need to "declare" a minor).

Biomedical Science majors: eight hours of approved Chemistry coursework must be completed at USF.

Required Chemistry Courses (14 credit hours)

CHM 2045	General Chemistry I	(3)
CHM 2045L	General Chemistry I Lab	(1)
CHM 2046	General Chemistry II	(3)
CHM 2046L	General Chemistry II Lab	(1)
CHM 2210	Organic Chemistry I	(3)
CHM 2210L	Organic Chemistry I Lab	(2)
CHM 4060	Use of Chemical Lit.	(1)
OR		
CHM 4932	Selected Topics in Chemistry	(1)

Chemistry Electives (Minimum 10 hours)

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

NOTE: In all laboratory classes the lecture is PR/CR.

BCH 3023	Introductory Biochemistry	(3)
BCH 3023L	Basic Biochemistry Lab	(2)
CHM 2211	Organic Chemistry II	(3)
CHM 2211L	Organic Chemistry II Lab	(2)
CHM 3120C	Elementary Analytical Chemistry	(4)
CHM 3610	Intermediate Inorganic Chemistry	(3)
CHM 3610L	Intermediate Inorganic Chem. Lab	(1)
CHM 3400	Elementary Physical Chemistry	(3)
CHM 4300	Biomolecules	(3)
CHM 4932	Selected Topics in Chemistry*	(1-3)
CHS 4300	Fund. Clinical Chemistry	(3)

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

Teacher Education Programs

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

• COMMUNICATION (SPE)

Communication focuses on the concepts, theories, and practice of human communication. Students apply their understanding of communication research and principles to personal, professional, and community relationships and concerns.

The department encourages students to tailor their program of study to meet their own interests. Majors select from one of three areas of concentration: Performance Communication, Interpersonal and Organizational Communication, or Public and Cultural Communication.

The Honors Program in Communication allows qualified students to pursue advanced study. A minor in Communication is also available.

Requirements for the Major in Communication

A major in Communication requires a minimum of 36 credit hours from departmental offerings. A final grade of "D" within a departmental course will not be counted toward a Communication major. Courses may not be taken S/U where a grade option exists.

Prerequisites (State Mandated Common Prerequisites)

Students must complete SPC 2600, Public Speaking, before being admitted to the Communication major. A student can be admitted to the university without SPC 2600, but it must be completed as part of requirements for the major. A grade of "C" is the minimum acceptable grade.

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

I. Prerequisites (3 hours)

This course is a prerequisite for declaring the communication major.

SPC 2600 Public Speaking (3)

In addition, admittance to the major is limited to those students who have completed at least 30 hours of college level work and have achieved an overall grade point average in all college courses of 2.5 or above.

II. Core Distribution Requirements (12 hours)

Students must take each of these four courses as early as possible in the major. These courses are prerequisites for taking many of the more advanced courses in the respective areas.

COM 2000	Introduction to Communication	(3)
ORI 2000	Introduction to Communication as Performance	(3)
SPC 3301	Interpersonal Communication	(3)
SPC 2541	Persuasion	(3)

III. Area of Concentration (9 hours)

Students must take a minimum of nine hours in one of the three areas of concentration.

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

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

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

IV. Departmental Electives (12) hours

Students must take twelve additional hours of elective coursework in the Department of Communication at the 3000-level or higher, which must include at least six hours from outside the student's "area of concentration."

The following three classes count as electives outside the area of concentration for everyone (regardless of the concentration chosen):

COM 3122 Interview Communication
SPC 3601 Advanced Public Speaking
SPC 4930 Selected Topics Course (titles and topics vary each semester)

Communication Honors Program

The Honors Program in Communication provides an opportunity for exceptional undergraduate students in Communication to work closely with a faculty member in an intensive research experience. Each Honors student is required to complete and defend an undergraduate Honors Thesis. Application to the program ordinarily occurs during the second semester of the junior year or prior to completion of 90 semester hours. Admission to the program is based on the student's overall academic record, performance in communication courses, and recommendations of faculty. To be admitted to the program, a student should have at least a 3.5 GPA in all communication courses and a 3.0 cumulative GPA. Students are required to complete 3 hours of Honors Reading and 3 hours of Honors Thesis. Students interested in the Honors Program should consult the department for further information about admission and program requirements.

Requirements for the Minor in Communication

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

SPC 2600 Public Speaking (3)
COM 2000 Introduction to Communication (3)

The other 12 hours may be selected from among departmental offerings and must include a minimum of 6 hours at the 3000-level or higher. A grade of "D" will not be counted toward a Communication minor. Courses may not be taken S/U where a grade option exists.

• COMMUNICATION SCIENCES AND DISORDERS (LSH, ITT, DST)

The undergraduate program in Communication Sciences and Disorders (CSD) offers three curriculum concentrations that lead to the B.A. degree. 1) The undergraduate concentration in Speech-Language-Hearing Science (LSH) provides pre-professional study that prepares the student for Master's level preparation in Speech-Language Pathology, or Deaf Education, or for entry into the clinical Doctor of Audiology degree (AuD). 2) The undergraduate curriculum in the Deaf Studies (DST) concentration focuses on the study of deaf culture through the development of communicative proficiency in ASL and prepares the individual to work with the deaf in a variety of social service settings. 3) The Interpreter Training (ITT) undergraduate curriculum prepares individuals to work in educational setting with students who require assistance with educational skills due to their hearing impairment or deafness. Students interested in these concentrations should contact the Department of Communications Sciences and Disorders regarding academic advising. The Department also offers the Master's of Science degree in Speech-Language Pathology and Deaf Education and a doctor of Audiology Degree is awarded.

Concentrations in Communication Sciences and Disorders (CSD)

Recommended Prerequisites (State Mandated Common Prerequisites)

Students are encouraged to complete the A.A. degree at the community college. Some courses required for the Speech-Language-Hearing (LSH) or Deaf Studies (DST) major may also meet General Education Requirements thereby transferring maximum hours to the university.

Students entering the university with fewer than 60 semester hours of acceptable credit, must meet the university's entering freshman requirements including ACT and SAT test scores, GPA, and course requirements.

Students who plan to major in LSH and DST are encouraged to complete the following prerequisites during the program of study at the community college:

I. ANT 2000 Introduction to Anthropology 3
or
PSY 2012 Psychological Science I 3
or
SYG 2000 Introduction to Sociology 3

II. And each of the following:
STA 2122 Social Science Statistics (or equivalent) 3
BSC 1085 Human Anatomy & Physiology I 3
BSC 1085L Human Anatomy & Physiology I Lab 1
BSC 1086 Human Anatomy & Physiology II 3
BSC 1086L Human Anatomy & Physiology II Lab 1
or equivalent work such as:
BSC 2093 Human Anatomy & Physiology I 3
BSC 2094 Human Anatomy & Physiology II 3
or
PHY 2020 Conceptual Physics 3

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

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

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

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

Students are encouraged to join the USF chapter of the National Student Speech-Language-Hearing Association. This group is affiliated with the American Speech-Language -Hearing Association (ASHA) and has many membership benefits.

A. General Information and Upper-level Requirements for the Degree

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

B. Prerequisites for Admission

1. Required Courses
BSC 1085 Human Anatomy and Physiology I
BSC 1085L Human Anatomy and Physiology I Lab
BSC 1086 Human Anatomy and Physiology II
BSC 1086L Human Anatomy and Physiology II Lab
or
BSC 2093 Human Anatomy & Physiology I
BSC 2094 Human Anatomy & Physiology II
or
PHY 2020 Conceptual Physics
Courses in this category must be completed with a minimum grade of "C."

2. Recommended Courses
LIN 3010 or LIN 3801 or CGS 2060 or SPA 3002

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

1. Required Courses
   3 credit hours - see major advisor
2. STA 2122 (3) or equivalent
3. Additional Courses (3 credit hours)
   SYG 2000 or ANT 2000 or PSY 2012 or equivalent

D. Speech--Language--Hearing Concentration (LSH) (min. 39 credit hours)

Coursework is sequenced for the LSH concentration in Speech--Language--Hearing Science. All students must complete study in basic knowledge of the communication sciences and in basic knowledge of communication disorders. Upon admission to the concentration, each student will be assigned an advisor to provide guidance in academic planning.

The course of study includes:
SPA 3004 (3)
SPA 3011 (3)
SPA 3030 (3)
SPA 3101 (3)
SPA 3310 (3)
SPA 3612C (4) (Recommended)
SPA 4613C (4) (Recommended)
SPA 4614 (4)
SPA 4617 (3)
SPA 4632 (3)
SPA 4930 (3)

Students interested in teacher certification in deaf education must complete required education courses in addition to all CSD requirements listed under Sections B, C and D. Effective July, 1989, the academic requirement for employment in the public school system for Speech-Language Pathologists is the Master's degree.

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

New students are not being admitted to the DST Major for the 2004/2005 year while the curriculum is being restructured.

The DST concentration seeks to educate students to communicate with the deaf and to apply this knowledge in work settings where knowledge of the deaf culture is essential for the provision of social services. This DST concentration is not intended to prepare interpreters for the deaf although exceptionally proficient students may qualify as interpreters. This concentration also does not qualify students for admission into the M.S. programs in Speech-Language Pathology or Deaf Education, nor the Doctor of Audiology Program. Those students choosing to become teachers of the deaf must pursue the LSH concentration in Speech-Language-Hearing Science and obtain the M.S. degree in Aural Rehabilitation/Deaf Education.

General admission requirements and recommendations for DST are identical to the LSH concentration in Speech-Language-Hearing Science. The specific course of study for the DST concentration also assumes that the student has completed an A.A. degree or its equivalency. Upon admission to the concentration, each student will be assigned an advisor for the purpose of academic planning. The following courses are included in the major:

SPA 3002 (3)	SPA 3310 (3)	SPA 4614 (4)
SPA 3004 (3)	SPA 3612 (4)	SPA 4617 (4)
SPA 3030 (3)	SPA 4613 (4)	SPA 4632 (3) or SPA 3633 (3)

Other electives (6).

F. Interpreter Training Concentration (ITT)

The ITT concentration seeks to educate students to become interpreters for deaf individuals. A program of 56-59 credit hours is planned for the student majoring in the Interpreter Training concentration. Course content is distributed across five categories of information and skills necessary for a career in Interpreting:

1. Role of the Interpreter in various settings
2. Cognitive, Psychosocial, and Language Development of Hearing and Deaf Children in Public Schools
3. Techniques and Applications of Interpreting
4. Professional Practices of the Interpreter
5. Internship

General education requirements as well as liberal arts exit requirements for ITT are identical to those for DST and LSH concentrations. The specific course of study for the ITT concentration assumes that the student has completed an A.A. degree in Interpreter Training or its equivalent. Additionally, prerequisites include proficiency in ASL signing and interpreting skills. Upon admission to the concentration, each student will be assigned an advisor for the purpose of academic planning. Interested students should contact the coordinator of the Interpreter Training Program in the Department.

Prerequisites for Admission

Required Courses

SPA	3612C	Basic American Sign Language
SPA	3650	Fundamentals of Interpreting
SPA	3651	Intermediate Interpreting/Transliterating
SPA	4613C	Intermediate American Sign Language
SPA	4614C	Advanced American Sign Language
SPA	4615C	American Sign Language IV
SPA	4617	Structure of Sign Language
SPA	3633	American Deaf Culture
or		
SPA	4632	Nature and Needs of the Deaf and Hard of Hearing

The following courses are included in the major:
EDF 3214 or DEP 3103 (3)

EDF 3604	(3)	EEX 4070	(2-3)	ISS 3010	(3)
SPA 3004	(3)	SPA 4617	(4)	SPA 4663	(3)
SPA 3660	(3)	SPA 4652	(3)	SPA 4663L	(1)
SPA 3660L	(1)	SPA 4662	(3)	SPA 4685	(4)
SPA 3673	(3)	SPA 4662L	(1)	SPA 4930	(3)
				SPA 4654	(3)

Graduation within the ITT major also requires successful completion of either the Educational Interpreter Evaluation (EIE) or the Quality Assurance (QA) screening.

Minimum Grade for Majors

A student must receive a "C" grade or better in all courses within the major and those that are required prerequisites. Any student who receives a grade of "D" or lower in more than two USF Communication Sciences and Disorders courses will be automatically barred from continuing as an undergraduate major in LSH, DST, or ITT. Grade forgiveness may be used for two courses only and may be used only for course work taken in the first year of study at the 3000 level. Courses that comprise the second year of the major or those at the 4000 level may not be repeated.

Honors Program

The Honors Program in Communication Sciences and Disorders (LSH, ITT) provides outstanding undergraduates with advanced, individualized training in their areas of interest as well as additional research training. Admission to the Honors Program requires the student to submit evidence of (1) having completed 70 hours of college level course work with a 3.25 average or better, (2) 9 credit hours within the Communication Sciences and Disorders (CSD) curriculum with at least a 3.5 average in these courses, and (3) a letter of recommendation from a CSD faculty member. After acceptance to the Honors Program, the student will complete the requirements for the major with a GPA above 3.5 for courses taken within the department and an overall GPA above 3.25. The Honors Student will complete 6 credit hours in advanced level courses that pertain to the major, complete 2 credits in Honors Colloquia and write an Honors Thesis.

Requirements for the Minor in American Sign Language

Students seeking a minor in American Sign Language must complete a minimum of 17-18 credits:

1. A minor must include these four courses:
   SPA 3612C Basic ASL
   SPA 4613C Intermediate ASL
   SPA 4614C Advanced ASL
2. SPA 4632 Nature and Needs of the Deaf and Hard of Hearing
   or
   SPA 3663 American Deaf Culture
3. SPA 4615C ASL IV
   or
   SPA 4617 - Structure of Sign Language
4. Students seeking a minor in ASL must complete 12 of the 17-18 credit hours at USF.
5. A GPA of 2.0 or better must be achieved in minor course work in order for a student to be certified for graduation with a minor in American Sign Language.

• CRIMINOLOGY (CCJ)

The major in Criminology provides students with an in-depth exposure to the total criminal justice system including law enforcement, detention, the judiciary, corrections, and probation and parole. The program concentrates on achieving balance in the above aspects of the system from the perspective of the criminal justice professional, the offender, and society. The program provides a solid background in the theory, issues and methodology comprising Criminology.

The objective of the undergraduate program in Criminology is to develop a sound educational basis either for graduate work or for professional training in one or more of the specialized areas comprising the modern urban criminal justice system.

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

Transfer students should be aware that by university regulation they are obligated to establish academic residency by completing the equivalent of one academic year (30 semester hours) in "on-campus" courses. All undergraduate transfer students electing Criminology as their major will be required, moreover, to take a minimum of 30 credit hours in major coursework at the University of South Florida. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Requirements for the Major in Criminology

A minimum of 36 semester hours is required of all undergraduate majors in Criminology including:

1. Each of the following core courses:
   CCJ 3024 (3)* CCJ 3610 (3)*
   CCJ 3701 (3)** CCJ 4934 (3)
2. At least two of the following substantive courses:
   CJL 3110 (3) CJE 4114(3)
   CJL 4410 (3) CJC 4010(3)
   CJE 4010 (3)
3. 18 semester hours of electives within the major.

* These are gateway courses and are required for all other coursework in the major or minor; therefore, they need to be taken first.

**Students who plan to continue on to graduate school must also take CCJ 4700 as one of their electives within the major.

NOTE: No more than six (6) hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major.

These residence requirements are designed to ensure that transfer students who subsequently receive their baccalaureate degree from the University of South Florida with a major in Criminology will have been exposed to the same body of knowledge in their major as those students who complete all or a major portion of their coursework at the University of South Florida.

Any student who receives a grade of "D" or lower in more than one USF CCJ course will be automatically barred from continuing as a Criminology major.

Requirements for the Minor in Criminology

The Department of Criminology offers a minor in Criminology. The minor consists of:

1. Two required courses:
   CCJ 3024 (3) CCJ 3610 (3)
2. The selection of four of the following 3 hour courses for a total of 18 semester hours:
   CJL 3110 CCJ 3621
   CJE 4114 CJL 4410
   CJC 4010 CJE 4010

Students must receive approval from the Department prior to starting their minor work. A minimum of 9 semester hours must be completed at USF. Students minoring in Criminology are subject to the Department's "2 D" Rule.

• ECONOMICS (ECO)

Economics offers a clear and logical way of thinking about complicated issues such as unemployment, inflation, pollution, and crime. The department offers broad course choices allowing students to tailor their programs to provide training for professional careers in business, teaching, government, and law. Students interested in majoring or minoring in economics should contact the undergraduate advisor in the Economics Department for more information.

Requirements for the Major in Economics

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: The State of Florida has identified common course prerequisites for the major in Economics. These courses must be completed with a minimum grade of "C" before the degree is granted. If the courses are not transferred in, they may be taken at USF.

