

COLLEGE OF ARTS AND SCIENCES

UNIVERSITY OF SOUTH FLORIDA - 2000/2001 UNDERGRADUATE CATALOG

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 which 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 which 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 has 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 will develop 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 us. 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.

CASMAR

To assure that our students' needs are being met in every aspect of their academic career, the College of Arts and Sciences continues to focus on strategies to aid in increased retention and continued success of our students from orientation through graduation. One such effort is the creation of CASMAR (College of Arts and Sciences Mentor and Retain), a program that uses trained mentors to shadow students and serve as a resource to them in order to assure that they are provided with the proper resources they need. Assistance is offered with academic advising, career development, tutoring and study skills strategies, as well as personal development.

For more information about CASMAR, check the CAS website or call (813) 974-6916.

Undergraduate Advising Information

The Arts and Sciences Academic Affairs Office, located in the Social Science Building (SOC), Room 102, 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. Natural Science and pre-professional majors should consult the Science Advising Center. 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 Academic Affairs, Social Science Building (SOC), Room 102, (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) 424-8430 or (813) 974-4673.

Pasco-Hernando Initiative: USF classes at PHCC (for Interdisciplinary Social Science majors): (727) 424-8431 or (813) 974-9056.

Office Hours

The Arts and Sciences Office of Academic Affairs 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/>.

Science Advising Center

The Science Advising Center is located in the Chemistry Building (CHE), room 306, and provides a complete range of advising and informational services to Biology, Chemistry, Geology, Physics, Interdisciplinary Natural Sciences, and Medical Technology majors. In addition, the Center provides a wide range of services to Pre-medical, Pre-dental, Pre-podiatry, Pre-veterinary, and other Health Pre-professional students. These services include advising, workshops on application to professional schools, maintenance of evaluation files for professional school applicants, and coordination of health professions student organizations. Center advisors are prepared to assist students with planning their academic programs and with incorporating career enhancement opportunities into their educational experience. The Center maintains a large library of resource materials related to post-baccalaureate degree schools and programs, and to careers in the sciences and health professions. For additional information, call (813) 974-2674 or go to <http://www.cas.usf.edu/sac/>.

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."

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 Academic Affairs (SOC 102) for continuing students. To ensure the best

possible degree planning, students need to schedule an appointment with an academic advisor in his/her major field soon after being admitted to the university. 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 Academic Affairs (SOC 102), 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 with an overall gpa of 2.000. Mass Communications requires 124 hours for the 1987-88 catalog and after.
2. Maintain an overall major gpa of 2.000. Note: In Mass Communications students must have a 2.500 gpa in major courses in the 1989 catalog or after; Social Work requires a 2.75 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. 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.
9. The Audit option is available only during the first 5 days of classes; none permitted later.
10. Complete at least 9 semester hours during summer terms if entering USF with fewer than 60 semester hours.

11. "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.)
12. Complete all major course requirements.
13. 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.
14. Thirty (30) of the last 60 semester hours must be completed at USF to fulfill the residency requirement.
15. The departments of Biology, Chemistry, Criminology, Economics, English, 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 (90 for Mass Communications) outside of the major department.
16. Students must satisfy CLAST (College Level Academic Skills Test).
17. 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 SOC 102 during the *1st to the 4th week* of the semester in which you plan to graduate. Applications are not accepted late.

THE 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 departments/programs: Africana Studies, American Studies, Anthropology, Classics, Communication, Communication Sciences and Disorders, Criminology, Economics, English, Foreign Languages, Geography, Geology, Gerontology, History, Humanities, International Studies, Linguistics, Mass Communications, Mathematics, Philosophy, Physics, Political Science, Psychology, 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, Independent Studies, 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 53 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

Africana Studies (AFA)
 American Studies (AMS)
 Anthropology (ANT)
 Biology (NSB)*
 Chemistry (CHM) (NSC)*
 Classics (CLS) - housed in Division of Languages and Linguistics
 Communication (SPE)
 Communication Sciences and Disorders (CSD)
 Deaf Studies Concentration (DST)
 Interpreter Training Concentration (ITT)
 Speech-Hearing-Language Concentration (LSH)
 Criminology (CCJ)
 Economics (ECO)
 English (ENG)
 French (FRE)
 Geography (GPY)
 Geology (GLY)
 German (GER)
 Gerontology (GEY)
 History (HTY)
 Humanities (HUM)
 Interdisciplinary Natural Sciences (INS)
 Clinical Laboratory Sciences (INL)
 Interdisciplinary Social Sciences (ISS)
 International Studies (INT) - housed in Government & International Affairs
 Italian (ITA)
 Liberal Studies (ALA)
 Mass Communications (COM)
 Mathematics (MTH, MAE*)
 Philosophy (PHI)
 Physics (NSP*, PHY)
 Political Science (POL) - housed in Government & International Affairs
 Psychology (PSY)
 Religious Studies (REL)
 Russian (RUS)
 Sociology (SOC)
 Social Science Education (SSE)*
 Spanish (SPA)
 Women's Studies (WST)

BACHELOR OF SCIENCE

Biology (BIO)
 Chemistry (CHS)
 Environmental Science and Policy (ESP)
 Geology (GLY)
 Gerontology (GES)
 Medical Technology (MET)
 Microbiology (MIC) - housed in Biology
 Physics (PHS)

BACHELOR OF SOCIAL WORK (B.S.W.)

Social Work (SOK)

BACHELOR OF INDEPENDENT STUDIES (B.I.S.)

Independent Studies (BIS)

*Offered jointly with the College of Education.

Honors Programs

Faculty and selected students in the college participate in the University Honors Program. In addition, the College of Arts and Sciences offers undergraduate honors programs in Anthropology, Biology, Classics, Communication, Communication Sciences and Disorders, Geology, Mathematics, Philosophy, Political Science, Psychology, 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.

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 are required. Students working for a Certificate of Concentration may register as special 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:

- 18 semester hours from the courses listed below.
- 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.)
- Students must declare their intention to be awarded the certificate by notifying the program advisor at least one full semester prior to graduation.
- 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) H U M
 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 Renu Khator. She may be contacted at SCA 237, 813-974-2978, or by e-mail: khator@chuma1.cas.usf.edu.

CERTIFICATE IN CORRECTIONS

The Department of Criminology offers a certificate in corrections. This certificate is recognized by the Florida Criminal Justice Standards and Training Commission (FCJSTC) and by the Florida Department of Corrections (FDOC) as satisfying some of the Basic Recruit Training objectives for Correctional Probation Officers (CPO). This certificate program consists of 21 semester hours comprised of the following courses: CCJ 3024 (3) CCJ 4282 (3) CCJ 4316 (3) CCJ 4331 (3) CCJ 4341 (3) CCJ 4306 (3) and CCJ 4940 (3). Students must receive approval from the department prior to starting their coursework within this certification program. The program is open to all USF students including Criminology majors and minors as well as to persons who have already received their baccalaureate degrees. All of the required coursework within this certification program must be taken at USF and all additional training requirements must be taken at an FCJSTC approved program in order to qualify as a Florida Correction Probation Officer. Students working toward corrections certification are also subject to the Department's "2 D" rule.

Information and advice about the certificate program may be obtained from Lisa Landis, 813-974-6217, SOC 322, or John Cochran, 813-974-9569, SOC 322.

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 fulfill the certificate requirement. 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
CPO 5934 Selected Topics: Latin America
GEO 3300 Geography of Middle America
GEO 3405 Geography of Latin America
GEO 3360 Geography of the Gulf of Mexico
INR 4931 Americas (TV)*
INR 4931 Latin America through Film
LAS 3002 Latin America*

3) History

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 3480 History of Cuba
LAH 3930 US/Latin American Relations
HIS 3930 History of Brazil
HIS 3930 Modern Central America
HIS 3930 Revolutions in Latin America
HIS 3930 Andean History
HIS 3930 Afro-American History I & II

4) Art/Humanities/Literature

ARH 4796 Latin American Art History
SPN 3520 Spanish American Civilization*
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

5) Others

ECO 4935 Selected Topics: Economics of Latin America
REL 3375 Issues in Caribbean Religions
SSE 4380 Global & Multicultural Perspectives in Education

*****Field School**

When the student has completed the above requirements, the Latin American Studies Advisor will recommend the student for the Certificate.

For information and advice about the certificate program, contact the Latin American and Caribbean Studies Office, CPR 478, or call 974-3547. The program is open to all majors in all colleges.

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 Professor Georg H. Kleine at SOC 274, (813) 974-2688, or by e-mail: kleine@luna.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:

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)
 (Russian or another Slavic language)
 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 3002	Introduction to Comparative Politics	(4)
ECO 4323	Marxist Political Economy	(3)
ECO 4935	Russian Political Economy	(3)
EUH 3571	Russian History to 1865	(4)
EUH 3572	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 the USSR	(4)
INR 5086	Issues in International Relations	(3)
INR 3018	World Ideologies	(3)
INR 3770	Comparative Military Systems	(3)
PHP 4788	The Philosophy of Marxism	(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)

*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)
ECP 3613	Economics of the Urban Environment	(3)
GEO 3602	Urban Geography	(4)
ISS 3930	Community Study	(3)
POS 3142	Introduction to Urban Politics and Government	(3)
SYD 4410	Urban Sociology or	(3)
ISS 4162	City and Urbanization	(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 4114C	Geographic Techniques and Methodology	(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 4705	Applied Anthropology	(3)
ANT 4930	Special Topics in Anthropology	(3)

Architecture

ARC 4784	The City	(3)
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Communication

SPC 3712	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)
CCJ 4110	American Law Enforcement Systems	(3)
CCJ 4501	Juvenile Justice System	(3)
CCJ 4511	Police and Juvenile Delinquency	(3)
CCJ 4550	Developmental Aspects of Juvenile Delinquency	(3)
CCJ 4652	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 3606	Community Services for Older Adults	(3)
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History

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

Humanities and American Studies

AMS 3700	Racism in American Society	(3)
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Interdisciplinary Social Sciences

ISS 4162	The City and Urbanization	(3)
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ISS 4164	Urban Social Issues: An Interdisciplinary Approach	(3)
Political Science		
POS 2112	State & Local Government and Politics	(3)
POS 3145	Governing Metropolitan Areas	(3)
POS 4165	Community Leaders and Politics	(3)
POS 3931	Special Topics: Politics of St. Petersburg	(3)
PUP 3313	Blacks in the American Political System	(3)
PUP 4002	Public Policy	(3)
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	Social 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 SOC 338.

HEALTH PROFESSIONS

The University of South Florida is an excellent location to prepare for a health profession. The Veterans Administration Hospital, University of South Florida Medical Center, Shriners 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, dentistry, optometry, podiatry, veterinary medicine, pharmacy, and physical therapy. Usually 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 the sciences because of their interests in the health sciences, and because of the considerable overlap between the preprofessional curriculum and the degree requirements for majors in the biology and chemistry departments. 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.

The College of Arts and Sciences provides academic advising in the Science Advising Center. The office maintains a library of current catalogs and books on admission requirements for professional schools and is an important resource center for preprofessional students. 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. Students are then assigned to the Science Advising Center for curriculum planning, and each semester the office provides students with updated academic records. At the time of application to professional schools, students are provided information about admission tests and the application process, and they are assisted in the process of obtaining faculty evaluations.

PRE-DENTAL/PRE-MEDICAL/PRE-PODIATRY PROGRAM

This program is designed to prepare students for admission to professional schools of dentistry, medicine, osteopathic medicine, and podiatric medicine. 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 (3,1)	BSC 2011, 2011L (3,1)
Chemistry	CHM 2045 (3)	CHM 2210 (3)
	CHM 2045L (1)	CHM 2210L (2)
	CHM 2046 (3)	CHM 2211 (3)
	CHM 2046L (1)	CHM 2211L (2)
Physics	PHY 2053 (3)	} or {
	PHY 2053L (1)	
	PHY 2054 (3)	
	PHY 2054L (1)	
		PHY 2048 (3)
		PHY 2048L (1)
		PHY 2049 (3)
		PHY 2049L (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 acceptable to professional schools.

Some professional schools recommend the following courses:

Biology	MBC 3030C General Microbiology	(4)
	PCB 3023, 3023L Cell Biology	(3,1)
	PCB 3063, 3063L General Genetics	(3,1)
	PCB 4723, 4732L Animal Physiology	(3,1)
	PCB 5235 Principles of Immunology	(3)
	ZOO 4603 Animal Embryology	(4)
	ZOO 4753C Histology	(4)
Chemistry	BCH 3023 Introductory Biochemistry	(3)
	BCH 4034 Advanced Biochemistry	(3)
	CHM 3120C Elementary Analytical Chemistry	(4)
	CHM 3400 Elementary Physical Chemistry I	(3)
	CHM 3401 Elementary Physical Chemistry II	(3)

About University of Florida Dental School

An early admission program has been established in affiliation with the University of Florida College of Dentistry, which would allow students to be admitted to dental school after three years at the University of South Florida, completing a baccalaureate degree and dental school in a total of seven years. In order to be eligible for early admission to the College of Dentistry, a high school student must be accepted by the University of South Florida and must meet the following requirements: overall high school gpa of no less than 3.5, as computed by the University of Florida; total SAT of no less than

1260, or ACT of no less than 29; high school science gpa of no less than 3.5 with courses completed in both biology and chemistry; apply during the senior year of high school and be approved for admission by the College of Dentistry Admissions Committee following a formal interview. Following admission into the joint program, final acceptance to the College of Dentistry is contingent upon the student completing all required courses; earning a gpa of no less than 3.4 for all courses attempted and no less than 3.2 for courses in biology, chemistry, physics, and mathematics; and completing the Dental Admissions Test with a score of no less than 16 on each section of the test. It is also possible for students to apply for early admission during the freshman and sophomore years at the University of South Florida. Additional information is available in the Science Advising Center.

The University of Florida recently added the following required and recommended courses for pre-dental students:

Required:

MBC 3030C	General Microbiology	(4)
BCH 3023	Introductory Biochemistry	(3)
PCB 3063, 3063L	General Genetics	(3,1)
	Developmental Psychology	

Strongly Recommended:

PCB 5235	Principles of Immunology	(3)
MAC 2233	Elementary Calculus I	(4)
or		
MAC 2311	Calculus I	
STA 2023	Introductory Statistics	(4)
	Logic	
	Sociology (emphasis on Diversity)	

Recommended:

	Business management	
	Conversational Spanish	
	Speech	

PRE-OPTOMETRY PROGRAM

Optometry schools differ somewhat in requirements, but all optometry schools require at least two years of pre-optometry studies, and most schools require the following courses:

Biology

BSC 2010, 2010L	Biology I: Cellular Processes	(3,1)
BSC 2011, 2011L	Biology II: Diversity	(3,1)
MBC 3030C	General Microbiology	(4)

Chemistry

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

Mathematics

MAC 2233	Elementary Calculus I	(4)
STA 2023	Introductory Statistics	(4)
or		
STA 2122	Social Sciences Statistics	(3)

Physics

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

Many schools also require at least one semester of psychology (PSY 2012). Students should check requirements of individual schools and complete requirements for those schools where they plan to apply for admission.

A joint program between USF and Nova-Southeastern University College of Optometry allows students to complete a baccalaureate degree and doctor of optometry degree in a seven-year program. Freshmen may apply for the joint program by applying for admission to USF and also applying for admission to Nova-Southeastern. To be eligible for admission, students must meet all admission requirements for USF, and in addition must have an SAT minimum score of 1100, an ACT minimum of 25 or an EACT minimum of 27; a minimum high school GPA of 3.3; three years of high school

science including biology and chemistry, and high school mathematics through algebra and trigonometry. Once admitted to the program students must earn a minimum GPA of 3.0 each term and satisfactorily complete required courses and the Optometry Admissions Test. Students must be Florida residents by the time they enter Nova-Southeastern.