ECO X013 Economic Principles: Macroeconomics
and
ECO X023 Economic Principles: Microeconomics
or
ECO XXXX and ECO XXXX

Coursework in the Economics Major:
A student may earn a Bachelor of Arts degree with a major in Economics by satisfactorily completing 33 credits in Economics in addition to college requirements. The 33 credits must include:

ECO 2013 Economic Principles: Macroeconomics (3)
ECO 2023 Economic Principles: Microeconomics (3)
ECO 3101 Intermediate Price Theory (3)
ECO 3203 Intermediate Macroeconomics (3)
QMB 2100 Business and Economic Statistics I (3)
QMB 3200 Business and Economics Statistics II (3)
Economics electives numbered 3000 or higher (15)

ECO 3100, Managerial Economics, may be substituted for ECO 3101. Students may not take both ECO 3100 and ECO 3101 for credit.
ECO 1000 (if taken before both ECO 2013 and ECO 2023) may be substituted for a maximum of 3 hours of upper level elective credit.
Students must obtain a grade of "C" or higher in ECO 3101 or ECO 3100 in order to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite.
No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914.
At least 12 hours of upper level credit must be taken in residence at USF.
Economics majors working at the regional campuses may not be able to fulfill all economics course requirements at those campuses.

Requirements for the Minor in Economics

All students, regardless of college, can earn a minor in Economics by satisfactorily completing 18 hours in Economics including:

ECO 2013 Economic Principles: Macroeconomics (3)
ECO 2023 Economic Principles: Microeconomics (3)
Economics electives numbered 3000 or higher (12)

ECO 1000, if taken before both ECO 2013 and ECO 2023, may be substituted for 3 hours of upper level electives. Before being recognized as a minor in economics a student must obtain program approval by the Economics Department Undergraduate Advisor. A grade point average of 2.0 or higher must be achieved in the minor course work at USF and in all minor courses completed at any institution. At least 9 hours must be taken in residence at USF.

The Economics Pre-Law Curriculum

Economic principles provide the foundation for much of our legal system. Economics offers a series of courses to provide the abstract and applied skills required by those seeking legal careers.

Beyond ECO 2013 Economic Principles: Macroeconomics and ECO 2023 Economic Principles: Microeconomics, students should elect ECP 4451 Law and Economics, ECP 3413 Economics of Regulation and Antitrust, and ECO 4505 Economics of Crime. Additional courses of interest are ECO 4504 Public Finance, ECP 3530 Economics of Health, ECP 3302 Environmental Economics, ECP 3203 Labor Economics, and ECP 3201 Economics of Women and Work.

The Economics Pre Law Curriculum fits easily within the Economics major or minor but is open to other students. The Economics Department Undergraduate Advisor has helpful advice for students taking the Law School Admissions Test (LSAT) or applying for admission to law schools.

Five-year Bachelor/Master Degree Program

This program allows superior students with strong analytical skills and the ability to handle a fast paced, challenging program the opportunity to complete both the Bachelor and Master degrees in economics in five years.

The program requires the 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 Graduate Program Director in the Department of Economics stating your qualifications and desire to enter the program. To plan your program, or for additional information, see the Undergraduate Advisor in Economics.

• ENGLISH (ENG)

Requirements for the Major in English

Prerequisites (State Mandated Common Prerequisites)

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

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

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless 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
   AML 3032 American Literature 1860-1912
   AML 3051 American Literature 1912-1945
2. Four of the following:
   ENL 3015 British Literature to 1616
   ENL 3230 British Literature 1616-1780
   ENL 3251 British Literature 1780-1900
   ENL 3273 British Literature 1900-1945
   ENL 3331 Early Shakespeare or
   ENL 3332 Late Shakespeare
3. Five of the following, at least two of which must be from Group A:
   Group A
   AML 4111 19th Century American Novel
   AML 4121 20th Century American Novel
   ENL 4122 British Novel through Hardy
   ENL 4132 British Novel: Conrad to the present
   ENL 4311 Chaucer
   ENL 4338 Advanced Studies in Shakespeare
   ENL 4341 Milton
   LIT 3101 Literature of the Western World Through the Renaissance
   LIT 3102 Literature of the Western World Since the Renaissance
   Group B
   AML 3031 American Literature to 1860
   AML 3032 American Literature 1860-1912
   AML 3051 American Literature 1912-1945
   AML 3604 African-American Literature
   AML 4261 Literature of the South
   AML 4330 Selected American Authors
   ENG 4060 History of the English Language
   ENL 3015 British Literature to 1616
   ENL 3230 British Literature 1616-1780
   ENL 3251 British Literature 1780-1900
   ENL 3273 British Literature 1900-1945
   ENL 3331 Early Shakespeare
   ENL 3332 Late Shakespeare
   ENL 4303 Selected British Authors
   LIN 4671 Traditional English Grammar
   LIN 4680 Structure of American English
   LIT 3022 Modern Short Novel
   LIT 3043 Modern Drama
   LIT 3073 Contemporary Literature
   LIT 3144 Modern European Novel
   LIT 3374 Bible as Literature
   LIT 3410 Religious and Existential Themes
   LIT 3700 Survey of Poetry
   LIT 4930 Selected Topics in English Studies
4. ENG 4013 Literary Criticism (Required for Literature majors)

OPTION II: Creative Writing

This option is designed for aspiring writers of fiction or poetry. In addition to giving credit for writing through a variety of course offerings, it provides information about procedures for publishing.

1. *Writing Requirements*
   CRW 3111 Form & Technique of Fiction
   or
   CRW 2100 Narration & Description
   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 2100 or CRW 3111must be taken before any other courses in the Fiction series, and CRW 3311 must be taken before any other courses in the Poetry series.
2. *Literature Requirements*
   The student must select seven literature courses from those listed in OPTION I. Two courses must be from Group 1, two courses from Group 2, and three courses from Group 3 and/or Group 4.

OPTION III: Professional and Technical Writing

This 36-hour program allows undergraduates to concentrate their studies in professional writing, wherein they will master special writing skills demanded by industry, business, government, and the professions. The English Department may arrange semester-long internships with local businesses, industries, and professional organizations. Interns will earn three credit hours and, in some cases, receive compensation from their employers for their duties.

Students choosing this concentration will also assure themselves of a core of liberal arts studies since they must take 21 credit hours of literature courses in addition to 15 hours of composition courses.

1. *Composition requirements*:
   Five of the following:
   CRW 2100 Narration and Description
   ENC 2210 Technical Writing
   ENC 3213 Professional Writing
   ENC 3310 Expository Writing
   ENC 4260 Advanced Technical Writing
   ENC 4311 Advanced Composition
   ENC 4931 Selected Topics in Professional and Technical Writing
2. *Literature requirements*:
   The student must select seven literature courses from those listed in OPTION I. Two courses must be from Group 1, four courses from Group 2, and one course from Group 3 and/or Group 4.

Requirements for the Minor in English

English and American Literature Minor (15 hours)

1. *One of the following*:
   AML 3031 American Literature to 1860
   AML 3032 American Literature 1860-1912
   AML 3051 American Literature 1912-1945
2. *Two of the following*:
   ENL 3015 British Literature to 1616
   ENL 3230 British Literature 1616-1780
   ENL 3251 British Literature 1780-1900
   ENL 3273 British Literature 1900-1945
   ENL 3331 Early Shakespeare
   ENL 3332 Late Shakespeare
3. *One course at the 4000 level listed in major OPTION I*
4. *One additional 3000- or 4000-level course accepted for the major with AML, CRW, ENC, ENG, ENL, LIN, or LIT prefix.*

Creative Writing Minor (15 hours)

1. CRW 3111 Form & Technique of Fiction
   or
   CRW 2100 Narration & Description
   CRW 3311 Form & Technique of Poetry
   Any two of the following:
   CRW 3112 Fiction I
   CRW 3121 Fiction II
   CRW 3312 Poetry I
   CRW 3321 Poetry II

CRW 4120 Fiction III
CRW 4320 Poetry III
CRW 4930 Selected Topics in Creative Writing
2. One AML or ENL course listed in OPTION I.

Professional and Technical Writing Minor (15 hours)

1. ENC 2210 Technical Writing
ENC 4260 Advanced Technical Writing
Any two of the following courses:
CRW 2100 Narration & Description
ENC 3213 Professional Writing
ENC 3310 Expository Writing
ENC 4311 Advanced Composition
ENC 4931 Selected Topics in Professional and Technical Writing
2. One AML or ENL course listed in OPTION I

English Honors program

The Department of English Honors Program will provide a carefully selected group of seniors with opportunities for advanced scholarship:

A. Closer contact with faculty tutors than students in the regular major program;
B. An opportunity to work and exchange ideas in the stimulating environment of a small group of fellow students with similar aims and abilities;
C. An opportunity to develop individual initiative and sophisticated critical skills.

The English Honors Program will benefit those interested in graduate work, advanced professional study, or greater intellectual challenges.

Admissions Criteria

Students may apply for the program after completing 80 hours of course work (90 before actual admission). Applicants should have a GPA of 3.3 in the major and an overall GPA of 3.0 and should submit signatures of recommendation from two English faculty supporting their applications.

After screening all applications, the department's Honors Committee will select participants for each year's program.

Requirements for Completion of Departmental Honors

1. The Honors student will complete the requirements of his/her chosen English major as described in the current catalog.
2. In addition to the requirements of the major, the student will take two (three-hour) Honors seminars during the first semester of his/her senior year. Both courses should help the student in selecting a topic for his/her Honors thesis.
3. During the second semester of the senior year, the Honors student will enroll for three thesis hours. The Director of the English Honors Program will serve as instructor of record for the thesis hours. Under the direction of the instructors of the Honors seminars and/or the Director of the English Honors Program, the student will choose a member of the English Department faculty to serve as director or his/her thesis and one or two additional faculty members to serve as readers of the thesis. The student must satisfy the following requirements:
   a. Complete both Honors seminars with a 3.3 GPA;
   b. Complete all remaining major requirements with a 3.3 GPA and remaining academic course work with an overall GPA of 3.0;
   c. Submit an acceptable thesis to the Departmental Honors committee.
4. The student who completes all requirements above will graduate with Honors in English. The credit hours completed within the program by the student who does not complete all Honors requirements will, of course, count toward the baccalaureate degree.

The Honors Committee will disqualify any student from the program who does not complete the Honors seminars with at least a 3.3 GPA.

Honors students failing to complete a thesis within two years after acceptance into the program will be notified by the Honors Committee of their dismissal from the program.

• ENVIRONMENTAL SCIENCE AND POLICY (EVR)

The status of the earth's environment has been a major concern since the 1960s. As we enter the 21st century, it represents one of the most critical issues facing nearly all nations individually as well as the earth community as a whole. Increased population, technology, globalization and diminishing natural resources all play an important role in the changing environment. As a consequence, governments at all levels are devoting resources to help understand the problems that we are facing and to aid in their mitigation. This includes everything from public education to cleaning up toxic waste sites.

The environmental industry is a growing arena for employment for degree holders at all levels. Students completing the Bachelor of Science (B.S.) in Environmental Science and Policy have found employment with government agencies (city, county, state, and federal), private industry, and non-profit organizations. Examples of careers include field scientist, research scientist, policy analyst, lobbyist, conservationist, and educator. Some also go on to attend graduate or law school.

The B.S. in Environmental Science and Policy was approved in 1995. This interdisciplinary program spans multiple colleges within the university but is housed in the College of Arts and Sciences. All students must complete the University's General Education Requirements. All majors in the program must complete the required courses including two introductory courses in environmental science and policy, 2 semesters each of general biology and general chemistry, environmental ethics, environmental politics and policy, statistics and physical science (either geology or physics). In addition, majors take 6-7 courses that allow them to sub-specialize in science or in policy. Students choosing to sub-specialize in science take 2 semesters of calculus, 1 semester of organic chemistry and lab, and 4 electives within designated tracks. Students choosing to sub-specialize in policy take environmental law and environmental economics and 4 electives within designated categories. Finally, all majors must complete an upper division seminar and an internship or project. The Program Advisor advises ESP majors.

Requirements for the Major in Environmental Science and Policy

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. *There are no State Mandated Common Prerequisites for this degree program.*

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

Students are encouraged to complete the following required supporting major courses prior to entering the university. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

BSC 2010, 2010L & BSC 2011, 2011L
Biology I and II with Lab 8
and
CHM 2045 & CHM 2045L General Chemistry & Lab 4
CHM 2046 & CHM 2046L General Chemistry II & Lab 4
plus
STA 2023 Statistics 3
One approved Geology or Physics Course with Lab 4

The calculus sequence is only required for students pursuing the ESP-Science concentration.
MAC 2241 & MAC 2242 Life Sciences Calculus 4
or
MAC 2281 & MAC 2282 Engineering Calculus 4
or
MAC 2311 & 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
EVR 4910 ESP Project
or
EVR 4940 ESP Internship
BSC 2010 Biology I
BSC 2010L Biology Lab I
BSC 2011 Biology II
BSC 2011L Biology Lab II
CHM 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

Statistics
STA 2023 Introductory Statistics
or
QMB 2100 Business and Economic Statistics
or
EGN 3443 Engineering Statistics
Geology or Physics
GLY 2010 Dynamic Earth
GLY 2015L Essentials of Geology Lab
or
GLY 2100 Historical Geology
GLY 2015L Essentials of Geology Lab
or
PHY 2048 General Physics
PHY 2048L General Physics Lab
or
PHY 2053 General Physics
PHY 2053L General Physics Lab
Science Track
MAC 2241 Life Sciences Calculus I
MAC 2242 Life Sciences Calculus II
or
MAC 2281 Engineering Calculus I
MAC 2282 Engineering Calculus II
or
MAC 2311 Calculus I
MAC 2312 Calculus II
and
CHM 2210 Organic Chemistry
CHM 2210L Organic Chemistry Lab
Policy Track
ECP 3302 Environmental Economics
POS 3697 Environmental Law

Science Track
MAC 2241 and MAC 2242 **OR** MAC 2281 and MAC 2282 **OR** MAC 2311 and MAC 2312 and CHM 2210 and CHM 2210L plus 4 electives from one of the following tracks: Restoration, Water Quality, Environmental Monitoring or Marine Resources. Please contact the Program office for a current list of electives under these categories.

Policy Track
ECP 3302 and POS 3697
plus four approved policy-related electives.
Please contact the Department office for a current list of electives under this category. The Department is located in SCA 238 or you may call (813) 974-2739.

Requirements for the Minor in Environmental Policy

A total of 19-20 credits are required for the minor in Environmental Policy, 12 of which must be completed at USF. The Minor in Environmental Policy consists of the following program outline:
Required core courses:
EVR 2001 Introduction to Environmental Science
EVR 2001L Introduction to Environmental Science Lab
EVR 2861 Introduction to Environmental Policy
Three of the following four courses:
PUP 4203 Environmental Politics and Policy
PHI 3640 Environmental Ethics
ECO 3302 Environmental Economics
(prerequisite: ECO 2023 Microeconomics)
POS 3697 Environmental Law
Plus on approved policy-related elective. Please contact the department office for a current list of electives under this category.

• GEOGRAPHY (GPY)

The degree program in Geography consists of 10 courses (41 hours total), 5 of which are core courses required of all majors. Further, students choose either the Urban or Environmental track for their remaining courses. Both tracks offer an applied and techniques orientation for the student that is stressed through coursework, advising, and through the core course structure for the major. The Environmental track focuses on major environmental systems including the hydrosphere, atmosphere, pedosphere, and biosphere. Particular emphasis is placed on the human modification of the natural environment and the global interconnections of the major earth systems. The Urban track focuses on the social and spatial effects of the growth of cities, including issues such as the historical evolution of urban form and function, land-use changes and conflicts, economic restructuring, the growth and decline of inner-cities, and urban racial and ethnic relations.

Requirements for the Major in Geography

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

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

GEO XXXX	3
GEO XXXX	3

Two introductory courses in Geography with GEO prefix.

Upper-level Course Requirements

A major in Geography consists of 11 courses as follows:

Required core courses (6 courses + lab):

GEO 3013 Intro to Physical Geography	(3)
GEO 3013L Intro to Physical Geography Lab	(1)
GEO 3402 Human Geography	(4)
GEO 3180 Digital Thematic Mapping	(4)
GEO 3164C Quantitative Methods	(4)
GEO 4933 Geography Colloquium	(1)
GEAXXXX One course with GEA prefix	(4)

Supporting Courses (5 courses):

Majors will select among courses in the Urban and Environmental tracks for their additional coursework. They must take an additional 5 courses, 2 of which *may* be outside of their track. If more than 1 course is taken outside of the track, 1 of them *must* be a techniques (elective) course. The following list designates supporting courses by track (or elective technique).