PRE-VETERINARY MEDICINE PROGRAM

The pre-veterinary medicine program meets admission requirements of the University of Florida College of Veterinary Medicine, 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 following entrance requirements:

Biology

BSC 2010, 2010L	Biology I: Cellular Processes	(3,1)
BSC 2011, 2011L	Biology II: Diversity	(3,1)
MBC 3030C	General Microbiology	(4)
PCB 3063, 3063L	General Genetics	(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)
BCH 3023	Introductory Biochemistry	(3)

Mathematics

MAC 2233	Elementary Calculus I	(4)
and		
MAC 2234	Elementary Calculus II	(4)
or		
MAC 2311	Calculus I	(4)
and		
STA 2023	Introductory Statistics	(4)

Physics

PHY 2053, 2053L	General Physics I	(3,1)
and		
PHY 2054, 2054L	General Physics II	(3,1)
or		
PHY 2048, 2048L	General Physics I (Calculus Based)	(3,1)
and		
PHY 2049, 2049L	General Physics II (Calculus Based)	(3,1)

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 which are offered at UF, Introduction to Animal Science, and Animal Nutrition. Students usually take these in the summer before beginning Vet. School; these 8 hours can be counted in the 80.

B.A. DEGREE FOR STUDENTS ACCEPTED FOR EARLY ADMISSION TO PROFESSIONAL SCHOOLS

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 those described above or the University Honors Program.

Recommended Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students are encouraged to complete the A.A. degree and include the following courses, if available, during the program of study at the community college:

One year each, if offered, of:

General Biology (BSC 2010, 2010L and BSC 2011, 2011L)	8
General Chemistry (CHM 2045, 2045L and CHM 2046, 2046L)	8
Organic Chemistry (CHM 2210, 2210L and CHM 2211, 2211L)	8-10
General Physics (PHY 2053, 2053L and PHY 2054, 2054L or PHY 2048, 2048L and PHY 2049, 2049L)	8

College Mathematics
(some schools require calculus) 8
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.

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

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.A. degree in Interdisciplinary Natural Sciences from the College of Arts and Sciences subject to the following conditions:

- Transfer of a minimum of 30 semester hours in science courses from an accredited medical or dental school.
- Fulfillment of the following minimum requirements in attendance at the University of South Florida:
 - 90 hours with at least a "C" average (2.000).
 - Completion of a minimum of 24 hours in the department of major concentration and a minimum of 16 hours in supporting courses in sciences outside the department of major concentration. The 24 hours in the department of major concentration must be in courses applicable to a major in that department. The 16 hours in supporting courses must also be taken in courses applicable to a major in that department and must include a minimum of two courses at the 3000 level or above. At least a "C" must be earned in each course in both major concentration and supporting courses.
- Credit in the following courses:

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)
and PHY 2054, 2054L	General Physics II	(3,1)
or PHY 2048, 2048L	General Physics I (Calculus Based)	(3,1)
and PHY 2049, 2049L	General Physics II (Calculus Based)	(3,1)

- A minimum of 20 credits from the following courses:

Biology

MBC 3030C	General Microbiology	(4)
PCB 3023, 3023L	Cell Biology	(3,1)
PCB 3063, 3063L	General Genetics	(3,1)
PCB 4723, 4732L	Animal Physiology	(3,1)
PCB 5235	Principles of Immunology	(3)
ZOO 4603	Animal Embryology	(4)
ZOO 4753C	Histology	(4)

NOTE: Students in the University Honors Program who are admitted early to USF's College of Medicine should not take PCB 4723, 4723L. They will complete Physiology at the College of Medicine in the spring of the junior year and will receive 6 semester hours of credit in place of PCB 4723, 4723L listed above.

Chemistry

BCH 3023	Introductory Biochemistry	(3)
CHM 3120C	Elementary Analytical Chemistry	(4)
CHM 3400	Elementary Physical Chemistry I	(3)
CHM 3401	Elementary Physical Chemistry II	(3)

Mathematics

MAC 2233	Elementary Calculus I	(4)
MAC 2234	Elementary Calculus II	(4)
STA 2023	Introductory Statistics	(4)
or MAC 2132	College Algebra and Trigonometry	(4)
MAC 2311	Calculus I	(4)
MAC 2312	Calculus II	(4)

- Completion of the university's Liberal Arts requirements and foreign language requirement for the B.A. degree.
- The last 30 credit hours prior to transfer to a medical or dental school in residence at the University of South Florida. Application for the baccalaureate 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.A. DEGREE PROGRAM FOR SECONDARY SCHOOL TEACHERS

The College of Arts and Sciences in cooperation with the College of Education offers degree programs in Mathematics (MAE), in Biology (NSB), in Chemistry (NSC), in Physics (NSP) and in Social Science Education (SSE). Because requirements exist in both colleges, a student will have an advisor in each college. At the outset, the student's advisor in the College of Arts and Sciences must approve the planned courses in mathematics and science.

There are two options available to the student to satisfy the science portion of the program:

- The student may complete the requirements of the departmental major. The departmental requirements of Biology, Chemistry, Mathematics, and Physics are found in this section of this catalog under the respective headings in Biology, Chemistry, Mathematics, and Physics.
- The student may complete requirements of the Interdisciplinary Natural Sciences major with concentration in Biology, Chemistry, Physics, and Mathematics. A complete description of this major is found in this section of this catalog under the heading Interdisciplinary Natural Sciences.

Prospective students should consult the College of Education portions of this catalog under the heading "Science Education (SCE)" or "Social Science Education (SSE)" for the required education courses and sample programs.

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 both. 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 without an A.A. degree and have 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	Afro-American History I	3
AMH 3572	Afro-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 Cr. 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 Both. (21 Cr. 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)

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)
PHM 4120	Major Black Thinkers	(3)
PUP 3313	Blacks in the American Political Process	(3)
HUM 2420	Arts and Music of the African People	(3)
AFA 4931	Selected Topics in Africana Studies	(1-3)
African Studies (Suggested)		
AFA 3153	African Literature Survey	(3)
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)
INR 4254	Africa in World Affairs	(3)
HUM 2420	Arts and Music of the African People	(3)
PHI 4073	African Philosophy	(3)
Africana Studies (Suggested)		
AFA 3153	African Literature Survey	(3)
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)
AFS 2250	Culture and Society in Africa	(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)
PUP 3313	Blacks in the American Political Process	(3)
AFA 4931	Selected Topics in Africana Studies	(1-3)

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

Minor Requirements (18 Hours) Three Options

African And Afro-American Studies- Option I

Required Core Classes (9 Hours)

AFA 2000	Intro To The Black Experience	(3)
AFH 3100	African History To 1850	(3)
or		
AFH 3200	African History Since 1850	(3)
AMH 3571	African American History To 1865	(3)
or		
AMH 3572	Afr-Amer History Since 1865	(3)
<i>Elective Classes (Select 9 Hours)</i>		
AFA 4150	Africa And The United States	(3)
AFA 4335	Black Women In America	(3)
CPO 4204	Government And Politics Of Africa	(3)

CPO 4244	Government And Politics Of East, Central, And Southern Africa	(3)
INR 4254	Africa In World Affairs	(3)
PUP 3313	Blacks in the American Political Process	(3)
HUM 2420	Arts And Music Of The Arican People	(3)
AFA 4931	Selected Topics In Africana Studies	(1-3)
African-American Studies- Option II		
<i>Required Core Classes (9 Hours)</i>		
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)
<i>Elective Classes (Select 9 Hours)</i>		
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)
PHM 4120	Major Black Thinkers	(3)
PUP 3313	Blacks in the American Political Process	(3)
HUM 2420	Arts and the Music of the African People	(3)
African Studies-Option III		
<i>Required Classes (9 Hours)</i>		
AFH 3100	African History to 1850	(3)
AFH 3200	African History to 1850	(3)
CPO 4204	Government and Politics of Africa	(3)
INR 4254	Africa in World Affairs	(3)
<i>Electives (Select 9 Hours)</i>		
AFA 4150	Africa and the United States	(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)
AFA 4931	Selected Topics in Africana Studies	(1-3)

- **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: physical anthropology, archaeology, 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 minimum of 60 semester hours must be completed at the university unless prior approval is secured. A grade of "C" is the minimum acceptable grade. 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.