Urban Track Courses:

GEO 3602 Urban Geography	(4)
GEO 4502 Economic Geography	(4)
GEO 4604 Advanced Urban Geography	(4)
GEO 4700 Transportation Geography	(4)
GEO 4470 Political Geography	(4)
URP 4052 Urban and Regional Planning	(4)
GEO 4421 Cultural Geography	(4)
GEO 4340 Natural Hazards	(4)

Environmental Track Courses:

GEO 4201C Advanced Physical Geography	(4)
GEO 4210 Process Geomorphology	(4)
GEO 4280C Hydrology	(4)
GEO 4340 Natural Hazards	(4)
GEO 4372 Global Conservation	(4)
MET 4002 Climatology	(4)
MET 4010C Meteorology	(4)
GEO 4300 Biogeography	(4)
GEO 4244 Tropical Meteorology	(4)

Techniques Courses (electives):

GEO 4114C Geographic Techniques and Methodology	(4)
GEO 4131C Remote Sensing of the Environment	(4)
GEO 4151C Geographic Information Systems (GIS)	(4)

*Courses **Excluded** as Electives for the major:*

GEO 1930 Geography of Current Events	(4)
GEO 2371 Earth System Science	(3)

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

GEO 4900 Directed Reading	(1-4)
GEO 4910 Individual Research	(1-4)

Requirements for the Minor in Geography

A minor in Geography consists of 16 credit hours, with a minimum grade-point average of 2.0. The required courses are:

GEO 3013 (3) GEO 3013L (1) GEO 3402 (4)

One GEA elective (4) and one upper level GEO, MET or URP elective (3000-5000 level) (4).

Students may not apply upper level Geography electives to the Geography minor that are being used to satisfy their major requirements.

• GEOLOGY (GLY)

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

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

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

Prerequisites (State Mandated Common Prerequisites)

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

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

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

CHM 1045/1045L General Chemistry I (with lab)
or CHM 1045C or CHM 1045E
CHM 1046/1046L General Chemistry II (with lab)
or CHM 1046C or CHM 1046E
GLY 2010C Introduction to Physical Geology
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 2010, GLY 2030, GLY 2038, GLY 2040, and OCE 2001 (3)
      2) GLY 2015L (1)
      *Transfer students who have taken GLY 2010C and GLY 2100C or the equivalent will be deemed to have met the introductory sequence requirements. However, ALL students are strongly encouraged to

take GLY 2015L, as this course will greatly facilitate success in the upper-level offerings.

b. Junior-level sequence (28 hours):
- GLY 3311C The Solid Earth: Petrology and Geochemistry (4)
- GLY 3420C The Solid Earth: Plate Tectonics and Earth Structure (4)
- GLY 3552C Sedimentary Record 1: Sedimentary Processes and Petrology
- GLY 3720C Fluid Earth 1: Basic Principles (4)
- GLY 4104C Sedimentary Record 3: Paleontology and Earth Evolution (4)
- GLY 4554C Sedimentary Record 2: The Earth's Surface (4)
- GLY 4822C Fluid Earth 2: Hydrogeology

c. Senior-Level Sequence (12 hours):
- GLY 4866 Computational Geology (3)
- GLY 4921 Geocommunications (3)

2. Supporting Courses for the B.A. Degree (24 hours):
- CHM 2045, 2045L, CHM 2046, 2046L
- MAC 2241, 2242 or MAC 2311, 2312 or MAC 2281, 2282

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

Requirements for the Major in Geology (BS)

1. Geology courses (44 hours):

a. Introductory Sequence* (4 hours):
1) One course chosen from GLY 2010, GLY 2030, GLY 2038, GLY 2040, and OCE 2001 (3)
2) GLY 2015L (1)
*Transfer students who have taken GLY 2010C and GLY 2100C or the equivalent will be deemed to have met the introductory sequence requirements. However, ALL students are strongly encouraged to take GLY 2015L, as this course will greatly facilitate success in the upper-level offerings.

b. Junior-level sequence (28 hours):
- GLY 3311C The Solid Earth: Petrology and Geochemistry (4)
- GLY 3420C The Solid Earth: Plate Tectonics and Earth Structure (4)
- GLY 3552C Sedimentary Record 1: Sedimentary Processes and Petrology (4)
- GLY 3720C Fluid Earth 1: Basic Principles (4)
- GLY 4104C Sedimentary Record 3: Paleontology and Earth Evolution (4)
- GLY 4554C Sedimentary Record 2: The Earth's Surface (4)
- GLY 4822C Fluid Earth 2: Hydrogeology

c. Senior-Level Sequence (12 hours):
- GLY 4866 Computational Geology (3)
- GLY 4921 Geocommunications (3)

and either:
- GLY 494XL Practical and Applied Geology (6)
Must take at least one each of computational, field, and laboratory experience

or,
- A Geologic Field Course and/or Summer Research Experience, as defined and approved by the Department Undergraduate Committee. Non-traditional research experiences (i.e., NSF-supported Research Experiences for Undergraduates summer programs) are acceptable provided the student concurrently registers for six hours of Geologic Field Studies (GLY 4780) to meet credit hour requirements, and their research supervisor provides the Undergraduate committee with an assessment of student activities during the program.

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

Liberal Arts Requirements

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

Free Electives (19-25 hours)

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

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

Geology Honors Program

The purpose of the Honors Program is to provide a select group of undergraduate geology majors an opportunity to undertake an intensive, individualized research experience. The culmination of the program is the completion and presentation of an honor's thesis. To apply, interested students should contact the geology undergraduate advisor during the second semester of the student's junior year. Admission to the program requires a GPA of 3.5 in the major and an overall GPA of 3.2.

Requirements for the Minor in Geology

16 credit hours are required, which must include the completion of the introductory sequence courses (4 hours) and any three of the Junior-level sequence courses (12 hours).

Teacher Education Programs

Prospective elementary and secondary school teachers desiring to teach science should include basic courses in geology and related sciences as part of their curriculum.

• GERONTOLOGY (GEY)

Gerontology is the study of the process of human aging in all its many aspects: physical, psychological, and social. In the School of Aging Studies, the academic home of the gerontology programs, particular emphasis is placed upon applied gerontology, with the goal of educating students who in their professional careers will work to sustain or improve the quality of life of older persons. Since Gerontology is an interdisciplinary field, dual majors with other departments are encouraged. The School of Aging offers the degrees of Bachelor of Arts in Gerontology, Bachelor of Science in Gerontology, a minor in Gerontology, and Master of Arts in Gerontology. The School of Aging also hosts the university-wide Ph.D. in Aging Studies, and offers 4 graduate certificates in Gerontology.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the

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 Science Statistics **or** QMB 2150, STA 2022, STA X013, STA X014, STA X040, STA X023, STA X024, **or** QMB X100

For those seeking the Bachelor of Arts degree, students should complete STA X122 (Social Science Statistics) at the lower level prior to entering the university. If this course is not taken at the community college, it must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade. Acceptable substitutes for STA X122 are: QMB 2150 or QMB X100, STA 2022, X013, X014, X040, X023, or X024. There are no other common prerequisites for the Gerontology program leading to the Bachelor of Arts degree.

Requirements for the Major in Gerontology (B.A.)

The Bachelor of Arts Degree in Gerontology entails 36 semester hours of required course work. In this program the course of study is intended to provide students with a liberal education in gerontology and some exposure to the various career opportunities in the field of aging. This degree is especially appropriate for students who plan to pursue graduate or professional work in gerontology, or some other field, or who plan to work with older adults in careers 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:

BUL 3320	Law and Business I	(3)
GEY 3601	Physical Changes and Aging	(3)
GEY 4327	Long Term Care Administration I	(3)
GEY 4328	Long Term Care Administration II	(3)
GEY 4329	Long Term Care Administration III	(3)
GEY 4360	Gerontological Counseling	(3)
GEY 4641	Death and Dying	(3)
GEY 4945	Field Placement	(9)
MAN 3025	Principles of Management	(3)
MAN 3240	Organizational Behavior Analysis	(3)
MAN 3301	Human Resource Management	(3)

Students also complete the following fifteen (12) hours of prerequisites: ACG 2021, ACG 2071, CGS 2100, and GEY 2000.

These courses are intended to reflect educational requirements mandated by the State of Florida and specified in Chapter 21z.11 of the Florida Administrative Code.

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

GEY 2000 at this university or its equivalent at another institution is required as a gerontology prerequisite. ACG 2021 and ACG 2071 taken at this university or elsewhere will satisfy accounting prerequisites.

Students interested in either the B.A. or the B.S. option should contact the Department as early as possible in their careers at the University of South Florida.

Requirements for the Minor in Gerontology

An undergraduate minor in Gerontology is available for students interested in pursuing careers in conjunction with any undergraduate major, but it should be particularly beneficial to persons majoring in such disciplines as anthropology, business, communication sciences and disorders, government and international affairs, nursing, psychology, health care, social work, and sociology. Requirements for the minor in Gerontology are a total of 15 hours of the following courses:

Required:

GEY 2000	Introduction to Gerontology	(3)

Required: Choose 2 of the following 3 courses

GEY 3601	Physical Changes and Aging	(3)
GEY 3625	Sociocultural Aspects of Aging	(3)
GEY 4612	Psychology of Aging	(3)

Electives:

Six additional GEY credit hours.

• GOVERNMENT & INTERNATIONAL AFFAIRS (INT/POL/PAD)

The Department of Government and International Affairs includes programs in International Studies, Political Science, and Public Administration. Its goal is to provide students the opportunity to study the nature of government, politics and administration at the local, national and international levels, as well as the interdisciplinary nature of the international system. Towards that end it offers students a choice of two undergraduate degrees, one in International Studies and another in Political Science. The Department of Government and International Affairs provides students with a range of courses of study and areas of concentration, including electives offered through the Public Administration program. For more specific details students are advised to consult the description of each specific program below.

INTERNATIONAL STUDIES (INT)

The major in International Studies enables students to undertake programs of study which emphasize (a) preparation for careers in international activities, or (b) the study of

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

Requirements for the Major in International Studies

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

While the INT program does not have mandatory prerequisites, a student may apply up to 10 credit hours of lower level courses from the following list: AFS 2250, Culture and Society in Africa, ANT 2410, Cultural Anthropology; GEA 2000, World Regional Geography; CPO 2002, Comparative Politics; INR 2002, Introduction to International Relations; REL 2300, Introduction to World Religions; or GEB 2350, Doing Business Around the World.

Upper-level Course Requirements

The major consists of a minimum of 37 semester hours. At least 18 of these hours (six courses) must be from the International Studies Program offerings. The six required courses are

INR 3003 Introduction to International Studies (3)
INR 3081 International Issues and Actors (3)
INR 3038 International Wealth and Power -*SS* (3)
INR 4936 Senior Seminar -*MW* (3)

Plus one topical and one area studies course chosen from the INT upper division electives.

It is recommended that the student complete INR 3003 before taking INR 3081.

The additional 19 hours may be selected from elective courses from within the International Studies Program or from course offerings of other departments, which are approved by the major advisor as having adequate international or cross-cultural content.

With the approval of the major advisor, credits earned in INR 4900 (1-3) and INR 4910 (1-3) may be used to augment or substitute for the foregoing requirements. Students are encouraged, but not required, to engage in study abroad programs, a large number of which have been approved by the USF International Affairs Center. Credits earned in such programs apply toward graduation and many also apply to the INT major. A limited number of internships in the Tampa Bay area are available to provide students with real-world experience while earning credits in the major. Also, USF is affiliated with The Washington Center, an internship program in the nation's capitol.

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)

Plus 3 upper level courses chosen from the International Studies Program's offerings.

Each student's program must be planned with the International Studies Program major advisor, who is empowered to approve appropriate substitutions when educationally justified.

POLITICAL SCIENCE (POL)

The undergraduate program leading to the B.A. degree in political science offers a general purpose degree, and a number of more specialized alternatives. The program is designed for students interested in and seeking to understand political problems, issues, and the nature of the political process, as well as the philosophical and legal basis of political structures and processes at local, state, national, and international levels. Satisfying the degree requirements prepares students for positions in the public and private sectors, for law school, for graduate work in political science, international relations, public administration, and related disciplines, for positions in education, and for applied political activity.

Requirements for the Major in Political Science

Prerequisites (State Mandated Common Prerequisites)

Students should complete any two introductory courses with a POS, INR or CPO prefix (ideally POS 1041 or POS 2041, and POS 1112 or POS 2112) at the lower level prior to entering the university. If these introductory courses are not taken at the community college, they must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade.

Upper-level Course Requirements

A minimum of 36 credit hours is required to satisfy the requirements of the major. Students must take the 12 credit hours of required core courses in political science. No more than six credit hours can be taken from POS 4905, POS 4910, and POS 4941. Students enrolled in the Washington, D.C. semester program may have this rule altered by their advisor. (A GPA of 3.0 is required to enroll in these courses; the Chair may grant special exception for students with a GPA between 2.70 and 2.99).

In addition, all Political Science majors are required to take at least 3 credit hours of Economics (See your advisor for recommendations).

Students transferring credit hours toward a major in political science must complete a minimum of 21 credit hours within the Department, regardless of the number of credits transferred.

The undergraduate curriculum in political science is composed of the following:

Required Core Courses (12 credit hours)

CPO 2002 Introduction to Comparative Politics (3)
or
INR 2002 Introduction to International Relations (3)
and

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

Note that either CPO 2002 or INR 2002 must be taken as a core course. However, the other course not taken as a core course may be taken as an elective.

Students should complete POT 3003 and POS 3713 by the end of their junior year; students transferring with 45 credit hours or more must complete these courses within their first two semesters in residence at USF. A grade of "C" or better is required in all core courses.

Students must choose electives from the seven fields (24 credit hours) with at least one course from Field I, one course from Field II or III, and one course from any of Fields IV, V, VI, or VII. Core courses must be completed before a course from a given field or field grouping can be taken.

Field I **Political Theory**
POT 3013 (3) POT 4064 (3) POT 5626 (3)
POT 4054 (3) POT 4204 (3)

Field II **Comparative Government and Politics**
CPO 4034 (3) CPO 4930 (3) CPO 5934 (3)

Field III **International Relations**
INR 3102 (3) INR 3370 (3) INR 4403 (3)
INR 3038 (3) INR 4035 (3) INR 4502 (3)
INR 3336 (3) INR 4254 (3) INR 4334 (3)
INR 5086 (3)

Field IV **American National and State Governments**
POS 2080 (3) POS 3273 (3) POS 4413 (3)
POS 2112 (3) POS 3453 (3) POS 4424 (3)
POS 3173 (3) POS 4204 (3) POS 5094 (3)
POS 3182 (3) PUP 4323 (3)

Field V **Urban Government and Politics**
POS 3142 (3) POS 4165 (3) URP 4050 (3)
POS 3145 (3) POS 5155 (3) PUP 4534 (3)

\Field VI **Public Policy**
INR 3102 (3) INR 4334 (3) POS 3145 (3)
PUP 4002 (3) PUP 4007 (3) PUP 4203 (3)
PUP 4323 (3) PUP 4534 (3) PUP 5607 (3)
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 academic advisors who must approve the final version of the thesis;
c) students will publicly present their thesis and provide a copy of it to the department after the final draft has been approved;
d) the thesis must be at least 50 pages long, contain an abstract, table of contents, bibliography and footnotes/endnotes;
e) all theses are due during the last week of classes for the semester in which the student is currently enrolled.

Requirements for the Pre-Law Plan in Political Science

The Political Science Program offers a pre-law plan designed for the undergraduate students who are considering a career related to law (Courses on Law and Politics are listed under Field VII of the Political Science undergraduate curriculum). The courses making up the field are of particular interest to law-oriented students, but may be taken by others as well. Majors are required to complete courses that can help them develop necessary skills to study law. Students receive the skills and information needed for entry into a number of law-related positions in business and government. Please see the departmental pre-law advisor to obtain more information about the pre-law plan.

Prior to admission to law school, a student must take the Law School Admission Test (LSAT), as given by the Educational Testing Service of Princeton, New Jersey.

The Law School Admission Test is given simultaneously several times each year at the University of South Florida and numerous other testing centers throughout the state. Students should plan to take the test at least one year prior to planned enrollment in law school. Additional information is available from the Department of Government and International Affairs, University of South Florida.

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and

when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

AMH 2010 American History I (3)
AMH 2020 American History II (3)
ENC 3310 Expository Writing (3)
EUH 1000 World Civilization I (3)
EUH 1101 World Civilization II (3)
POS 2112 State and Local Government (3)
SPC 2600 Public Speaking (3)

International Affairs Focus in Political Science

The area of Political Science offers a number of courses that prepare students for graduate study in International Relations and career opportunities in private or public transnational organizations.

Basic courses in the area include:

INR 2002 Introduction to International Relations
CPO 2002 Introduction to Comparative Politics
INR 3102 American Foreign Policy

In addition, Political Science offers the following upper-level courses:

CPO 4034 Politics of Developing Areas
CPO 4930 Comparative Politics of Selected Areas
INR 4334 Defense Policy
INR 4035 International Political Economy
INR 4403 International Law
INR 4502 International Organizations
CPO 5934 Selected Topics in Comparative Politics
INR 5086 Issues in International Relations

Students desiring careers in international affairs or international administration are encouraged to supplement these courses with courses offered in International Studies, Management, Economics, Business Administration, Foreign Languages, and Public Administration.

Public Administration (PAD)

The Public Administration Program offers courses that serve as electives for undergraduate students. Completion of these courses will benefit those students preparing for a career in local, state, or federal agencies of government, nonprofit organizations, and special service districts and/or graduate work in public administration and related fields. The courses listed below may be taken for undergraduate credit. Please note that the 5000-level courses listed are available to seniors and graduate students only.

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 5853 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 32 semester hours is required for a major in history. A minimum grade of "C" or better must be attained in each course counted toward the 32-hour requirement. However, grades of "D" or "F" in history coursework will be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. If students transfer with fewer than 60 semester hours of acceptable credit, they must met the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students at a community college planning to transfer to USF and major in history are encouraged to complete as many of the lower level requirements as possible at the community college level. Courses that fulfill the General Education/Gordon Rule requirement would be especially valuable. The minimum acceptable grade for courses being transferred for history department credit is a "C." If these courses have not been completed satisfactorily upon enrolling at USF, they must be taken before the degree is granted.

Lower-level Course Requirements for the Major

A minimum of 12 hours of 2000 level courses, or their equivalent, constitute the lower level requirements. Two of these courses must be sequential. Students may choose from introductory courses in the fields of Ancient, Medieval, Modern European, or American history to fulfill this two-course sequence. The remaining hourly requirements may be filled by taking any of the other 2000 level history courses.

Upper-level Course Requirements for the Major

A minimum of 20 hours of course work from the 3000-4000 level is required to fulfill the 32-hour minimum requirement. Two of these courses, the Pro-Seminar and the Theory of History courses are required for all majors. These courses may only be taken in the last two semesters prior to graduation and may not be taken during the same semester. The remaining 12 hours of credit may be chosen from the department offerings each semester. It is recommended that history majors take ENC 3310, "Expository Writing," SPC 2600, "Public Speaking," and LIS 2937, "Library/Internet Research Skills." Additional hours can be profitably drawn from the following disciplines: Africana Studies, American Studies, Anthropology, Classics, Economics, Geography, Government and International Affairs, Psychology, Philosophy, Religious Studies, Sociology, Women's Studies, Literature, the Humanities, and the Fine Arts. Majors intending to pursue graduate work should take a minimum of two years of classical or modern foreign language.

Open University courses and exit courses titled "Issues in History" (HIS 3938) and "War and Society" (HIS 3308) are not eligible for major field credit.

Requirements for the Minor

The minor in History entails a 15-hour program organized and contracted by the student and the department around the specific needs of the student's major program. A minimum of 8 hours must be completed at the University of South Florida and the student must maintain a 2.0 GPA in the minor. A minimum grade of "C" or better must be attained in each course. One lower-level sequence is required, earning 6 credit hours. The department will supervise certification of the minor. Students interested in a minor in history are encouraged to see the History department advisor as early in their undergraduate program as possible.

Open University courses and exit courses titled "Issues in History" (HIS 3938) and "War and Society" (HIS 3308) are not eligible for minor field credit.

• 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. HUM 2211 (Studies in Culture: the Ancient through the Medieval Periods) and HUM 2243 (Studies in Culture: the Renaissance through the Twentieth Century), six credit hours
2. 19 credits of upper-level Humanities courses (3000 or 4000 level)
3. HUM 3395 (Themes in Humanities), three credit hours, and HUM 4931 (Seminar in Humanities), four credit hours. HUM 3395 is offered only in fall semester. HUM 4931 is offered only in spring semester.
4. Two or more classes in the creative or performing arts, either lower or upper level, totaling at least four semester hours.
5. Majors must earn a "C" or better in all Humanities courses.

Requirements for the Minor in Humanities

The curriculum for the Humanities minor is comparable to that of the program for the B.A. degree, but it is less comprehensive. Course requirements are as follows:

1. Eighteen semester hours of Humanities courses.
2. Not over eight of these eighteen hours may be taken below the 3000 level.

AMERICAN STUDIES (AMS)

The American Studies major is designed for students who seek to understand the cultural patterns, beliefs and values that have unified and sometimes divided Americans. American Studies is an interdisciplinary program that emphasizes the diversity of American people and institutions; the importance of gender, race, ethnicity and social class; the material and technological foundations of American society; the development of distinctive regions within the United States; and creative expression in art, architecture, film, literature, music and photography.

Requirements for the Major in American Studies

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the

university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

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

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

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

AMH 2010	American History I	(3)
AMH 2020	American History II	(3)
ENC 1101	Composition I	(3)
ENC 1102	Composition II	(3)
POS 2041	American National Government	(3)

Course Requirements for the American Studies Major

36 credit hours, distributed as follows:

1. One 2000-level survey course, **either** AMS 2201 (Colonial American Culture), AMS 2212 (Nineteenth-Century American Culture) or AMS 2270 (Twentieth-Century American Culture). 3 credits.
2. AMS 2030 (Introduction to American Studies). 3 credits
3. One additional 3000-level **period** course (e.g. AMS 3230, AMS 3001, AMS 3260). 4 credits.
4. One 3000- or 4000-level **regions** or **genre** course (e.g. AMS 3210, AMS 3601, AMS 4152, PGY 3000). 3 or 4 credits.
5. AMS 4804 (Major Ideas in America). 3 credits.
6. One 4000-level Research Seminar (AMS 4935 or AMS 4936). 4 credits.
7. 6 additional AMS credit hours.
8. 9-10 additional credit hours of supporting courses to be chosen in consultation with the undergraduate advisor.

Requirements for the Minor in American Studies

18 credit hours distributed as follows:

1. One 2000-level survey course (AMS 2201, AMS 2212, AMS 2270). 3 credits.
2. AMS 2030 (Introduction to American Studies). 3 credits.
3. 6 additional AMS credit hours.
4. 6 additional credit hours of supporting courses to be chosen in consultation with the undergraduate advisor.

• INTERDISCIPLINARY NATURAL SCIENCES (INS)

The Interdisciplinary Natural Science degree serves the academic and career goals of undergraduate students who seek a broad education in the Natural Sciences (Biology, Chemistry, Physics, Mathematics, Geology).

For information on teacher certification in science or mathematics, prospective teachers should consult the section entitled Teacher Education Programs and also consult the College of Education section of the catalog.

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

Biology I and Biology II (BSC 2010, 2010L, BSC 2011, 2011L)	8
Calculus (MAC 2241, MAC 2242 **or** MAC 2311, MAC 2312)	6-8
General Chemistry (CHM 2041, CHM 2045L, CHM 2046, CHM 2046L)	8
Organic Chemistry (CHM2210, CHM2210L, CHM2211, CHM2211L)	8
General Physics (PHY 2053, PHY 2053L, PHY 2054, PHY 2054L **or** PHY 2048, PHY 2048L, PHY 2049, PHY 2049L)	8
Introduction to Physical Geology and History of the Earth and Life (GLY 2010, GLY 2015L, GLY 2100, GLY 2100L)	8

Requirements for the Major in Interdisciplinary Natural Sciences

Coursework required for Interdisciplinary Natural Science majors:

TIER 1

Two introductory courses in each of 5 natural sciences areas (Math, Physics, Chemistry, Biology, Geology) totaling 40 hours:

Calculus I and II
(MAC 2241, 2242 or MAC 2311, 2312 or MAC 2281, 2282)
(STA 2023 could be substituted for Calculus II)

Biology I and II
(BSC 2010, 2010L and BSC 2011, 2011L)

General Chemistry I and II
(CHM 2045, 2045L and CHM 2046, 2046L)

Geology I and II
(GLY 2010, 2015L and GLY 2100, 2100L)

Physics I and II
(PHY 2053, 2053L, 2054, 2054L, or PHY 2048, 2048L, 2049, 2049L)

TIER 2

At least 8 hours of structured, upper division (3000 level or higher) courses in three of the five natural sciences areas, totaling 24 hours. All Tier 2 courses in the sciences will be selected by the individual student, but must be chosen from the list of courses approved for department Major credit.

Residency

At least 12 of the 24 hours at Tier 2 must be taken at USF.

Requirements for the Major in Biomedical Sciences (B.S.)

Biomedical Sciences is designed to fulfill the major requirements for professional schools in the Health Sciences (e.g. Medicine, Veterinary Medicine, Dentistry). Students contemplating graduate study should pursue a major in the discipline of their interest, such as Biology, Chemistry, or Microbiology. Students must attain a C- or higher in all required courses for the Major.

Required Natural Science Courses:

Biology:

BSC 2010	Biology I - Cellular Processes	(3)
BSC 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 (1)
CHM 2211 Organic Chemistry II (3)
CHM 2211L Organic Chemistry II Lab (1)
BCH 3023 Introductory Biochemistry (3)

Mathematics:
MAC 2241 Life Sciences Calculus I (4)
MAC 2242 Life Sciences Calculus II (4)
or
STA 2023 Introductory Statistics (4)

Physics:*
PHY 2053 General Physics I (3)
PHY 2053L General Physics I Lab (1)
PHY 2054 General Physics II (3)
PHY 2054L General Physics II Lab (1)
*Students may substitute Human Anatomy or Physiology I and II (BSC 2093 & 2094) for Physics I & II

Required Biology Electives:
Minimum of 6 credit hours in TWO of the following courses. One course must be with lab. Select from the following courses, noting prerequisites where applicable:
MCB 4115 Determinative Bacteriology (5)
MCB 4404 Microbial Physiology and Genetics (4)
MCB 4404L Microbial Physiology and Genetics Lab (1)
MCB 5815 Medical Mycology (3)
MCB 4502 Virology (3)
PCB 3023 Cell Biology (3)
PCB 3023L Cell Biology Lab (1)
PCB 3063 General Genetics (3)
PCB 3063L Genetics Lab (1)
PCB 4064C Experimental Genetics (3)
PCB 5235 Principles of Immunology (3)
or
PCH 6511 Tropical Health Immunology (3)
ZOO 4753C Histology

Required Natural Science Electives:
Minimum of 7 credit hours in Biology, Chemistry, or Physics. Select from the following list, noting prerequisites where applicable, and not duplicating courses used to meet the above requirements:
BCH 3023L Biochemistry Lab (1)
BCH 4034 Advanced Biochemistry (3)
CHM 3120C Elem. Analytical Chemistry (4)
CHS 4300 Clinical Chemistry (3)
CHS 4301L Clinical Chemistry Lab (2)
HSA 4120 Introduction to Public Health (3)
HSC 4554 Survey of Human Disease (3)
MCB 4115C Determinative Bacteriology (5)
MCB 4404 Microbial Phys/Genetics (4)
MCB 4404L Microbial Phys/Genetics Lab (1)
MCB 4502 Virology (3)
MCB 5206 Pub. Health/Pathogenic Micro (3)
MCB 5815 Medical Mycology (3)
PCB 3023 Cell Biology (3)
PCB 3023L Cell Biology Lab (1)
PCB 3063 General Genetics (3)
PCB 3063L General Genetics Lab (1)
PCB 4064 Experimental Genetics (3)
PCB 4723 Animal Physiology (3)
PCB 4723L Animal Physiology Lab (1)
PHZ 4731 ST: Applications of Physics to Biology and Medicine I (4)
PHZ 4732 ST: Applications of Physics to Biology and Medicine II (4)
ZOO 4753C Histology (4)

At least 12 hours of upper division required science courses must be completed as USF.

• INTERDISCIPLINARY SOCIAL SCIENCES (ISS)

The ISS program is designed to provide an interdisciplinary integration of the social sciences for students who are interested in a broad educational experience. ISS offers a wide choice of courses, and an opportunity to design a quality program geared toward individual needs and interests. Students plan their program in ongoing consultation with the advisor who approves each individual curriculum contract.

Specific requirements for a B.A. degree in Interdisciplinary Social Sciences (ISS) are outlined below:

Recommended Prerequisites (State Mandated Common Prerequisites)

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

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for the ISS degree program.

Some of the following courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses, could count toward the ISS degree. A grade of "C" is the minimum acceptable grade.
AFA 2000 Introduction to the Black Experience [In Africa and Its Diaspora] (3)
AMH 2010 American History I (3)
or
AMH 2020 American History II (3)
ANT 2000 Introduction to Anthropology (3)
ECO 2013 Economic Principles (Macroeconomics) (3)
ECO 2023 Economic Principles (Microeconomics) (3)
GEA 2000 World Regional Geography (4)
POS 2041 American National Government (3)
or
POS 2112 State and Local Government (3)
SYG 2000 Introduction to Sociology (3)
WST X015 Introduction to Women's Studies (3)

Interdisciplinary Core Courses

Two of these courses, an introductory course (3010) and the senior seminar (4935), introduce and employ the interdisciplinary social science perspective. These courses involve students in the study of human life and experience; the various concepts, theories and methods used in the social sciences; and apply them to contemporary issues and questions. Social Science Statistics is the third core course required for majors in Interdisciplinary Social Sciences.

Coursework required for Interdisciplinary Social Sciences Majors

1. Required core courses for the major are:
ISS 3010 Introduction to Social Sciences (3)
ISS 4935 Seminar in the Social Sciences -*MW* (3)
STA 2122 Social Sciences Statistics -*6A QM* (3)

2. The ISS student chooses between two cognate areas and completes twelve hours in each. In addition, three special electives emphasize cultural diversity.
3. Students should work out a program of study at the onset of their junior year, particularly before too many courses are completed in the College of Arts and Sciences. **No student should assume that courses already completed will automatically count toward the ISS degree**.
4. The completion of 42 approved hours of course work from the College of Arts and Sciences (CAS), with a minimum of 30 hours at the 3000 or above level.
5. Students must maintain a minimum grade point average of 2.0 in ISS to graduate.
6. ISS majors must satisfy two semesters of a foreign language in order to graduate.
7. Other personal curricula may be tailored for those highly motivated students, with a minimum grade point average of 3.2, developed with the approval of the advisor. This course of study will be directed toward the special educational interests of these students. An in-depth Honors Research Paper will be required of students taking this option.

No transfer courses with grades of "D" are acceptable for credit in the ISS major.

COGNATE AREAS - Students select two areas and take 12 hours in each. Cognates must be selected from the areas of study listed below:

Africana Studies, American Studies, Anthropology, Communication Sciences and Disorders, Criminology, Economics, Environmental Science and Policy, Gerontology, Geography, History, Humanities, International Studies, Latin American Studies, Library and Information Science, Political Science; Psychology; Public Administration, Religious Studies, Social Work, Sociology, and Woman's Studies.

• LIBERAL STUDIES (ALA)

The Liberal Studies degree fulfills the intent of the traditional Liberal Arts Degree and is for students who want a broad academic background to realize their academic or career goals.

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

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

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

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

• Library and Information Science (LIS)

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

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

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

For more information, visit our web site at http://www.cas.usf.edu/lis.

• MASS COMMUNICATIONS (COM)

The School of Mass Communications, accredited by the Accrediting Council on Education in Journalism and Mass Communications, offers approximately 70 courses varying in content from the highly technical and field-specialized in some cases to an essential liberal arts orientation in others. The program introduces students to the theories, principles, and problems of communications, emphasizing the concept of freedom of information as the cornerstone of constitutional democracy and preparing students for future leadership roles in communications media. Graduates should understand the structure and functions of mass media systems as well as the basic processes of communication. In addition, students specialize in an area of mass communications (advertising, journalism, public relations, or telecommunications) to blend a strong introduction to professional skills with the theoretical orientation.

Majors seeking careers in the mass media will be directed to the various media in close contact with the School for summer internships, practica and part-time work. A limited number of students will have the opportunity to serve as interns with a mass communications organization and take MMC 4945 for three hours credit. Students may not receive credit for both an internship (MMC 4945) and a practicum (ADV 4940, JOU 3940, JOU 4941, JOU 4944, PUR 4700, RTV 3941, RTV 4942, VIC 3943).