Requirements for the Major in Anthropology

Beyond the recommended prerequisites listed above, the major in Anthropology consists of a minimum of 33 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 12 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	(3)
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 4103	Introduction to Archaeological Science
ANT 4124	Archaeological Field Methods
ANT 4143	Old World Archaeology
ANT 4146	European Archaeology
ANT 4153	North American Archaeology
ANT 4158	Florida Archaeology
ANT 4162	South American Archaeology
ANT 4163	Mesoamerican Archaeology
ANT 4172	Historical Archaeology
ANT 4180	Laboratory Methods in Archaeology
ANT 4181	Museum Methods
ANT 4199	Environmental Archaeology

Physical Anthropology

ANT 4520	Forensic Anthropology
ANT 4583	Prehistoric Human Evolution
ANT 4587	Human Variation

Anthropological Linguistics

ANT 4620	Language and Culture
ANT 4750	Language and Social Interaction

Cultural Anthropology

ANT 4231	Folklore
ANT 4241	Magic and Religion
ANT 4302	Gender in Cross-Cultural Perspective
ANT 4305	Visual Anthropology
ANT 4312	North American Indians
ANT 4316	Ethnic Diversity in the United States
ANT 4324	Mexico and Central America
ANT 4340	The Caribbean
ANT 4432	The Individual and Culture

- ANT 4442 Urban Life and Culture
 ANT 4462 Health, Illness, and Culture
 ANT 4495 Methods in Cultural Research
 ANT 4705 Applied Anthropology

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 the major and minor student advisors to create the most beneficial specific set of courses.

- ANT 2000 Introduction to Anthropology
 ANT 2410 Biological Anthropology
 ANT 3101 Archaeology
 ANT 3610 Anthropological Linguistics
 4000-level elective courses (9-12 cr. Hrs.) (as described above)

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)

The Bachelor of Independent Studies (BIS) Program is the State University System External Degree Program. The universities currently involved are Florida International University, Florida State University, the University of Florida, the University of North Florida, and the University of South Florida. The administrative office for the statewide program is located at USF in Tampa.

Founded in 1968, the external degree program is for adults who find it difficult to attend regular university classes because of career or family commitments. The BIS student

proceeds at his/her own pace and, for the most part, in his/her own setting. The exception is the summer seminars, which require periodic, short-term campus residence.

Admission Procedures

Applicants must qualify for admission to the University of South Florida and for admission to the B.I.S. Program. The USF Director of Admissions rules on the admission of an applicant to the university. The BIS Committee rules on admission of an applicant to the BIS Program. BIS applicants typically welcome the challenge of liberal studies and the rigor of independent study. BIS students pay regular USF tuition for undergraduate students.

Mechanisms for Recognizing Prior Learning

Individuals with an A.A. degree from a State of Florida community or junior college, and Registered Dental Hygienists, Registered Nuclear Medicine Technologists, Registered Nurses, Registered Radiologic Technologists, and Registered Respiratory Therapists with an A.S. degree from a state-approved program qualify for a "two-plus-two interface" with BIS requirements. In other words, those with an appropriate associate's degree complete two substantive study areas involving two tutorials and two seminars. The two study areas (Social Sciences & Natural Sciences or Humanities & Social Sciences or Natural Sciences & Humanities) are stipulated by the BIS Committee. The BIS Committee normally picks the two areas in which a student has the least background.

The Program is academically responsible to the Dean of the College of Arts and Sciences. The BIS Committee is advisory to the Provost.

For further information, contact the State University System, External Degree Program, Bachelor of Independent Studies (BIS) located at HMS 443, University of South Florida, Tampa, Florida 33620-8400. Telephone: 813-974-4058. E-mail: bis@luna.cas.usf.edu

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

CURRICULUM

The curriculum consists of four study areas: the Humanities, Natural Sciences, Social Sciences and an Inter-area Study. The first three areas of study are completed through a tutorial and a resident seminar. While the seminar is of short duration, the tutorial for each area requires a longer commitment of time. The student may begin in any of the first three study areas and is encouraged to start in his/her area of strength.

TUTORIALS

The tutorial or guided independent study is predominantly print intensive, with core and suggested readings drawn from the BIS Guide to Independent Studies. In the Humanities tutorial, for example, the student reads across the disciplines of the Humanities Study Area which include Language, Literature, Philosophy, Art, Drama, and Architecture. Selected works are reviewed within the framework of historical periods. Tutorial objectives include knowledge of the basic principles of each of the genres and periods, the ability to visualize relationships between the disciplines, grasp of the nomenclature of the disciplines, and the capacity to apply basic concepts to current issues. The student is responsible for

systematic interaction with the faculty mentor who directs the reading process and evaluates the student's progress.

In the Natural Sciences tutorial, the BIS learner studies Science -- Science for the non-scientist. Emphasis is placed on the interrelationships of the disciplines of Science. Topics illustrative of this interdisciplinary approach to Sciences include Mathematics, Physics, Chemistry, Biology, Astronomy, Geology, Ecology, History, and Philosophy of Science, and the impact of Science on Technology. As is the case with other tutorials the learning objectives involve concepts, nomenclature, cross-disciplinary insights, and application of concepts/methods to current issues.

In the Social Sciences tutorial, the student reads selected core and supplementary reading and completes written projects in each of the basic disciplines of the Social Science Study Area. These include Anthropology, Economics, Geography, History, Political Science, Psychology, Women's Studies, and Sociology. Tutorial objectives include knowledge of the basic concepts and principles of each discipline, familiarity with major social science research techniques, understanding of the relationships among the different disciplines, and the ability to apply disciplinary or interdisciplinary concepts or models to current issues.

Following each tutorial, the student completes a comprehensive examination in order to demonstrate that a satisfactory level of proficiency has been attained in the independent study component of a particular area. The exam may be taken on or off campus. A research paper is also undertaken in each of the tutorials. It is normally done at the end of a tutorial.

SEMINARS

Students are required to attend two-week long seminars on the USF campus. Each seminar (for each of the first three study areas: Humanities, Natural Sciences, and Social Sciences) represents a period of intensive residential learning under the direction of a team of faculty members. Seminar faculty teams identify the subject matter and activities of each seminar. Humanities seminars, for example, are often theme-oriented but the focus is on interdisciplinary concerns. A number of historical periods may be approached through discussion of art, music, literature, and architecture. In a Natural Sciences seminar, the focus is on an interdisciplinary approach to learning about Science. Social Sciences seminar faculty focus on the knowledge gained in the tutorial with an emphasis on synthesis, extension, and application of this learning to selected topics such as energy, patterns of human behavior, and human rights.

Seminar activities also vary with the study area. A visit to a museum or art gallery is a usual component of a Humanities Seminar. In Science, laboratory experiences and field trips are utilized to introduce students to the field of Science and to allow them to experience the excitement of discovery. Many of the activities described in a Social Sciences seminar syllabus are used in other seminars as well, i.e., lectures by faculty team members or guest lecturers, presentations by group members, group discussion, library research, learning journals, and a research paper.

Students in all seminars may be asked to read materials related to the seminar theme prior to the seminar and to complete written assignments after the completion of the two-week seminar period. Seminars meet for two consecutive six-day weeks and activities take up a full day. Further study and assignments occupy the evening hours.

UNDERGRADUATE THESIS

The fourth study area or Inter-area Study calls for a synthesis of the first three study areas via the preparation and defense of an undergraduate thesis. The student begins the Area with Inter-area reading leading to the completion of an undergraduate thesis prospectus under the direction of a primary advisor. Following approval of the prospectus by a committee composed of three faculty, the student writes the study under the direction of the committee chairperson. The

final step is to complete successfully an oral examination on the thesis.

• BIOLOGY (BIO/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. See the Undergraduate Program Assistant for further details of advising.

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 2043/2043L, PHY 2048/2048L, PHY 2049/2049L, or equivalent
- CHM 2211/2211L Organic Chemistry II (with lab)
Acceptable substitutes: PHY 2053/2053L, PHY 2048/2048L, PHY 2049/2049L, 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.