Requirements for the Major in Mass Communications

To be admitted to the core curriculum in Mass Communications, students must have completed general education requirements or a minimum of 45 hours with a 2.75 minimum Overall Grade Point Average, including ENC 1101 and 1102 with a minimum grade of "C" in each. Applicants must establish a minimum score of 60 percent on the Mass Communications English Diagnostic Test prior to entering MMC 2100 (Writing for Mass Media). (Students who transfer MMC 2100 or its equivalent must pass the Mass Communications English Diagnostic Test with a score of at least 70 percent, which is the same score required for the successful completion of MMC 2100 at USF.) Both courses in the Mass Communications core curriculum (MMC 2100 and MMC 3602) must be completed with a minimum grade of "C" before any other Mass Communications course may be taken. Students failing to achieve a minimum grade of "C" in both MMC 2100 and MMC 3602 will be disallowed as majors in the School. A 2.5 GPA in Mass Communications courses is required for graduation, and no student may graduate with a grade lower than "C" in any Mass Communications course.

The Mass Communications major requires six hours of core curriculum courses (MMC 2100 and MMC 3602) and 31 hours of a combination of required and selective sequence courses for a total of 37 hours in Mass Communications within the 124-hour degree requirement. Six hours in Mass Communications writing courses (three hours in addition to MMC 2100) are a part of the graduation requirement.

Mass Communications majors are required to take a minimum of 80 hours in courses outside the journalism and mass communications areas, with no fewer than 65 hours in the basic liberal arts and sciences. (Liberal Arts courses are listed in materials available from the School program advisor.) To facilitate this, no more than 44 hours of Mass Communications courses may be applied toward the bachelor's degree within the 124-hour graduation requirement. Mass Communications majors taking more than 44 hours of Mass Communications courses, regardless of the departments in which those courses are listed, must add those hours to the 124 hours required for graduation. In particular, film and photography courses offered in other departments may be considered to be Mass Communications courses and added to the 124-hour degree requirement.

At least twenty-two (22) hours of resident School courses are required.

All material submitted by students as assignments in writing, reporting, editing, photography and electronic news gathering and production classes is subject to publication or broadcast. The School uses a variety of print and electronic media outlets.

Sign Language may be used as an option by Mass Communications majors to fulfill the language requirement.

Most Mass Communications courses have prerequisites as specified in the course description (these prerequisites are separate from the State Mandated Common Prerequisites for program admission listed below). Refer to each prerequisite listed to determine progressive prerequisites for each course. Students also should note that the Mass Communications major is a four-semester program at a minimum and the majority of courses are offered only during the day.

Prerequisites (State Mandated Common Prerequisites)

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

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

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

English Composition (minimum grade of "C") (6)
MMC 3602 Mass Communications and Society (3)

Prior to being admitted to the School of Mass Communications, a student must:

Complete a minimum of 45 semester hours including all General Education requirements and six hours of English composition (with a minimum grade of "C"), earn a 2.75 overall GPA, and pass a School-administered English Diagnostic Test.

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

Required Upper-level Coursework for the Mass Communications Major

School Core Curriculum
MMC 2100 Writing for the Mass Media
MMC 3602 Mass Comm and Society
Sequence Requirements

1. **ADVERTISING** Requirements
   ADV 3000 Introduction to Advertising
   ADV 3101 Advertising Copywriting
   ADV 3300 Advertising Media Strategy
   ADV 3501 Advertising Research
   ADV 4800 Advertising Campaigns
   ADV 4940 Advertising Practicum
   MMC 4203 Media Ethics
   Selective Requirements (12 hours required, selected with advisor's approval)
   Other Requirements: The following courses are required outside the School to complete sequence requirements:
   ECO 1000 Basic Economics
   LIS 2937 Library and Internet Research Skills
   MAR 3023 Basic Marketing
   See specific courses for prerequisites.
2. **JOURNALISM** Requirements
   News-Editorial Option
   JOU 2100 Beginning Reporting
   JOU 3101 Advanced Reporting
   JOU 4181 Public Affairs Reporting
   JOU 4200 News Editing I
   MMC 4200 Communications Law
   MMC 4203 Media Ethics
   JOU 4206 Newspaper and News Publication Design
   or
   PGY 3610 Photojournalism I
   Selective Requirements (10 hours required, selected with advisor's approval)
   Other Requirements:
   The following courses are required outside the School to complete sequence requirements:

ECO 1000 Basic Economics
PHI 1103 Critical Thinking
POS 2041 American National Government
POS 2112 State and Local Government and Politics
or
POS 3142 Intro to Urban Politics & Government
and
SYG 2010 Contemporary Social Problems
Magazine Option
JOU 2100 Beginning Reporting
JOU 3101 Advanced Reporting
JOU 3308 Magazine Article and Feature Writing
JOU 4200 News Editing I
JOU 4212 Magazine Design and Production
MMC 4200 Communications Law
MMC 4203 Media Ethics
MMC 4420 Research Methods
Selective Requirements (7 hours required, selected with advisor's approval)
Other Requirements: The following courses are required outside the School to complete sequence requirements:
ECO 1000 Basic Economics
CRW 2100 Narration and Description
PHI 1103 Critical Thinking
POS 2041 American National Government
POS 2112 State and Local Government and Politics
or
POS 3142 Intro to Urban Politics and Government
and
SYG 2010 Contemporary Social Problems
See specific courses for prerequisites.
Visual Communications Option
Sequence Core Curriculum **(all 9 courses required):**
JOU 2100 Beginning Reporting
JOU 4200 News Editing I
JOU 4206 Newspaper and News Publication Design
MMC 4200 Communications Law
MMC 4203 Media Ethics
MMC 4936 Selected Topics: Visual Communication and New Media
PGY 3610 Photojournalism I
VIC 3001 Introduction to Visual Communications
VIC 3943 Visual Communications Practicum
Selective Requirements **(6 hours required, selected with advisor's approval)**
Other Requirements: **The following courses are required outside the School to complete the sequence requirements:**
An advisor-approved 6-hour concentration
or
ECO 1000 Basic Economics
SYG 2010 Contemporary Social Problems

3. **PUBLIC RELATIONS** Requirements
ADV 3000 Introduction to Advertising
JOU 2100 Beginning Reporting
MMC 4200 Communications Law
or
MMC 4203 Media Ethics
PUR 3000 Principles of Public Relations
PUR 3500 Public Relations Research
PUR 4100 Writing for Public Relations
PUR 4101 Public Relations Design and Production
PUR 4401 Public Relations: Issues, Practices, Prob.
PUR 4801 Advanced Public Relations
Selective Requirements (4 hours required, selected with advisor's approval)
Other Requirements: The following courses are required outside the School to complete sequence requirements:
ECO 1000 Basic Economics
LIS 2937 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
or
POS 3142 Intro to Urban Politics and Government

4. **TELECOMMUNICATIONS** Requirements
News Option
JOU 4181 Public Affairs Reporting
MMC 4200 Communications Law
MMC 4420 Research Methods
RTV 3001 Introduction to Telecommunications
RTV 3301 Broadcast News
RTV 4304 TV News
RTV 4320 Electronic Field Production
Selective Requirements (9 hours required, selected with advisor's approval)
Other Requirements:
The following courses are required outside the School to complete sequence requirements:
PHI 1103 Critical Thinking
POS 2041 American National Government
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 (MTH)

The Department of Mathematics offers a diversity of courses designed not only to enable the student to pursue a profession in mathematics itself, but also to enhance the student's

competence in the fields of engineering, the physical sciences, the life sciences, and the social sciences. The department offers programs leading to the B.A., M.A., and Ph.D. degrees. The undergraduate program emphasizes the broad nature of modern mathematics and its close associations with the real world. The program is designed to prepare students for entry into graduate school or careers in industry or secondary education.

The Department of Mathematics consists of approximately 31 full-time faculty members, whose areas of interest include: algebra, applied mathematics, approximation theory, celestial mechanics, complex analysis, dynamical systems, functional analysis, graph theory, logic, number theory, ordinary differential equations, partial differential equations, potential theory, probability theory, real analysis, statistics, theoretical computer science, and topology.

Requirements for the Major in Mathematics

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF from a Florida Community College should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

A student who transfers without an A.A. degree and has fewer than 60 semester hours of acceptable credit must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

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

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

Students must also complete two laboratory based science courses, 4 8 semester hours total, from the respective science majors: Biology, Chemistry, Geology, or Physics.

MAJOR IN MATHEMATICS

The courses taken to satisfy the requirements below will constitute the major program referred to in the general graduation requirements of the College of Arts and Sciences.

Majors are encouraged to consult the department's Undergraduate Advisor before every semester. The Undergraduate Advisor will recommend electives that are appropriate for the student's interests and goals.

Majors are encouraged to consider the Honors Program and the Accelerated BA/MA Program, which are outlined below.

1. Mathematics Requirements (Minimum 45 credit hours)

Core Requirement. Majors must complete the following five courses (20 credit hours):

MAC 2311	Calculus I	(4)
MAC 2312	Calculus II	(4)
MAC 2313	Calculus III	(4)
MGF 3301	Bridge to Abstract Mathematics	(4)
MAS 3105	Linear Algebra	(4)

Analysis Requirement. Majors must complete one of the following two courses (4 credit hours):

MAA 4211	Intermediate Analysis I	(4)
MAS 4156	Vector Calculus	(4)

Majors who complete both MAA 4211 and MAS 4156 may count one of these towards the Elective Requirement below.

Elective Requirement. Majors must complete seven courses from the following electives (Minimum 21 credit hours):

COP 4313	Symbolic Computations in Mathematics	(3)
MAA 4211	Intermediate Analysis I	(4)
MAA 4212	Intermediate Analysis II	(3)
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	(3)
MAS 5215	Number Theory	(3)
MAT 4970	Mathematics Senior Thesis	(3)
MHF 4403	Early History of Mathematics	(3)
MHF 4406	History of Modern Mathematics	(3)
MTG 4214	Modern Geometry	(3)
MTG 4302	Introduction to Topology	(3)
STA 4321	Essentials of Statistics	(3)
STA 4442	Introduction to Probability	(3)

Special Notes.

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

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

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

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

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

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

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

HONORS PROGRAM IN MATHEMATICS

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

Students are eligible for admission to the program when they

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

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

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

ACCELERATED BA/MA PROGRAM

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

The program meets all the requirements for the BA degree, but requires the student to take those graduate level courses required for the MA degree during the last two years in the program. Up to 20 hours of graduate courses may be counted towards the MA degree as well as the BA degree, but not towards the undergraduate major (that is, as free electives).

For admission to the program, a student must
1. have completed at least 30 hours of college credit including 8 hours of 3000-level or above mathematics courses,
2. have at least a 3.0 grade point average for all college courses, and
3. have at least a 3.5 grade point average for all mathematics courses taken at the 3000-level or above.

To apply for admission, send a letter to the Chair of the Department of Mathematics stating your qualifications and desire to enter the program. An important benefit of this program is that a student is eligible to apply for a graduate teaching assistantship once he or she has completed the 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	(4)
MAC 2312 Calculus II	(4)
MAC 2313 Calculus III	(4)

Or

MAC 2281 Engineering Calculus I	(4)
MAC 2282 Engineering Calculus II	(4)
MAC 2283 Engineering Calculus III	(4)

Also, both of the following:

MGF 3301 Bridge to Abstract Mathematics	(4)
MAS 3105 Linear Algebra	(4)

2. Elective Courses (Min. 6 credit hours)

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

TEACHER EDUCATION PROGRAMS

For information concerning the degree programs for secondary school teachers, see the description given in the College of Education, Department of Secondary Education.

C- GRADES

In general, grades of C- or better are required for courses in the mathematics major and minor and for prerequisite courses. However, C- is not acceptable for prerequisites for the following courses: MAC 1105, MAC 1114, MAC 1140, MAC 1147, MAC 2233, MAC 2241, MAC 2242, MAC 2281, MAC 2282, MAC 2283, MAC 2311, MAC 2312, MAC 2313, MGF 1106, MGF 1107, MGF 1131, STA 1022, STA 2023; C (2.00 grade points) or better is required in the prerequisites for these courses.

• MEDICAL TECHNOLOGY (MET)

The University of South Florida offers a four year program leading to the Bachelor of Science degree in Medical Technology. The first three years are completed on campus; the fourth year (12 months) is completed at one of five affiliated hospitals in Florida, located in Tampa, Orlando, and Jacksonville. Admission to the fourth year is limited by the number of openings in affiliated hospitals and, at the present time, is competitive. Selection for the clinical program is made by the hospitals and students not admitted to a clinical program may need to select an alternate degree. Generally hospitals require a minimum GPA of 2.5, and our students admitted to clinical programs in recent years have had a mean GPA of about 3.0.

All courses required for admission to the clinical program must be completed prior to beginning the clinical year. These requirements include:
1. A minimum of 90 semester hours (excluding physical education.)
2. All university Liberal Arts requirements.
3. Writing and computation requirements for 6A 10.30.
4. All sciences and mathematics requirements listed below, including Common Prerequisites and those specific to USF, with a “C” or higher in each course.

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

A student who transfers with fewer than 60 semester hours of acceptable credit must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade. They may be completed at a community college or other institution or at USF.

1) General Biology I with lab (4)
(e.g. BSC1010C, BSC1011C, BSC1010/1010L, BSC 1011/1011L, BSC 2010/2010L, PCB 2011C, PCB 2131/2131L, BSC 2011/2011L, ZOO 2010, ZOO 1010)
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 3703, PCB 3702, PCB 3702,3,4 (student’s choice of one of these three labs), PCB 3703C, BSC 2085C, BSC 2023C)
3) Human Anatomy and Physiology II with lab (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 2013C/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 3211/3211L, 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 2093 or BSC 1085,1085L) (3-4)
General Biology II with lab (BSC 2011,2011L) (4)
General Microbiology with lab (MCB 3020C) (4)
General Chemistry I with lab (CHM 2045,2045L) (4)
General Chemistry II with lab (CHM 2046,2046L) (4)
Organic Chemistry I with lab (CHM 2210,2210L) (4-5)
Organic Chemistry II with lab (CHM 2211,2211L) (4)
Statistics (STA 2023) (4)

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

College Algebra (MAC 1105, MAC 1140, or MAC 1147) (3-4)
Cell Biology with lab (PCB 3023,L) (4)
Immunology (PCB 5235 or PHC 6511 or equivalent) (3)
Determinative Bacteriology with lab (MCB 4115) (5)
Biochemistry (BCH 3023) (3)

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

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

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

• PHILOSOPHY (PHI)

Recommended Prerequisites (State Mandated Prerequisites)

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

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

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

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

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

Requirements for the Major in Philosophy

Majors in philosophy must complete at least 30 credit hours made up as follows:

a. PHH 3062 History of Philosophy: Ancient and Medieval
PHH 3400 History of Philosophy: Modern
b. PHI 2101 Introduction to Formal Logic
or
PHI 5135 Symbolic Logic
c. PHI 4670 Contemporary Ethical Theory
d. At least one of the following:
PHI 4300 Theory of Knowledge
PHI 5225 Philosophy of Language
PHI 4320 Philosophy of Mind
e. 6 credit hours of 4000 or 5000 level Philosophy courses
f. 9 credit hours of Philosophy electives

Requirements for the Minor in Philosophy

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

PHH 3062 History of Philosophy: Ancient and Medieval
PHH 3400 History of Philosophy: Modern
PHH 4600 Contemporary Philosophy
or
PHH 4440 Continental Philosophy
PHI 2101 Introduction to Formal Logic

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

Honors Program

The Honors Program in Philosophy allows superior students to pursue philosophical studies at a more advanced level than is customary in undergraduate philosophy programs. Students in the Honors Program will be required to do independent research, to participate in an Honors Seminar, and to write and defend an undergraduate thesis.

Admission Criteria:

1. Students must complete
PHI 2101 Introduction to Formal Logic
PHH 3062 History of Philosophy: Ancient and Medieval
PHH 3400 History of Philosophy: Modern
with a grade point average of 3.6.
2. Students must have an overall grade point average of 3.0, and their grade point average in Philosophy must be at least 3.5.
3. Students must be nominated for admission into the Philosophy program by a faculty member in Philosophy, and a majority of the faculty members who have taught

the student must approve the student's admission into the program.

Program Requirements:

Students must complete the requirements for the Philosophy major in accordance with the following provisions:

1. Students must take either PHH 4440, 19th Century Continental Philosophy, or PHH 4600, Contemporary Philosophy
2. Students must take one course from each of the following groups:

Group 1
- PHI 3404 Scientific Method
- PHI 4320 Philosophy of Mind
- PHI 4300 Theory of Knowledge
- PHI 5225 Philosophy of Language
- PHP 4784 Analytical Philosophy

Group 2
- PHI 4670 Contemporary Ethical Theory
- PHI 3601 Contemporary Moral Issues
- PHI 3700 Philosophy of Religion
- PHI 4800 Aesthetics
- PHM 3021 Philosophies of Love and Sex
- PHM 3400 Introduction to Philosophy of Law

Group 3
- PHM 3100 Social Philosophy
- PHM 4322 Ancient and Medieval Political Philosophy
- PHM 4331 Modern Political Philosophy
- PHM 4340 Contemporary Political Philosophy
- PHP 4788 Philosophy of Marxism

Group 4
- PHH 4700 American Philosophy
- PHP 3786 Existentialism
- PHP 4000 Plato
- PHP 4010 Aristotle
- PHP 4410 Kant
- PHP 4740 The Rationalists
- PHP 4745 Empiricists

3. Students must take an Honors Seminar in their senior year.
4. Students must write a senior thesis and undergo an oral examination on the thesis before a committee of two faculty members, with the Chair as an *ex officio* member of every such committee.
5. Students cannot receive a grade lower than a "B" in any Philosophy course, and their grade point average in Philosophy must be at least a 3.5 to remain, or be graduated from the Philosophy Honors program.
6. Students must complete 35 credit hours in Philosophy, including the 3-hour thesis course and the 3-hour Honors Seminar.

• PHYSICS (PHY/PHS)

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

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

Requirements for the Majors in Physics

Prerequisites (State Mandated Common Prerequisites)

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

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

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

CHM 1045/1045L General Chemistry I (with lab) **or** CHM 1040 & CHM 1041 **or** CHM 1045C **or** CHM 1045E
CHM 1046/1046L General Chemistry II (with lab) **or** CHM 1046C **or** CHM 1046E

Students must complete the **prerequisite courses** listed below prior to enrolling in upper division courses as a major. Unless stated otherwise, a grade of "C-" is the minimum acceptable grade.

MAC 2311 Calculus I **or** MAC X281
MAC 2312 Calculus II **or** MAC X282
MAC 2313 Calculus III **or** MAC X283
PHY 2048/2048L General Physics I **or** PHY 2048C
PHY 2049/2049L General Physics II **or** PHY 2049C

Coursework for Majors in Physics

1. Physics Courses

B.A. PHYSICS (PHY) (34 credit hours)

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 3221	Mechanics I	(3)
PHY 3822L	Intermediate Lab	(3)
PHY 3323	Electricity and Magnetism I	(3)
PHY 4222	Mechanics II	(3)
PHY 4930	Undergraduate Seminar	(1)
PHY 4324	Electricity and Magnetism II	(3)
PHY 4910	Undergraduate Research	(1-4)
PHY 4823L	Advanced Laboratory	(3)
PHY 4604	Intro. to Quantum Mechanics	(3)

B.S. PHYSICS (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 3221	Mechanics I	(3)
PHY 3822L	Intermediate Lab	(3)
PHY 3323	Electricity and Magnetism I	(3)
PHY 4222	Mechanics II	(3)
PHY 4930	Undergraduate Seminar	(1)
PHY 4324C	Electricity and Magnetism II	(3)
PHY 4604	Intro. Quantum Mechanics	(3)
PHY 4910	Undergraduate Research	(1-4)
PHY 4823L	Advanced Laboratory	(3)

Plus 9 credit hours of Physics electives subject to approval of undergraduate advisor.

2. Required Supporting Courses in Natural Sciences

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)
MAC 2311 or 2281 Calculus I (4)
MAC 2312 or 2282 Calculus II (4)
MAC 2313 or 2283 Calculus III (4)
MAP 2302 Differential Equations (3)

3. Liberal Arts Requirements
   [General Education Requirements (36 credit hours); Exit Requirements (9 credit hours)]
   The student is required to complete the university's Liberal Arts Requirements.
4. Free Electives
   Courses over and above required courses should be taken to complete a 120-hour program.
5. Residency Requirement
   A minimum of 20 credit hours of physics courses (see 1 above) in residency.
6. D and F grades earned in attempting to satisfy major requirements will be used in calculating the major GPA.

Requirements for the Minor in Physics

A minor in Physics consists of 19 credit hours which includes:

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

Elective Courses (Pick from list below) (8 credit hours)
PHY 3221 Mechanics I (3)
PHY 3323C Electricity and Magnetism I (4)
PHY 4604 Intro. Quantum Mechanics (3)
or Physics electives subject to approval of undergraduate advisor.

Required Supporting Courses
Correct prerequisites for any course required.

Requirements for the Minor in Biomedical Physics

A minor in Biomedical Physics consists of 16 credit hours which includes:

PHY 2048 or 2053 General Physics I (3)
PHY 2048L or 2053L General Physics I Lab (1)
PHY 2049 or 2054 General Physics II (3)
PHY 2049L or 2054L General Physics II Lab (1)
PHZ 4731 Appl of Phy to Bio. & Medicine I (4)
PHY 4732 Appl of Phy to Bio. & Medicine II (4)

This minor combines fundamental knowledge of physics acquired through the General Physics lectures and 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 minimum "C" average in the 16 credit hours is required for obtaining this minor.

Teacher Education Programs

For information concerning the degree programs for secondary school teachers, see College of Education, Department of Secondary Education; for junior college teachers, see USF Graduate Catalog.

• PSYCHOLOGY (PSY)

Psychology involves the scientific study of behavior and mental processes. Because of this focus, psychology is relevant to many other areas of study both inside and outside of the social and behavioral sciences. The undergraduate program in Psychology offers the student a well-rounded liberal arts education. In addition, the program provides excellent training for qualified students who wish to pursue graduate work in such disciplines as Clinical, Cognitive and Neural Sciences or Industrial Psychology, Education, Gerontology, Counseling, Management, Medicine, Law, and other human service programs. The undergraduate major emphasizes the breadth of psychology while allowing the student some electives to pursue in depth a particular aspect of the field. Interested undergraduate majors may apply for admission to a concentration in Applied Behavioral Analysis, or to the Honors Program. The graduate faculty of the Psychology Department are divided into three broad program areas: Clinical, Cognitive and Neural Sciences, and Industrial/Organizational. Each of these program areas offers Ph.D.-level training as well as instruction at the undergraduate level.

Requirements for the Major in Psychology

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering 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
STAXXXX Any level Statistics course (X000 - X099)
BSCXXXX Any level General Biology course (**or** BSC X200-X209, **or** ZOO X010)

Majors must complete at least 34 semester hours in the field. A minimum grade of "C-" or better must be attained in each course in the major, except for PSY 3044 and PSY 3213, where a C or better is required. Although a C- is allowable for individual courses, a major GPA of 2.0 minimum is required for graduation. All majors must complete:

Requirements for Psychology Majors

1. 2000/3000 Level Requirement (6 semester hours)
   PSY 2012 Psychological Science I (if not already t aken at a community college)
   PSY 3044 Psychological Science II
2. Methods Course Requirement (7 semester hours)
   PSY 3213 Research Methods
   and one of the following:
   CLP 4433 Tests and Measures
   PSY 4205 Experimental Design and Analysis
   or another methods course approved by the undergraduate advisor in Psychology.
3. 4000 Level Requirement (21 semester hours)
   Courses in categories 1 and 2 must be completed before any 4000 level courses are attempted. Successful completion of 7 additional Psychology courses numbered at the 4000 level selected as follows: At least two courses from each of the two groups below:

Group I
EXP 4204C Perception
EXP 4404 Psychology of Learning
PSB 4013C Physiological Psychology

EXP 4304 Motivation
EXP 4523C Cognitive Psychology

Group II

CLP 4143 Abnormal Psychology
INP 4004 Industrial Psychology
SOP 4004 Social Psychology
DEP 4005 Developmental Psychology
PPE 4004 Personality

and any 3 additional courses numbered at the 4000 level.

Note: No more than a total of 3 hours of the following courses may count toward the major:

PSY 4913 Directed Study
PSY 4970 Honors Thesis.

PSY 4932 may not count toward the major. Nor may EAB 4715 (Supervised Practicum) count towards the major for those in the Applied Behavior Analysis program.

Statistics and Biological Science are required. Otherwise, students majoring in psychology are encouraged to complete a varied undergraduate program.

A prerequisite for all 4000-level courses is a grade of "C" or better in both PSY 3044 and PSY 3213, not "C-". For students minoring in Psychology, a grade of "C" or better in any college-level statistics course will substitute for the PSY 3213.

For students majoring in Interdisciplinary Social Sciences, any college-level statistics course with a grade of "C" or better may serve as prerequisite for 4000 level courses in Psychology but does not substitute for the PSY 3213 requirement.

Requirements for the Minor in Psychology

A minor in Psychology consists of a minimum of 15 credit hours, comprising PSY 2012, PSY 3044, and any three 4000-level psychology courses except PSY 4913. Students minoring in Psychology must also obtain a "C" or better in any college level statistics course in lieu of PSY 3213, or must complete PSY 3213 with a "C" or better. A GPA of 2.0 or better in the minor is required for certification. The purpose of the minor is to help students majoring in other disciplines to obtain an appropriate psychology background that will complement their work in their major. See the Psychology Department Undergraduate Advisor for suggested minor programs for students majoring in various fields.

Concentration in Applied Behavior Analysis

Undergraduate majors working toward the B.A. in psychology may complete a structured sequence of coursework and practicum in Applied Behavior Analysis. Students are admitted to the program in the junior or senior year, after completing EXP 4404, Psychology of Learning and CLP 4414, Behavior Modification with a grade of B or better. Admission requirements further include a minimum overall USF GPA of 3.0 or better, GPA of 3.2 for Psychology coursework, completion of at least 75 hours, and three letters of recommendation. Admissions are made in the fall of each academic year. Successful completion of the concentration prepares students for employment opportunities in a variety of settings, for advanced study in Applied Behavior Analysis, and eligibility for completion of the Florida Certification Examination for Associate Behavior Analysis. Detailed information regarding the program and the admission process may be obtained from the undergraduate advisor or the program secretary.

Psychology Honors Program

The purpose of the Honors Program is to provide a select group of undergraduate Psychology majors an opportunity to undertake an intensive individualized research experience. The culmination of the Honors Program is the completion and defense of 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.

• 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 two, 15-semester hour, graduate certificate programs: (1) Addictions and Substance Abuse Counseling; and (2) Marriage and Family Therapy. The Department also offers the Addictions and Substance Abuse Counseling and Marriage and Family Therapy certificate programs as areas of concentration. Each student may elect to pursue a program of specialization in either area. The Addictions and Substance Abuse Counseling program is approved by the Certification Board for Additions Professionals of Florida (CBAPF Approved Provider #179A).

• 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. Only letter grades will be counted toward the minimum of 24 credit hours taken at the University of South Florida for transfer students or 36 (for non-transfer students) credit hours necessary to complete the 36 credit hours required for the major. Students taking Religious Studies as a second major need to complete only 30 credit hours. To do so they must make a written request to the Undergraduate Director at the time they declare their major.

All majors must take

a. REL 3003 Introduction to Religion (3)
b. REL 4939 Development of Religious Studies (3)
c. REL 4931 Seminar in Religion (3)
d. An additional 27 credit hours chosen from Religious Studies courses. Students are expected to study at least two different religious traditions.

The three required courses must be taken in the sequence given above.

All transfer students must take a minimum of 24 hours in Religious Studies courses at the University of South Florida.

It is the prerogative of the Department of Religious Studies to determine whether courses taken at other universities may be applied toward the major at the University of South Florida. This will be decided as soon as the student becomes a major in the Department of Religious Studies at the University of South Florida.

The department's course offerings are sufficiently varied that a student should expect to enroll in its scheduled classes. No more than three directed studies courses may be applied toward the major. Any student who wishes to take any type of directed study, including REL 3900, must have the (written) approval of his/her instructor.

Requirements for the Minor in Religious Studies

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

All minors must take

a. REL 3003 Introduction to Religion (3)
b. REL 4939 Development of Religious Studies (3)
c. An additional 12 credit hours chosen from Religious Studies courses. 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 Honors Program in Religious Studies

The purpose of the Honors Program in Religious Studies is to provide outstanding undergraduates with advanced and individualized learning opportunities in Religious Studies and their areas of special interest in this field. In addition it will serve to facilitate more direct contact between students in the program and their faculty mentors. In this program, students who have demonstrated significant academic achievement will inquire into issues and questions in the study of religion at an advanced level under the guidance of faculty members with demonstrated expertise in their fields of study and a strong commitment to teaching. Upon completion of the program, the student's transcript will state that the student graduated with Honors in Religious Studies. Application to the program should be submitted during a student's Junior year. The Honors Committee will review all applicants before selecting no more than 10 individuals for the Honors Programs. Inductees will be notified of their admission to the Honors Program in the Spring term.

Admissions Criteria:
1. Religious Studies majors who have completed at least 70 (and preferably less than 90) hours of course work with an overall GPA of at least 3.25.
2. Completion of REL 3003 Introduction to Religion and at least 12 additional hours of course work in the department of Religious Studies with a GPA of at least 3.5 in the major.
3. A letter of recommendation from a Religious Studies faculty member who is familiar with the applicant's work.
4. A statement from a Religious Studies faculty member expressing her/his willingness to serve as chair of the applicant's thesis committee.
5. A short essay (2-3) pages by the applicant that includes the following: (a) a statement of the applicant's qualifications for the program, (b) the applicant's area(s) of special interest, (c) an explanation of how the program will benefit from the applicant's inclusion in the program, and (d) the applicant's post-graduate plans.

Requirements for Completion of the Departmental Honors
1. Completion of the requirements for a Religious Studies major with a GPA of 3.5 or higher in the major.
2. Completion of a USF degree with an overall GPA of 3.25 or higher.
3. Completion of 4 credit hours of "Honors Seminar." Honors students will take the seminar for 2 credit hours in the Fall and 2 credit hours in the Spring.
4. Completion of 6 credit hours of Thesis/Directed Research for 3 credit hours in the Fall and 3 credit hours in the Spring. Honors students must also complete and defend their Honors thesis in the second semester of their Senior year. Students who do not complete this requirement may, upon the recommendation of their major professor and the Department Honors Program Coordinator, be allowed to continue in special circumstances.

Required Courses for the Minor:

REL 4910 Undergraduate Research	(3)
REL 4911 Undergraduate Research	(3)
REL 4937 Selected Topics: Fall Honors Seminar	(2)
REL 4938 Selected Topics: Spring Honors Sem.	(2)

• SOCIAL WORK (SOK)

The University of South Florida offers a program leading to a Bachelor of Social Work (B.S.W.) degree in the School of Social Work, College of Arts and Sciences. This program has been developed in accordance with the guidelines set forth by the Council on Social Work Education, the national accrediting body for social work education programs, and in accordance with the recommendations of the National Association of Social Workers. The B.S.W. program is fully accredited by the Council on Social Work Education. The primary objective of the B.S.W. program is the preparation of the graduate for beginning level professional practice as a social work generalist.

The secondary objectives of the B.S.W. program are to
1. Provide for the social work human resources needs of the university service district (the central Florida west coast area), the State of Florida, and the Southeast Region;
2. Prepare graduates for additional professional training at the graduate level in social work or in related human service professions;
3. Provide an exposure to social work as a profession and to contemporary issues in the social welfare field.

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

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

Enrollment in the B.S.W. program is limited. Students may apply for admission to the School for the B.S.W. program after having satisfied the admission criteria described below.

However, the completion of the prerequisites does not guarantee the student's admission to the program. Limited state funding places constraints on the size of the social work faculty and in order to maintain a high quality of instruction, it is necessary to achieve an appropriate faculty-student ratio. This means that it may be necessary to deny full admission to the B.S.W. program solely on the basis of 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, <u>even if</u> 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 3302, "Introduction to Social Work" and SOW 3203, "The American Social Welfare System," to be considered for full admission. A grade of "B-" is not acceptable in either "Introduction to Social Work" or "American Social Welfare."
6. A student must have successfully completed CLAST.

A student must achieve a GPA of 2.75 in all Social Work courses to enroll in field placement and subsequently graduate with the B.S.W. degree.

Requirements for the Major in Social Work

Prerequisites (State Mandated Common Prerequisites)

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

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

If possible, students enrolled in community colleges should take their college equivalents of common prerequisite courses (P) and cross-cultural provisional course (P*) before entering USF. All courses must be passed with a "C" or better. A grade of "C-" is not acceptable as a passing grade in any of the common prerequisite courses or the cross-cultural course.

SOW 3302 Introduction to Social Work and SOW 3203 American Social Welfare must be taken at USF or another accredited institution and must be completed, earning a grade of "B" or better. A grade of "B-" is not acceptable as a passing grade for either course.

State Mandated Common Prerequisite Courses (P)

A student must successfully complete the following courses, by earning a "C" or better. A grade of "C-" is not acceptable as a passing grade.