Upper-level Courses for the Major

- Department of Biology Courses - minimum 40 credit hours
 - BSC 2010, BSC 2010L, BSC 2011, BSC 2011L
 - PCB 3023, PCB 3043, and PCB 3063

- c. ONE of the following: PCB 3023L, PCB 3043L, or PCB 3063L
 - d. ONE of the following (with laboratory): BOT 3373C, MCB 3030C, ZOO 3205C, ZOO 3323C, ZOO 4603C, or ZOO 4753C
 - e. ONE of the following (with laboratory): BOT 4503, MCB 4404, or PCB 4723
 - f. 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.
 - g. A maximum of four (4) credit hours of Undergraduate Research (BSC 4910) or Biology Honors Thesis (BSC 4970) may be applied.
 - h. 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 34 credit hours
 - a. CHM 2045, CHM 2045L, CHM 2046, and CHM 2046L
 - b. CHM 2210, CHM 2210L, CHM 2211, and CHM 2211L
 - c. MAC 2233 and MAC 2234 OR MAC 2281 and MAC 2282 OR MAC 2311 and MAC 2312 OR MAC 2233 and STA 2023
 - d. PHY 2048, PHY 2048L, PHY 2049, and PHY 2049L OR PHY 2053, PHY 2053L, PHY 2054, and PHY 2054L
 3. Liberal Arts Courses - minimum 45 credit hours
Free Elective Courses needed to complete 120 credit hours.

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 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 2043/2043L, PHY 2048/2048L, PHY 2049/2049L, or equivalent
- CHM 2211/2211L Organic Chemistry II (with lab)
Acceptable substitutes: PHY 2053/2053L, PHY 2048/2048L, PHY 2049/2049L, 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.

Upper-level Courses required for the Microbiology B.S. Major

1. Department of Biology Courses - minimum 42 credit hours
 - a. BSC 2010, BSC 2010L, BSC 2011, BSC 2011L
 - b. PCB 3023, PCB 3023L, PCB 3043, and PCB 3063
 - c. MCB 3030, MCB 4115, MCB 4404, and MCB 4404L

- d. Ten (10) hours from the following list: BOT 4434, MCB 4502, MCB 4652, MCB 4910, MCB 4934, MCB 5206, MCB 5815, PCB 5235, ZOO 5235, BCH 3023L
 - 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 twenty (20) hours of Biology courses must be taken in residency and be applicable to the major.
2. Supporting Courses in the Natural Sciences - minimum 37 credit hours
 - a. CHM 2045, CHM 2045L, CHM 2046, and CHM 2046L
 - b. CHM 2210, CHM 2210L, CHM 2211, and CHM 2211L
 - c. MAC 2233 and MAC 2234 OR MAC 2281 and MAC 2282 OR MAC 2311 and MAC 2312 OR MAC 2233 and STA 2023
 - d. PHY 2048, PHY 2048L, PHY 2049, and PHY 2049L OR PHY 2053, PHY 2053L, PHY 2054, and PHY 2054L
 - e. BCH 3023
 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 Honors Program provides a greater depth and breadth of knowledge to outstanding biology students, provides them an intense research training opportunity, and encourages them to pursue very high academic standards. In addition to satisfying requirements for the Biology or Microbiology degree, successful completion of the program requires a GPA of 3.5 in Department of Biology coursework, an overall GPA of 3.0 in USF coursework, and successful completion of BSC 4931, BSC 4932, and BSC 4402L. The culmination of the Honors Program is the completion and defense of an honors thesis. Invitation to participate in the Program will take place during the spring semester of each academic year. Criteria for selection include, but are not limited to, freshman/sophomore status; A/B in science courses at USF, including BSC 2010; and recommendation from BSC 2010L laboratory instructor. See the Honors Program Coordinator for further details of the program.

• 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. Each of the graduate degrees offers specialization in the areas of analytical chemistry, biochemistry, inorganic chemistry, organic chemistry and physical chemistry. In addition, a Master of Arts degree is offered as part of a carefully integrated accelerated B.A.-M.A. program. 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 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/X046L	General Chemistry II or CHM 1046C, or 1046E
MAC 2311	Calculus I or MAC 2281 Eng Calculus I
MAC 2312	Calculus II or MAC 2282 Eng Calculus II
CHM 2210/2210L	Organic Chem I & Lab or CHM 2210C
CHM 2211/2211L	Organic Chem II & Lab or CHM 2211C
OR	

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

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

BA in Chemistry (CHM)

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

Required Chemistry Courses		(33 cr. hrs.)
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 cr. hrs.)
3000 level or above; may include not more than 1 hr. 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 cr. hrs.)		
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 cr. hrs.)
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		(27 cr. hrs.)
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)

Required Chemistry Electives. (12 cr. hrs.)

Minimum of 12 hrs. selected from the following:

BCH 4034	Advanced Biochemistry	(3)
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)

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

Required Supporting Courses (22-24 cr. hrs.)

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)
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 3023, MCB 3030, 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 cr. hrs.)

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)
CHS 4300	Fundamentals of Clinical Chem.	(3)
CHM 4130C	Methods of Instrumental Analysis	(4)

Required Chemistry Electives. (9 cr. hrs.)

Minimum of 9 hrs. 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)

Required Supporting Courses (22-24 cr. hrs.)

MAC 2311 (4)	) or (	MAC 2281 (3)
MAC 2312 (4)		MAC 2282 (3)

PHY 2053 (3)	) or (	PHY 2054 (3)
PHY 2053L (1)		PHY 2054L (1)
BSC 2010 (3)		BSC 2010L (1)
PCB 4723 (3)		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 3023, MCB 3030, 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 cr. hrs.)

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)	
(3)	CHM 4412	Physical Chemistry III	(3)
	CHM 4611	Advanced Inorganic Chemistry	(3)

Required Supporting Courses (20-23 cr. hrs.)

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 hrs.)

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.

ENVIRONMENTAL CONCENTRATION

Chemical science is a core component of environmental science both in the analysis of environmental conditions and in the solution of environmental problems. B.A. and B.S. chemistry majors wishing to concentrate on environmental concerns should complete the following required courses and seriously consider taking one or more of the suggested electives.

Required Supporting Courses

BSC 2010	Biology I - Cellular Processes
BSC 2011	Biology II - Diversity
GLY 2010	Dynamic Earth: Intro to Physical Geography
GLY 2010L	Dynamic Earth Laboratory
EVR 2001	Introduction to Environmental Science
EVR 2001L	Environmental Science Lab

Suggested Electives

EVR 2861	Introduction to Environmental Policy
EVR 4910	Environmental Science and Policy Project
GLY 2030	Environmental Geology
GLY 3038	Earth and Environmental Systems
GLY 3200	Mineralogy

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.

Combined BA-MA Program Admission

Regular admission to the program will normally occur towards the end of the sophomore year or early in the junior year, or at transfer from junior college. Students who have completed not less than ten semester credit hours of chemistry courses, and have maintained a "B" average in chemistry courses and overall, may apply. Applications will be considered individually and applicants may be called for interview. Provisional admission may be granted to incoming freshmen whose academic background and performance indicate the likelihood of their meeting the regular requirements in due course. It should be noted that, in view of the heavy research component and orientation of the program, and the limitations of facilities and individual faculty time available for research direction, admission to the program is by no means automatic upon meeting minimum requirements.

COURSE REQUIREMENTS

Undergraduate: The B.A. coursework curriculum (q.v.) is augmented as follows:

1. CHM 4410, 4412, and 4130C (or CHS 4310C) replace CHM 3400, 3401 and 3402C.
2. Chemistry coursework hours (excluding research) total 42 rather than 41.
3. Natural sciences supporting coursework hours total 25 rather than 24.

Graduate: Not less than 20 credit hours of formal, regularly scheduled chemistry graduate courses, including not less than two of the five core courses (BCH 5065, CHM 5225, CHM 5425, CHM 5621, CHM 6150). At least 10 of the credit hours must be at the 6000 level. The core course requirement may be waived in part or entirely by recommendation of the supervisory committee on the basis of past work, performance on a test, or substitution of more comprehensive and advanced courses.