One course in each of the following cognate areas

XXXXXXX	American Government (American National Government or American Government)	(3)
XXXXXXX	Biology (Human Biology or Anatomy & Physiology)	(3)
ECOXXXX	Economics (Microeconomics or Macroeconomics)	(3)
XXXXXXX	Introductory Psychology	(3)
XXXXXXX	Introductory Sociology/Social Problems	(3)

At USF, the following courses are recommended to meet this requirement (one course in each area):

American Government

POS 2041	American National Government	(3)
POS 2112	State and Local Government and Politics	(3)
POS 3182	Florida Politics and Government	(3)

Biology

BSC 1005	Principles of Biology for Non-majors	(3)
BSC 2022	Biology of Aging	(3)
BSC 2025	Food: Personal & Global Perspectives	(3)
BSC 2035	Sex and Today's World	(3)
WST 2600	Human Sexual Behavior	(3)

Economics:

ECO 1000	Basic Economics	(3)

Psychology:

PSY 2012	Psychological Science I	(3)
PSY 3044	Psychological Science II	(3)

Sociology:

SYG 2000	Introduction to Sociology	(3)
SYG 2010	Contemporary Social Problems	(3)
SYD 4800	Gender and Society	(3)
SYO 3530	Poverty, Inequality, and Stratification	(3)
SYP 3000	Social Psychology	(3)
SYP 4510	Sociological Aspects of Deviance	(3)

Foundation Courses (F*) for Social Work Majors (May be completed after transferring to USF).

1. A student must successfully complete by earning a "C" or better **one** of the following cross cultural courses or equivalency. A grade of "C-" is not acceptable as a passing grade for any of the following courses.

African American Studies:

AFA 2000	Introduction to the Black Experience [In Africa and Its Diaspora]	(3)
AFA 4333	African Diaspora: Blacks in the Construction of the Americas	(3)
AFA 4335	Black Women in America	(3)
AFS 2250	Culture and Society in Africa	(3)
AMS 3700	Racism in American Society	(3)

Anthropology:

ANT 2000	Introduction to Anthropology	(3)
ANT 2410	Cultural Anthropology	(3)
ANT 3005	The Anthropological Perspective	(3)
ANT 4316	Ethnic Diversity in the USA	(3)
ANT 4432	The Individual and Culture	(3)

Sociology:

SYD 3700	Racial and Ethnic Relations	(3)

Women's Studies:

AMH 3561	American Women I	(4)
AMH 3562	American Women II	(4)
LIT 3383	The Image of Women in Literature	(3)
PUP 4323	Women and Politics	(3)
SOP 3742	Psychology of Women	(3)
WST 3015	Introduction to Women's Studies	(3)
WST 3311	Issues in Feminism	(3)
WST 4262	Literature by American Women of Color	(3)
WST 4410	Third World Women Writers	(3)

2. Both of the following Social Work courses, earning a "B" or better:

SOW 3203	American Social Welfare System	(3)
SOW 3302	Introduction to Social Work	(3)

Social Work Core Courses

1. Human Behavior and Social Environment Courses
   SOW 3101 (4) SOW 3102 (4)
2. Social Welfare: Policy & Program Course
   SOW 4233 (4)
3. Social Research Course
   SOW 3401 (4)
4. Social Work Practice Courses
   SOW 4341 (5) SOW 4343 (5)
5. Directed Field Experience
   SOW 4510 (3) SOW 4510L (6)
6. Multi-cultural America
   SOW 4522 (3)

Summary:

Core Courses	29 hours
Field Experience	9 hours
TOTAL	38 hours

• SOCIOLOGY (SOC)

Sociology is the study of social life and the social causes and consequences of human behavior. Sociologists investigate the structure of groups, organizations, and societies. Because all human behavior is social, the subject matter of sociology ranges from intimate families to hostile mobs; from crime to religion; from the divisions of race, gender, and social class to the shared beliefs of a common culture; from the sociology of work to the sociology of emotions.

The Sociology major is designed to provide students with a broad liberal arts education and a greater understanding and insight into the social systems and processes that bear upon everyday lives. Opportunities for students with Bachelor's degrees in Sociology are quite varied. Some go on to work for human service agencies; others work in personnel, criminal justice, and urban planning; others enter graduate programs in sociology, education, law, medicine, or social work. Toward these ends, all students are encouraged to become skilled in the use of computers and libraries.

Requirements for the Major in Sociology

Prerequisites (State Mandated Common Prerequisites)

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

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

Students should complete two lower level introductory courses in Sociology prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade. Students are encouraged to take the following prerequisites, or major, support, or elective courses, if available, during the program of study at the community college, and when feasible in General Education/ Gordon Rule courses.

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

Specific Coursework in the Sociology Major

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

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

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

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

Students are encouraged to make an appointment to talk with the Sociology Department Undergraduate Advisor when they have questions about major requirements or about which electives offered each semester 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.
5. Successful completion of the Honors Thesis (SYA 4910 and the thesis itself).

Applications for the Undergraduate Honors Program in Sociology are available in the Sociology Department (CPR 209).

• WOMEN'S STUDIES (WST)

Women's Studies at the University of South Florida offers an interdisciplinary field of study that features and critically examines women's experiences, taking into consideration historical, cultural, racial, class, and other differences. The department offers a B.A., a minor in Women's Studies, and a concentration in Women of Color Studies. Enhancing knowledge about feminisms and gender studies through teaching,

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, Counselor Education, Criminal Justice, Gerontology, History, Rehabilitation Counseling, Social Work, Women's Studies

Those who want to focus on women in specific disciplines or professions; and

Those whose training would benefit from a close scrutiny of the major issues facing women today.

Requirements for the Major in Women's Studies

Prerequisites (State Mandated Common Prerequisites)

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

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

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

Upper-level Coursework for Women's Studies Majors

Each major must complete 36 hours distributed as follows:

I. Required Core Courses (15 hours)

WST 3311	Issues in Feminism	(3)
WST 4310	History of Feminism in the U.S.	(3)
WST 4522	Classics in Feminist Theory	(3)
WST 4935	Capstone/Senior Project	(3)
AFA 4335	Black Women in America **OR**	
WST 4262	Literature by Women of Color in the Diaspora	(3)

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

WST 2250	The Female Experience in America	(3)
WST 3210	European Feminist History: Pre-18th Century	(3)
WST 3220	European Feminist History: 18th Century to Present	(3)
WST 3225	Women, Environment and Gender	(3)
WST 3440	Women and Social Action	(3)
WST 4260	Research Issues on Women of Color	(3)
WST 4410	Third World Women Writers	(3)
WST 4335	Women and Film	(3)
WST 4320	The Politics of Women's Health	(3)
WST 4350	Women and Science	(3)
WST 4560	Contemporary Feminist Theory	(3)
PHI 4632	Feminist Ethics	(3)
POS 4693	Women and Law I	(3)
POS 4694	Women and Law II	(3)
WST 4900	Directed Readings	
WST 4910	Directed Research	
WST 4930	Selected Topics	

(Limit to 6 credits from the following courses)

AMH 3561	American Women I	(4)
AMH 3562	American Women II	(4)
AMS 3370	Southern Women: Myth and Reality	(3)
COM 4030	Women and Communication	(3)
POS 4323	Women and Politics	(3)
REL 3145	Women and Religion	(3)
SOP 3742	Psychology of Women	(3)
SPT 2524	Women Writers of Latin America	
WST 2600	Human Sexual Behavior	(3)
WST 3015	Introduction to Women's Studies	(3)

Students electing to major in Women's Studies should consult the Undergraduate Advisor for timely scheduling of classes.

Requirements for the Minor in Women's Studies

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.

The concentration prepares students for graduate work and/or professional careers in traditional and non-traditional areas such as health and education, international relations, the creative arts, law, medicine, social work, government and public policy, the social sciences, and community organization.

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

AFA 4335	Black Women in America	(3)
WST 4260	Research Issues on Women of Color	(3)
WST 4930	Selected Topics	(1-4)
ANT 4302	Gender in Cross-Cultural Perspective	(3)
WST 4262	Literature by Women of Color in the Diaspora	(3)
WST 3412	Women in the Developing World	(3)
WST 4410	Third World Women Writers	(3)

• WORLD LANGUAGE EDUCATION

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

CLASSICS (CLS)

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

Requirements for the Major in Classics

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.

Requirements for the Minor in Classics

The minor in Classics Greek or Latin consists of 4 courses, earning a minimum of 12 credit hours, chosen from a list of approved courses with the advice of the Classics advisor, 2 of which must be successive courses in Latin (LAT 1120, LAT 1121) or in Greek (GRE 1120, GRE 1121).

Honors Program

Admissions Criteria

1. Senior status.
2. Completion of the "core" courses required for a major in the Department with a GPA above 3.5.
3. An overall GPA above 3.3.
4. Two letters of recommendation from departmental faculty followed by departmental approval.

Dismissal Procedures

The student must maintain a Departmental GPA of 3.5, must submit the Honors Thesis on time, and must pass the scheduled Departmental Honors Examination. Otherwise, the candidate receives no Honors.

Requirements for Completion of Departmental Honors:

1. Completion of requirements for a major in the Department with a GPA above 3.5 and an overall GPA of 3.3 or above.
2. Acceptance of a Senior Thesis by a committee of faculty members in the Department.
3. A grade of "A" on a sight translation from a Latin or Greek 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 and Religious Studies. The student will select four courses in the Major Field area with the approval of the Coordinator. The student must take at least one exit level course in the Major Field he/she chooses.

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

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

Requirements for the Minor in Interdisciplinary Classical Civilizations (ICC)

The ICC Minor (15 hours minimum) can be fulfilled in one of two ways:

A. Courses are divided by level, with the "field" of study unrestricted.

1. Two courses (6 hours) from the ICC Minor "Core."
   · Either
   CLA 3103 Greek Civilization (3)
   or
   CLT 3101 Greek Literature in Translation (3)
   · Either
   CLA 3123 Roman Civilization (3)
   or
   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)
   or
   CLT 3101 Greek Literature in Translation (3)
   · Either
   CLA 3123 Roman Civilization (3)
   or
   CLT 3102 Roman Literature in Translation (3)
   CLT 3370 Classical Mythology (3)
2. 9-12 hours from the Interdisciplinary Requirements. The student will complete three 3-4 credit courses, one each from three of the following four fields: (1) Anthropology, (2) History, (3) Philosophy, (4) Religious Studies. Courses are chosen with the guidance and approval of the Coordinator from the list certified for the major.

MODERN LANGUAGES (FRE/GER/GRK/ITA/RUS/SPA)

Foreign Language major programs are designed to meet the needs of students who desire competency in a language and an expanded understanding of its culture and literature. They are of particular interest to students who wish to teach languages, those who plan to further their studies in graduate school, and those who seek careers in various types of foreign or foreign-related employment, either in government or business.

Major programs leading to the bachelor of arts degree are offered in French, German, Italian, Russian, and Spanish. All major programs in foreign language require a total of 32 hours of coursework above the intermediate level. French and Spanish majors with an International Studies and Business Concentration require a total of 63 hours of coursework distributed in the three areas.

The following languages may also be taken as a minor: French, German, Italian, Latin, Modern Greek, Russian, and Spanish. The minor consists of 15 hours of course work in French and Spanish above the second-year level, and 16 hours in the other languages except for the less commonly taught languages. In order to begin taking courses for the minor, the student will have satisfactorily completed the intermediate level or have equivalent proficiency in the foreign language. Instruction in less commonly taught languages may be available upon sufficient demand.

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

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

Students should demonstrate proficiency at the intermediate level within the target language. This may be accomplished by completing 6-12 hours within the language or by demonstrated competency at the intermediate level. If this coursework (or associated competency) is not completed at the community college, it must be completed before the degree is granted. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

ECN 1101 English I (3)
ECN 1102 English II (3)
Social Science (any HIS, SOC, ANT, etc.) (6)
Humanities (any HUM) (6)
Beginning and Intermediate "Target Language" (1120, 1121, and 2200) (14-19)

Upper-level Coursework Required for Each of the Following Modern Language Majors

• French (FRE)

Required courses for the major (15 credit hours)

FRE 3230 (3) FRW 4100 (3)
FRE 2240 (3) FRW 4101 (3)
FRE 3420 (3)

Supporting courses required for the major
17 hours in 3000, 4000, or 5000 level courses planned with the advisor.
Required courses for the minor (6 credit hours)
FRE 2240 (3) FRE 3420 (3)
Supporting courses required for the minor
9 hours in 3000, 4000, or 5000 level courses except courses in translation.

• French (FRE) with an International Studies and Business Concentration

Required courses in French for the major (15 credit hours)
FRE 2240 (3) FRE 3230 (3)
FRE 3420 (3) FRE 3440 (3)
FRE 3500 (3)
Supporting courses in French required for the major (9 credit hours)
Choose from the list below:
FRE 4421 (3) FRE 4700 (3)
FRE 4930 French for Business II (3)
FRE 4930 French Phonetics (3)
FRE 5425 (3) FRE 5566 (3)
FRW 4100 (3) FRW 4101 (3)
Required courses in International Studies (9 credit hours)
CPO 2002 (3) EUS 3000 (3)
CPO 4930 Comparative Government & Politics (3)
Required courses in Business (18 credit hours)
ACG 3074 (3) ECO 1000 (3)
MAN 3025 (3) MAR 3023 (3)
FIN 3403 (3) Capstone Course (3)
Supporting courses in Business for the major (6 credit hours)
Choose any 2 upper-level international business courses.
Required overseas study courses &/or area studies courses (6 credit hours)
Select 6 overseas study credit hours or 3 credit hours overseas study plus 3 credit hours area studies courses planned with the advisor.

• German (GER)

Requirements for the major (17 credit hours)
GEW 4100 (3)
GEW 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 2200 (4) GRK 4905 (4)
GRK 2201 (4) GRK 4930 (4)

• Italian (ITA)

Required courses for the major (15 credit hours)
ITA 2240 (4) ITW 4100 (4)
ITA 3420 (3) ITW 4101 (4)
Supporting courses required for the major
17 hours in 3000 or 4000 level courses, including approved courses in related disciplines, planned with the advisor.
Required courses for the minor (7 credit hours)
ITA 2240 (4) ITA 3420 (3)
Supporting courses required for the minor
9 hours in 3000 or 4000 level courses except courses in translation.

• Russian (RUS)

Required courses for the major (14 credit hours)
RUS 3240 (4) RUT 3110 (3)
RUS 4241 (4) RUT 3111 (3)
Supporting courses required for the major
18 hours in 3000 or 4000 level courses planned with the advisor.
Required courses for the minor (8 credit hours)
RUS 3240 (4) RUS 4241 (4)
Supporting courses required for the minor
8 hours in 3000 or 4000 level courses.

• Spanish (SPA)

Required courses for the major (15 credit hours)
SPN 4301 (3) SPN 4130 (3)
SPW 4100 (3) SPW 4131(3)
SPW 4101 (3)
Supporting courses required for the major:
18 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 3440 (3) SPN 3520 (3)
SPN 3441 (3) SPN 4301 (3)
SPN 3500 (3) SPN 4410 (3)
Supporting courses in Spanish required for the major (6 credit hours)
Choose from the list below:
SPN 3340 (3) SPW 3030 (3)
SPN 3341 (3) SPW 4100 (3)
SPN 4700 (3) SPW 4101 (3)
SPW 4131 (3)
Required courses in International Studies (9 credit hours)
CPO 2002 (3) INR 1015 (3)
CPO 4930 Comparative Government & Politics (3)
Required courses in Business (18 credit hours)
ACG 3074 (3) ECO 1000 (3)
MAN 3025 (3) MAR 3023 (3)
FIN 3403 (3) Capstone Course (3)
Supporting courses in Business for the major (6 credit hours)
Choose any 2 upper-level international business courses.
Required overseas study courses and/or area studies courses (6 credit hours)
Select 6 overseas study credit hours or 3 credit hours overseas study plus 3 credit hours area studies courses planned with the advisor.

• TRACK IN INTERNATIONAL STUDIES (LATIN AMERICA) WITH A LANGUAGE (SPANISH) AND BUSINESS CONCENTRATION

Required International Studies courses (15 credit hours)
CPO 2002 (3) INR 1015 (3)
CPO 4930 (3) INR 3038 (3)
INR 2002 (3)
International Studies electives (3 credit hours)
Choose from the list below:
INR 3018 (3) POT 4109 (3)
INR 3202 (3)
Required courses in Spanish (12 credit hours)
SPN 4301 (3) SPN 3500 (3)
SPN 3440 or SPN 3520 (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

Alpha Epsilon Delta (AED) - National Premedical Honor Society - Open to all USF students with an interest in health professions. To be inducted into the national honorary, students must have 3.0 overall GPA and science GPA with a minimum of 3 semesters of college work completed, including one semester at USF. Students do not need to be in the national honorary in order to participate in the chapter at USF. For further information please go to www.ctr.usf.edu/aed.