RESEARCH AND THESIS

CHM 4970 (12) CHM 6973 and CHM 6971 (10)

To satisfy the research credit hour requirements and to produce results suitable for publication in a refereed scientific journal, it will be necessary for the student to be enrolled during the summers of his junior, senior and graduate years. Completion of the program will require the presentation and formal defense of a research thesis for the master's degree.

SUPERVISION AND PROMOTION

A supervisory committee consisting of two faculty members will be appointed for each student admitted to the program. A carefully planned individual timetable will be worked out and progress will be monitored each semester. Continuation from the senior year into the graduate year will

be contingent upon the maintenance of the "B" average in chemistry and overall, and upon satisfactory recommendation by the student's research director. Diagnostic and qualifying examinations will not be required of students in this program. The supervisory committee during the graduate year will consist of three faculty members, including the research director.

• COMMUNICATION (SPE)

Communication studies focus on the concepts, theories, and practice of human communication in a variety of contexts. 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 described below.

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 with the above courses recommended.

I. Prerequisites (3 hours)

This course is a prerequisite for declaring the communication major.

SPC 2600 Public Speaking (3)

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, Audiology of 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 Educational Interpreter Training undergraduate curriculum prepares individuals to work in educational setting with students who require assistance with educational skills due to their hearing impairment of 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, Audiology, and specialization in Speech, Language, or Hearing Science through the Department of Psychology (Neural and Cognitive Psychology). The department offers a 5-year M.S. course of study combining undergraduate with graduate courses; However, enrollment into this program is currently not available.

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 without an A.A. degree and 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 | Introduction to Psychology | 3 |
| | or | | |
| | SYG 2000 | Introduction to Sociology | 3 |
| II. | And each of the following: | | |
| | 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 2092 | Human Anatomy & Physiology | 5 |
| | STA 1023 | Introduction to Statistics | 4 |
| | (or equivalent) | | |

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 Educational Interpreters (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 national 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, most students should complete general academic distribution requirements, successfully pass the CLAST, 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 2092 | Human Anatomy and Physiology | |

2. Recommended Courses

LIN 3010 or LIN 3801 or CGS 2060

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

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

1. Required Courses (6-7 cr. hrs.)

STA 2122 (3) or PSY 3213 (4) and ISS 3010 (3)

2. Additional Courses (3 cr. hrs.)

SYG 2000 or ANT 2000 or equivalent

D. Speech-Language-Hearing Concentration (ISH) (min. 39 cr. hrs.)

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

The course of study includes:

SPA 3002 (3) SPA 3110 (3) SPA 4222 (3)

SPA 3004 (3) SPA 3112 (3) SPA 4562 (3)

SPA 3011 (3) SPA 4050 (3) SPA 4632 (3)

SPA 3030 (3) SPA 4201 (3)

SPA 3101 (3) SPA 4210 (3)

SPA 3612C (4) (Recommended)

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 cr. hrs.)

New students are not being admitted to the DST Major for the 2001/2002 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 Clinical and Rehabilitative Audiology, or Deaf Education. Those students choosing to become teachers of the deaf must pursue the DST 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 (3)

SPA 3030 (3) SPA 4613 (4) SPA 4632 (3)

Other electives (6).

F. Educational Interpreter Training Concentration (ITT)

The ITT concentration seeks to educate students to become educational interpreters for deaf students in the public school system. A program of 42 credit hours is planned for the

student majoring in the Educational Interpreter Training concentration. Course content is distributed across five categories of information and skills necessary for a career in Educational Interpreting:

1. Role of the Educational Interpreter in the Public School Setting
2. Cognitive, Psychosocial, and Language Development of Hearing and Deaf Children in Public Schools
3. Techniques and Applications of Educational Interpreting in the Public School
4. Professional Practices of the Educational 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 Educational Interpreter Training Program in the Department.

The following courses are included in the major:

SPA 3004 (3) SPA 3653L (1) SPA 4652 (3)

SPA 3660 (3) SPA 3673 (3) SPA 4662 (3)

SPA 3660L (1) SPA 4363 (3) SPA 4662L (1)

SPA 3653 (3) SPA 4363L (1) SPA 4685 (3)

EDF 3214 (3) EDF 3604 (3) EDG 4620 (3)

EEX 4070 (2-3) EME 2040 (3) ISS 3010 (3)

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. Courses that comprise the second year of the major 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 (DST) 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

SPA 4632 - Nature and Needs of the Deaf and Hearing Impaired

2. In addition, a minor must include one of the following:

SPA 4331 - Fundamentals of Finger Spelling

- SPA 4332 - Structure of Sign Language
- 3. Students transferring credit hours toward a minor in DST must complete 12 credit hours within the Department of Communication Sciences and Disorders regardless of the number of credit hours transferred.
- 4. 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. The program offers three areas of concentration within the major as well as a certification program in corrections.

Requirements for the Major in Criminology

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 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.

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.

These residence requirements are designed to insure 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.

Students are encouraged to take the community college Criminology or Criminal Justice programs. Because courses in these programs will not substitute for the USF major requirements listed below, these students should be aware of and look forward to revisiting many of the content areas at the junior and senior levels at USF.

Suggested Electives:

ACG 2001	Accounting I	3
ACG 2011	Accounting II	3
AFA 2001	Introduction to the Black Experience	3

POS 1001	Introduction to Political Science	3
POS 2041	American National Government	3
POS 2112	State and Local Government	3
PSY 2012	Introduction to Psychology	3
SYG 2000	Introduction to Sociology	3

A minimum of 42 semester hours is required of all undergraduate majors in Criminology including the following courses:

CCJ 3024 (3)*	CCJ 3204 (3)	CCJ 3610 (3)*
CCJ 3701 (3)**	CCJ 4110 (3)	CCJ 4273 (3)
CCJ 4306 (3)	CCJ 4501 (3)	CCJ 4934 (3)

and 15 hours of electives within the major.

*These are gateway courses and must be taken first.

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

The student may wish to select and complete the course suggestions from within one of the three areas of concentration described below to fulfill the 15 hours of electives within the major..

Law Enforcement:

CJT 4100 (3)	CCJ 4511 (3)	CCJ 4940 (3)
CCJ 4450 or 4109 (3)		

plus 3 hours of electives.

Corrections:

CCJ 4316 (3)	CCJ 4331 (3)	CCJ 4940 (3)
CCJ 4341 or 4540 (3)		

plus 3 hours of electives.

Juvenile Justice:

CCJ 4513 (3)	CCJ 4511 or 4540 (3)
CCJ 4940 (3)	CCJ 4550 or 4652 (3)

plus 3 hours of electives.

Note: No more than five (5) hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major.

Certification in Corrections:

The Department of Criminology offers a certificate in corrections. This certificate is recognized by the Florida Criminal Justice Standards and Training Commission (FCJSTC) and by the Florida Department of Corrections (FDOC) as satisfying some of the Basic Recruit Training objectives for Correctional Probation Officers (CPO). This certificate program consists of 21 semester hours comprised of the following courses: CCJ 3024 (3) CCJ 4282 (3) CCJ 4316 (3) CCJ 4331 (3) CCJ 4341 (3) CCJ 4306 (3) and CCJ 4940 (3). Students must receive approval from the department prior to starting their coursework within this certification program. The program is open to all USF students including Criminology majors and minors as well as to persons who have already received their baccalaureate degrees. All of the required coursework within this certification program must be taken at USF and all additional training requirements must be taken at an FCJSTC approved program in order to qualify as a Florida Correction Probation Officer. Students working toward corrections certification are also subject to the Department's "2 D" rule.

Requirements for a Minor in Criminology

The Department of Criminology offers a minor in Criminology. The minor consists of three required courses (CCJ 3024, 3204, and 3610) totaling 9 credit hours, and the selection of two of the following 3 hour courses (CCJ 4110, 4273, 4306, 4501) for a total of 15 semester hours. 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 academic 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 2023 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 Income & Monetary Analysis	(3)
ECO 4935	Economic Statistics or	
QMB 3200	Business and Economics Statistics II	(3)
	Economics electives numbered 3000 or higher	(18)

ECO 3100, Managerial Economics, may be substituted for ECO 3101.

Either ECO 1000 (if taken before both ECO 2013 and ECO 2023) or QMB 2100 (if taken as a prerequisite to QMB 3200) may be substituted for a maximum of 3 hours of upper level elective credit.

Students must obtain a grade of "C" or higher in ECO 3101 or ECO 3100 in order to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite. At least 9 of the 18 hours of upper level economics electives must be in courses for which either ECO 3101, ECO 3100 or ECO 3203 is a prerequisite.

No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914.

At least 12 hours must be taken in residence at USF.

Grades of "C" or better in ECO 2013 and ECO 2023 are required for graduation with a major in Economics.

Economics majors working at the regional campuses cannot expect to fulfill all economics course requirements at those campuses.

Requirements for the Minor in Economics

Students from throughout the university may 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 minor course work for certification of the minor for graduation. ECO 4905 and ECO 4914 may not be counted toward the minor. 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 or applying for admission to law schools.

• ENGLISH (ENG)

First-Year Composition Requirement: All first-time-in-college students are required to take Composition I and II (a sequential two-semester course of study) in accordance with the following conditions:

1. First-time-enrolled students (a) who do not intend to take the CLEP Freshman English Test, or (b) who have been notified of failing CLEP prior to registration and who do not intend to attempt the exam a second time must take ENC 1101 and ENC 1102 sequentially. If a student fails the first course, he/she must repeat it before proceeding to the next Composition course. Students should normally take these courses before their sophomore year, but these courses are in high demand and it is possible that registration space will not always be available.
2. First-time-enrolled students (a) who have not taken CLEP prior to their arrival on campus, or (b) who have failed but wish to repeat the test, must attempt CLEP during their first nine (9) weeks. During this semester, they should not enroll in ENC 1101. If a student either fails or doesn't attempt the CLEP examination during his/her first nine (9) weeks, the student normally should take ENC 1101 in the following semester. In this case, the student will normally complete the sequence by the first semester of his/her sophomore year.

These policies do not apply to first-time-enrolled students who can meet the Composition requirement with credit transferred from another institution or with appropriate AP English credit.

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 coverage 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 hrs.) as follows:

- Two of the following:
 - AML 3031 American Literature to 1860
 - AML 3032 American Literature 1860-1912
 - AML 3051 American Literature 1912-1945
- 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
- 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
- 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 Fiction Form & Technique 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 3111 must be taken before any other courses in the Fiction series, and CRW 3311 must be taken before any other courses in the Poetry series.

2. Literature Requirements

The student must select seven literature courses from those listed in OPTION I. Two courses must be from Group 1, two more from Group 2, and three 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 Communications for Engineers

2. Literature requirements:

The student must select seven literature courses from those listed in OPTION I as follows: Two courses from Group 1, four courses from Group 2, and one course from Group 3 and/or Group 4.

Requirements for the Minors 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
or
ENL 3332 Late Shakespeare
3. *One course at the 4000 level listed in major OPTION I*
4. *One additional 3000- or 4000-level course with AML, CRW, ENC, ENL or LIT prefix*

CREATIVE WRITING MINOR (15 HOURS)

1. CRW 3111 Fiction Form & Technique
or
CRW 2100 Narration & Description
CRW 3311 Form & Technique of Fiction
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 II
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
2. One AML or ENL course listed in OPTION I
Any two of the following courses:
CRW 2100 Narration & Description
ENC 3213 Professional Writing
ENC 3310 Expository Writing
ENC 4311 Advanced Composition
ENC 4931 Communication for Engineers

• 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.

The Bachelor of Science (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 policy, statistics and physical science (either geology or physics). In addition, majors take six 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 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. *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 2233 & MAC 2234 Elementary 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 four 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 2010C Biology I	
BSC 2010L Biology Lab I	
BSC 2011C 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 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 2010L Dynamic Earth Lab
 or
 GLY 2100 Historical Geology
 GLY 2100L Historical 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 2233 Elementary Calculus I
 MAC 2234 Elementary 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 2233 and MAC 2234 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 Program office for a current list of electives under this category.

Requirements for the Minor in Environmental Science and Policy

A total of 19-20 credits are required for the minor in Environmental Science and 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 Policy
 PHI 3640 Environmental Ethics
 ECO 3302 Environmental Economics
 (prerequisite: ECO 2023 Microeconomics)
 POS 3697 Environmental Law

And one 3-4 credit course from the following list, with prior approval from an ESP advisor:

- BSC 4057 Environmental Issues
 CGN 4933 Policy Issues in Environmental Engineering

- SPC 4930 Communication and the Natural Environment
 GEO 4340 Natural Hazards
 HIS 4936 Seminar in Environmental History
 POS 5086 Global Environmental Governance
 WST 3225 Women, Environment and Gender
 ANT 4199 Environmental Archaeology
 EVR 4930 Selected Topics in Environmental Policy

• GEOGRAPHY (GPY)

The degree program in Geography consists of 10 courses (41 hrs. 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 students, which 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.

Students should complete two introductory courses in Geography prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted.

Upper-level Course Requirements

A major in Geography consists of 10 courses as follows:

Required core courses (5 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)
 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)
<i>Environmental Track Courses:</i>	
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 4444 Biogeography	(4)
<i>Techniques Courses (electives):</i>	
GEO 4114C Geographic Techniques and Methodology	(4)
GEO 4131C Remote Sensing of the Environment	(4)
GEO 4151C Geographic Information Systems (GIS)	(4)
<i>Courses Excluded as Electives for the major:</i>	
GEO 1930 Geography of Current Events	(4)
<i>Only 4 combined hours of the following courses may be applied toward the degree:</i>	
GEO 4900 Directed Reading	(1-4)
GEO 4910 Individual Research	(1-4)

Requirements for the Minor in Geography

A minor in Geography consists of 17 credit hours, with a minimum grade-point average of 2.0. The required courses are:

GEO 3013 (4) GEO 3013L (1) GEO 3402 (4)
 One GEA elective (4) and one upper level GEO, MET or URP elective (3000-5000 level) (4).

• **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 1040 & CHM 1041 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
- PHY 2049C General Physics and Laboratory II
or PHY 2049/2049L
- PHY 2053C Physics
- PHY 2054C Physics
- XXX XXXX - Historical Geology **strongly** recommended

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

Requirements for the Major in Geology (BS)

1. Geology courses (36 hours):

- a. Introductory Sequence* (4 hours):
 - 1. One course chosen from GLY 2010, GLY 2030, GLY 2038, GLY 2040, GLY 2050, 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 (20 hours):
 - GLY 3115C Geologic Time (4)
 - GLY 3315C The Solid Earth: Petrology (4)
 - GLY 3420C The Solid Earth: Plate Tectonics and Earth Structure (4)
 - GLY 3552C The Earth's Surface (4)
 - GLY 3800C The Fluid Earth (4)

- c. Senior-Level Sequence (12 hours):
 - GLY 4145 Computational Geology (3)
 - GLY 4400 Geocommunications (3)
 - and either:
 - GLY 4947L Practical and Applied Geology (6)

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 (32 hours):

- MAC 2281, MAC 2282 (recommended)
or MAC 2311, MAC 2312
- BSC 2010, 2010L, BSC 2011, 2011L
- CHM 2045, 2045L, CHM 2046, 2046L
- PHY 2048, 2048L, PHY 2049, 2049L (recommended)
or PHY 2053, 2053L, 2054, 2054L

Requirements for the Major in Geology (BA)

1. Geology courses (30 hours):

Required courses include the introductory requirement and Junior-level sequence (24 hours), plus GLY 4145 and GLY 4400 (6 hours)

2. Supporting Courses for the B.A. Degree (24 hours):

CHM 2045, 2045L, CHM 2046, 2046L
MAC 2233, 2234 or MAC 2311, 2312 or MAC 2281, 2282

Two courses in biology or physics 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

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 Department of Gerontology, 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 Department 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 Department of Gerontology also hosts the university-wide Ph.D. in Aging 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 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.