Alpha Phi Sigma - To recognize and promote high scholastic achievement among students in the Criminal Justice major by supporting service projects, tutoring services, and other goal directed activities. For further information please call (813) 974-6217.

American Chemical Society Student Affiliate - To enhance the students' knowledge of chemistry and chemistry related fields. For further information please call (813) 974-2144, SCA 411.

American Criminal Justice Association - To offer students an organization that exposes them to career opportunities in fields related to criminology. We also provide interaction between students and professionals in the field of criminal justice. For further information please call (813) 974-6217.

American Medical Student Association (AMSA) - Open to all Pre-Medical students. AMSA sponsors student-run projects carried out at the local level that allows future physicians to work in their communities as teachers and advocates of health promotion and disease prevention. For further information please go to welcome.to/premedAMSA.

Anthropology Club - To promote and encourage an interest in Anthropology among individuals within the USF community, to provide a forum for the exchange of anthropological ideas between faculty and students, and foster an informal and creative atmosphere for interaction. For further information please call the Department Office at (813) 974-0783.

Arts and Sciences College Council - To represent the students of the College of Arts & Sciences in expressing their opinions, to help them participate in determining college policy, to provide services that may help in furthering their interests and education in the Arts and Sciences. For further information please go to BEH 201 or call (813) 974-6957.

Arts and Sciences Honor Society - To recognize high academic achievement by students in the College of Arts and Sciences. Membership is by invitation. One induction is held each year during the fall semester. For further information, check the ASHS web site at http://nosferatu.cas.usf.edu/~poonkase or call (813) 974-6957.

Association of Minority Communicators - To inform and help facilitate minority students interested in Communication about the profession and help them gain practical experience.

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

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

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

French Club - To promote the interest of the French language, Francophone culture and civilization through programs scheduled at club meetings and through social events of the club. For further information please go to CPR 419.

Gamma Theta Upsilon (GTU) - An international honor society in geography. The purposes of GTU are: to further professional interest in geography by affording a common organization for those interested in the field; to strengthen student and professional training through academic experiences in addition to those of the classroom and laboratory; to encourage student research of high quality.

Geography Club - To foster understanding of and stimulate interest in the discipline of Geography and its subfields. For further information please go to SOC 305.

Geology Club - The Geology Club at USF involves its members along with the department in many activities such as trips, annual T-shirt sales and extracurricular academic participation. These events include hosting weekly lecture series by professional geologists and providing opportunities for members to teach geology to local elementary schools. For further information please contact Dr. Jeff Ryan, SCA 507; or Geology Web Page @ www.cas.usf.edu/geology/

German Club - To promote the interest of German language, culture, and civilization through programs scheduled at club meetings and through social events of the club. For further information please go to CPR 419.

HOSA - Health Occupations Students of America (HOSA) is a national organization that supplements the health education curriculum. HOSA develops the whole person, not just job-specific skills. HOSA's purpose is to foster leadership skills, communication skills and other occupational competencies and social skills that will lead to a successful career in the health field. For further information please go to ctr.usf.edu/hosa.

Humanities and American Studies Society - This organization's stated purpose, according to its Constitution, is "to inspire a greater appreciation of our past and present through the study and enjoyment of various art forms." Activities range from gallery strolls to lectures, film series, and campus theatre performances.

International Studies Organization - To promote interaction between students and faculty. To enlighten the student populace of USF of the values of International studies and to foster gender relations among international studies majors. For further information please go to SOC 373.

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

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

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

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

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

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

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

Phi 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 www.cas.usf.edu/sac/studsoc.html.

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 www.ctr.usf.edu.

Pre-Veterinary Society - USF Preveterinary Society provides fellowship and exchange among students interested in veterinary medicine, animal science and/or research. Membership is open to students from USF and other local colleges who wish to participate in a variety of activities that will enhance their knowledge in animal science. Activities have included tours at EPCOT - the Land of the Seas, Sea World, Lowry Park Zoo, an ostrich farm, and University of Florida College of Veterinary Medicine. Students meet a variety of specialists in the area. For further information please go to www.ctr.usf.edu.

Psi Chi - Psi Chi is the National Honor Society in Psychology, founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Membership is open to graduate and undergraduate men and women who meet the minimum qualifications. Psi Chi is a member of the Association of College Honor Societies and is an affiliate of the American Psychological Association and the American Psychological Society.

Sigma Gamma Epsilon - To recognize and promote academic and professional excellence in the Earth Sciences.

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

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

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

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

Women's Studies Student Association - To promote interest in women's issues and provide an informative and social atmosphere for all interested Women's Studies' affiliates.

ARTS AND SCIENCES FACULTY

Africana Studies

Chairperson: Trevor W. Purcell; *Associate Professors:* K. R. Glover, D. G. Plant, T. W. Purcell, Cheryl R. Rodriguez; *Assistant Professor:* F. Guridy, E. Kissi; *Other Faculty:* D. Blell, C. Heglar, N. James, R. Kaplan, F. U. Ohaegbulam, L. W. Morehouse, P. J. Collins, K. Davis, S. Garcia, M. Mitchell, H. Regis, G. Rodman, A. A. Smith, E. Snow, S. M. D. Stamps, D. Thomas, B. Townsend, K. Vaz, K. Wiredu.

Aging Studies

Director: W. E. Haley; *Associate Director:* L. J. Polivka; *Professors:* W. E. Haley, C. M. McEvoy; *Associate Professors:* K. Hyer, L. J. Polivka, S.L. Reynolds, J. H. Skinner, B.J. Small; *Assistant Professors*: R. Andel, J. McIlvane, J. Salmon; *Instructor:* M. Kaplan. *Faculty Administrator:* G. E. Mitchell; *Faculty Administrator:* G. E. Mitchell; *Countesy and Adjunct Professors:* L. Branch, L. Brown, H. Caywood, Jr., D. Chiriboga, L. Dupree, M. J. Etten, Y. Jang, V. Molinari, H. Osman, P. Pickford, L. Schonfeld; *Professor Emeriti:* T. Rich, S. V. Saxon; *Associate Professors Emeriti:* J. Garcia, W. P. Mangum.

Anthropology

Chairperson: E. Bird; *Professors:* M. Angrosino, R. Baer, E. Bird, K. Borman, S. Greenbaum, J. Sokolovsky, N. White, L. Whiteford; *Associate Professors:* L. Madrigal, T. Purcell, R. Tykot, B. Weisman, K. Yelvington; *Assistant Professors:* J. Arthur, J. Gayles, D. Himmelgreen, J. Messing, N. Romero-Daza, C. Wells; *Instructor:* K. Davis-Salazar; *Courtesy Faculty:* C. Bryant, J. Coreil.

Biology

Chairperson: S. K. Pierce; *Professors:* G. W. Arendash, S. S. Bell, B. J. Cochrane, J. M. Lawrence, D. V. Lim, E. D. McCoy, P.J. Motta, H. R. Mushinsky, J. T. Romeo, P.D. Stiling, D. T. TeStrake, R. P. Wunderlin; *Associate Professors:* M. L. Dao, F. B. Essig, J. R. Garey, S. A. Karl, B. Livingston, R. Pollenz, F. Thomas; *Assistant Professors:* G. A. Fox, V. Harwood, G. Huxel, R. Sarno, K. Scott, J. Yoder; *Instructors:* A. Cleveland, P. Goldberg, J. El-Rady, A. Upodhyaya.

Chemistry

Chairperson: M. Zaworotko; *Emeritus Professors:* J. C. Davis, Jr, J. E. Fernandez, L. Mandell, T. C. Owen, B. Stevens; *Distinguished Service Professor:* D. F. Martin; *Professors:* R. S. Braman, S. H. Grossman, M. D. Johnston, Jr., M. McLaughlin, G. G. Meisels, R. M. O'Malley, R. Potter, J. Worrell; *Associate Professors*: B. J. Baker, J. P. Harmon, K. W. Jung, R. W. Larsen, A. Malik, D. J. Merkler, L.-J. Ming, J. Palmer, B. Space, E. Turos, J. E. Weinzierl; *Assistant Professors:* M. Acevedo-Duncan, K. S. Bisht, M. Eddaoudi, J. Lewis; *Research Assistant Professor:* G. R. Baker; R*etired Faculty:* F. Dudley, G. R. Jurch, P. C. Maybury, E. D. Olsen, G. Solomons, G. Wenzinger, R. Whitaker.

Communication

Chairperson: E. Eisenberg; *Professors:* A. P. Bochner, K. N. Cissna, E. M. Eisenberg, C. S. Ellis, L.S. Pettegrew; *Associate Professors:* E. E. Bell, C. J. Jablonski, N.C. James, J. Jorgenson, M. Neumann, A. D. Payne, G. Rodman, F. Steier; *Assistant Professors:* M. Chvasta, S. Holman-Jones.

Communication Sciences and Disorders

Chairperson: A. M. Guilford; *Professors:* A. M. Guilford, T. Chisolm, E. R. Silliman; *Associate Professors:* T. Champion, R. Huntley Bahr, R. Hurley; *Assistant Professors:* S. Frisch, J. Hinckley, J. Krause, J. Lister, G. Pashek, C. Rogers; *Instructors:* L. Bess, P. Blake-Rahter, P. Carr, W. Clements, J. Constantine, S. Diehl, K. Farnsworth, C. Fernandez, C. Ford, D. Freeman-LeVay, S. Graham, R. Laughlin, C. Paul, N. Patterson, K. Richardson, R. Zelski; *Emeritus Instructor:* E. A. Lee Kasan.

Community Experiential Learning

Coordinator: R.R. Jones.

Criminology

Chairperson: M. D. Smith; *Professors:* W. R. Blount, J. K. Cochran, R. Dembo, K. M. Heide, M. Lynch, T. Mieczkowski, M. D. Smith; *Associate Professors:* M. Bromley, M. Cuadrado (Sarasota), K. Lersch, W. Palacios, C. Sellers; *Assistant Professors:* D. Cecil (St. Petersburg), C. Gibson, W. Ruefle (St. Petersburg); *Professor Emeritus;* J.T. Reilly, M. Silverman, L. Territo, M. Vega; *Courtesy Appointment:* W. Borum; *Academic Administrator*: M. Johnson (Lakeland).

Economics

Chairperson: J. S. DeSalvo; *Professors:* D. M. Bellante, J. S. DeSalvo, K. Gyimah-Brempong, M. G. Herander, J. S. Hodgson, P. K. Porter, J. W. Rowe, Jr.*; Professors Emeriti:* G. Brunhild, W. J. Herman; *Associate Professors:* E. J. Ford, C. A. Green-Weishaupt, B. P. Kamp, M. B. Loewy, G. A. Picone, J. G. Spence, C. R. Thomas, R. M. Wilson; *Lecturer:* S. A. Bartlett; *Instructors:* A. Criss, R.L. Moss.

English

Chairperson: P. J. Sipiora; *Professors:* J. P. W. Rogers (DeBartolo Chair in the Liberal Arts), S. M. Deats, R. F. Dietrich, J. S. Hatcher, R. L. Hewitt, D. L. Kaufmann, W. E. Morris, J. M. Moxley, G. A. Olson, W. T. Ross, D. Schenck, P. J. Sipiora, E. E. Smith, L. Worsham; *Associate Professors:* R. M. Baum, A.G. Bryant, R. L. Ciresi, M. C. Harmon, W. J. Heim, E. A. Hirsh, D. L. Jacobs, A. J. Kubiak, E. A. Metzger, L. L. Runge, N. J. Tyson; *Assistant Professors:* N. Discenza, M. Everton, J. Fleming, J. Inman, S. Mooney; *Lecturer:* L. Lenker; *Instructors:* S. M. Diecidue, L. Head, B. Moss, P. Nickinson, N. Samaras, E. E. Waldron; *Professors Emeriti:* H. A. Deer, F. J. Fabry, W. Garrett, J. J. Iorio; *Instructor Emerita:* I. F. Ceconi.

Environmental Science and Policy

Chairperson: R. Oches.

Geography

Chairperson: K. Archer; *Professors:* R. Brinkmann, G. Tobin; *Associate Professors:* K. Archer, S. Reader, P. Reeder; *Assistant Professors:* M. Bosman, J. Chakraborty, A. Laing, P. Zandbergen; *Instructor:* M. Hafen; *Adjuncts:* G. Gant.

Geology

Chairperson: C. Connor; *Professors:* C. Connor, Jr., J. G. Ryan; M. T. Stewart, H. L. Vacher; *Associate Professors:* P. J. Harries, S. E. Kruse, E. A. Oches; *Assistant Professors:* T. Pichler, M. Rains, P. Wang; *Instructors:* T. C. Juster, E. Snow; *Courtesy Faculty:* J Heikoop, B. W. Leyden, M. Luo, R. Morton, J Pracht, T. M. Scott, J Sorauf; *Assistant Curators:* R. Denicourt, B. R. Marcin, E. J. Marcin; *Emeritus Distinguished Professor:* R. A. Davis.

History

Chairperson: W. M. Murray; *Professors:* R. O. Arsenault, J. M. Belohlavek, P. Dosal, R. P. Ingalls, G. R. Mormino, W.M. Murray; *Associate Professors:* G. Alexopoulos, G. Benadusi, D. R. Carr, F. Ottanelli, K. Paul, W. Stavig; *Assistant Professors:* B. Berglund, W. Cummings, S.J. Fernandez, J. Kessenides, P. Levy, J. McKiernan-Gonzalez, R.J. Van Neste; *Lecturer:* G. A. Tunstall, Jr.; *Instructor:* J. Hall.

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Interdisciplinary Social Sciences

Coordinator: M. Landers.

International Studies

Professors: E. Conteh-Morgan, A. Hechiche, H. W. Nelsen, D. Slider; *Associate Professors:* M. M. Amen, R. Barylski, S. S. Northcutt, D. Peng; *Joint Appointments: Professors:* R. Khator, M. Milani, F. U. Ohaegbulam, H. Vanden; *Associate Professors:* K. R. Glover.

Library and Information Science

Director: V. Gregory; *Professors:* V. Gregory, K. McCook, A. Perrault; *Associate Professors:* J. Corey; *Assistant Professors:* L. Alexander, L. Brakeall, C. Dee, C. Dunkley, N. Kwon, S. Maatta-Smith, D. Perez, T. Terrell; *Professors Emeriti:* H. M. Smith; *Instructors:* D. Austin, K. Cox, M. Pace, D. Smith, S. Wohlmuth.

Mass Communications

Director: E. J. Friedlander; *Professor:* E. J. Friedlander; *Associate Professors:* D. S. Bagley III, D. R. Holtzhausen, L. Z. Leslie, S. Liu, R. Miller, B. K. Petersen, H. Regis; *Assistant Professors:* T. Bajkiewicz, M. Curkan-Flanagan, K. Golombisky, K. Killebrew, K. Page Werder, R. Wilber; *Instructor*: K. Arnold.

Mathematics

Chairperson: M. M. McWaters; *Associate Chairperson:* S. E. Rimbey; *Professors:* A. G. Kartsatos, M. N. Manougian, A. Mukherjea, E. Rakhmanov, K. M. Ramachandran, A. N. V. Rao, J. S. Ratti, B. Shekhtman, W. R. Stark, V. Totik, C. P. Tsokos, C. A. Williams, Y. You; *Associate Professors:* N. Jonoska, G. L. McColm, M. M. McWaters, K. L. Pothoven, M. Saito, S. Suen; *Assistant Professors:* T. Bieske, B. Curtin, X. Hou, W. Ma, S. Nadarajah, L. Skrzypek; *Instructors:* F. Burgos, A. Danielyan, M. Elhamdadi, A. Grinshpan, M. Krajcevski, S. Rimbey; *Professors Emeriti:* J. R. Britton, W. E. Clark, A. W. Goodman, S. Isaak, J. J. Liang, F. J. Zerla.

Medical Technology

Administrator: J. Spencer; *Courtesy Professors:* I. L. Browarsky (Tampa General Hospital), L. Davis (Bayfront Medical Center), R. Perez (Shands Jacksonville), R. F. Holcomb (Florida Hospital), G. M. Shore (St. Vincent's Medical Center); *Courtesy Lecturers:* L. Chakkaphak (St. Vincent's Medical Center), L. Ferguson (Tampa General Hospital), P. Rogers (Florida Hospital), J. Schurig (Bayfront Medical Center), J. Sigler (Shands Jacksonville).

Philosophy

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

Physics

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Political Science

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