For those seeking the Bachelor of Science degree, students complete the **prerequisite courses** listed below prior to being admitted to the upper-division major. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

ACGX021	Financial Accounting or ACG X001
ACGX071	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
GEYX000	Introduction to Gerontology
STAX122	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.

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.

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 twelve (12) hours of prerequisites: ACG 2021, ACG 2071, CGS 2000, 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)
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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 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.

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: ANT 2410, Cultural Anthropology; GEA, World Regional Geography; CPO 2002, Comparative Politics; INR 2002, Introduction to International Relations; REL 2300, Introduction to World Religions; or GEB, 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. Students may also take upper level electives from the International Studies curriculum.

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.

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.

Suggested courses:

Economics (any ECO)	(6)
ENC 1101 English I--Essay Writing	(3)
ENC 1102 English II--Essay Writing	(3)
Foreign Language I	(4)
Foreign Language II	(4)
Geography (any GEO)	(3)
History (any AMH or EUH)	(6)
POS 2112 State and Local Government	(3)
Psychology (any PSY)	(3)
Sociology (any SOC)	(3)
SPC 2600 Public Speaking	(3)

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 cr. hrs.)

CPO 2002 (3) or INR 2002 (3)
POS 2041 (3)
POT 3003 (3)
POS 3713 (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 cr. hrs.) 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)
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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.

FIELDWORK

The Department of 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 thesis proposal must be approved by the student's major professor before s/he begins writing;
- students need two academic advisors who must approve the final version of the thesis;
- students will publicly present their thesis and provide a copy of it to the department after the final draft has been approved;
- the thesis must be at least 50 pages long, contain an abstract, table of contents, bibliography and footnotes/endnotes;
- all these 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 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.

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	English--Essay 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, non-profit organizations, and special service districts and/or graduate work in public administration and related fields. The courses listed below may be taken for undergraduate credit. Please note that the 5000-level courses listed are available to seniors and graduate students only.

PAD 3003	Introduction to Public Administration
PAD 4204	Public Financial Administration
PAD 5035	Issues in Public Administration and Public Policy
PAD 5333	Concepts and Issues in Public Planning
PAD 5605	Administrative Law and Regulation
PAD 5700	Research Methods in Public Administration
PAD 5807	Administration of Urban Affairs
PAD 5836	Comparative Public Administration

For further information, please contact the Public Administration Program.

• HISTORY (HTY)

The discipline of history embraces a world of ideas, peoples, and events. Our faculty seek 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 diversification. Our faculty endeavor to move students beyond traditional memorization of material to a critical level of thinking, analysis, and synthesis.

Requirements for the Major in History

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 are encouraged to complete two lower level introductory history courses from the list below to meet prerequisites for the major during the program of study at the community college and, when feasible, in General Education/Gordon Rule courses. 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.

Western or World Civilization I, II

American History I, II

Latin American History I, II

Upper-level Course Requirements for the Major

A minimum of 32 semester hours is required for a major in history. Twelve hours of 2000 level courses, or their equivalent, constitute the lower level requirements. At least 12 hours of course work must be drawn from the 3000-4000 level in addition to HIS 4104 and 4936, which constitute the upper level requirements for the degree. A minimum grade of "C" or better must be attained in each course counted for the 32 hours of history. Grades of "D" or "F" in history coursework will, however, be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy. It is recommended that history majors take ENC 3310, "Advanced Expository Writing," SPC 2023, "Fundamentals of Speech Communication," LIS 2001, "Information Resources and Library Research," and computer service courses. Additional hours can be profitably drawn from the following disciplines: Africana Studies, American Studies, Anthropology, Economics, Geography, Government and International Affairs, Psychology, Philosophy, 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 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. Only one lower-level sequence counts, earning 4 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 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 is an interdisciplinary curriculum that deals with the visual arts, music, literature and the culture from which they emerge. Secondary sources are used sparingly; students are encouraged to make a vigorous, personal response to specific works of art, literature, and music.

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 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.

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. 22 credits of upper-level Humanities courses (3000 or 4000 level)
3. HUM 4931 (Seminar in Humanities), four credit hours; offered only in fall 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 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.

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 English I	(3)
ENC 1102 English 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). 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 Bachelor of Arts in the Interdisciplinary Natural Sciences major is designed for students seeking a broad program in the natural sciences and for majors in Science Education and Mathematics Education.

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 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.

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

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.

One year each, if offered, of:

Biology I and Biology II (BSC 2010, 2010L, BSC 2011, 2011L)	8
Calculus (MAC 2233, MAC 2234 or MAC 2311, MAC 2312)	6-8
General Chemistry (CHM 2041, CHM 2045L, CHM 2046, CHM 2046L)	8
General Physics (PHY 2053, PHY 2053L, PHY 2054, PHY 2054L or PHY 2048, PHY 2048L, PHY 2049, PHY 2049L)	8
Introduction to Physical Geology and History of the Earth and Life (GLY 2010, GLY 2010L, GLY 2100, GLY 2100L)	8

Requirements for the Major in Interdisciplinary Social Sciences

Upper-level coursework required for Interdisciplinary Social 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 2233, 2234 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, 2010L and GLY 2100, 2100L)
Physics I and II (PHY 2048, 2048L, 2049, 2049L or PHY 2053, 2053L, 2054, 2054L)

TIER 2

At least 8 hours of structured, upper division (3000 level or higher) courses in three of the five natural sciences areas, totalling 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. Exit courses and non-major electives will not count toward this requirement.

Residency

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

The requirements for graduation for this degree are the same as those contained in Arts and Sciences General Requirements for Degree except for the following:

The Clinical Laboratory Sciences emphasis is designed to prepare students for application to a clinical program in Medical Technology or Cytology following graduation or employment in a laboratory. This major may also be used as a preprofessional degree. Students applying to professional school (e.g. Medicine) should determine then which courses are required for admission. Students planning to apply to clinical programs in Medical Technology need to include a course in Immunology. Students contemplating graduate study should pursue a major in the discipline of their interest, such as Biology, Chemistry, or Microbiology. For the Clinical Laboratory Sciences emphasis, completion of a minimum of 54 credit hours in natural sciences with a "C" or higher in each major and supporting course.

Supporting Courses:

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)
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 2233	Elementary Calculus I	(4)
STA 2023	Introductory Statistics	(4)

Major Courses:

BCH 3023	Introductory Biochemistry	(3)
or		
CHS 4300	Fundamentals of Clinical Chemistry	(3)
CHM 2210	Organic Chemistry I	(3)
CHM 2210L	Organic Chemistry I Lab	(2)
CHM2211	Organic Chemistry II	(3)
CHM 2211L	Organic Chemistry II Lab	(2)
MCB 3030C	General Microbiology	(4)
Two (2)	Biology major electives including at least one with lab (min. 6 hours)	

Select from the following list noting prerequisites where applicable:

BOT 4434C	Mycology
MCB 4115C	Determinative Bacteriology
MCB 4404	Microbial Physiology and Genetics
MCB 4404L	Microbial Physiology and Genetics Lab
PCB 3023	Cell Biology
PCB 3023L	Cell Biology Lab
PCB 3063	General Genetics
PCB 3063L	Genetics Lab
PCB 4064C	Experimental Genetics
PCB 5235	Principles of Immunology

Majors sciences electives in Biology, Chemistry, or Physics to total minimum of 54 hours. Select from the following list, noting prerequisites where applicable, and not duplicating courses used to meet the above requirements:

BCH 3023	BCH 3023L	BCH 4034
BOT 4434C	CHM 3120C	CHM 4060
CHS 4100C	CHS 4300	CHS 4301L
MCB 4115C	MCB 4404	MCB 4404L
MCB 4502C	MCB 5206	MCB 5815
PCB 3023	PCB 3023L	PCB 3063
PCB 3063L	PCB 4064C	PCB 4723
PCB 4723L	PCB 5235	PCB 5525
PHY 2053	PHY 2053L	PHY 2054
PHY 2054L	ZOO 4753C	ZOO 5235

NOTE: Transfer students with credit for two semesters of anatomy and physiology with laboratories may substitute these courses for BSC 2011, 2011L.

Computer competency is essential for work in a modern laboratory. Students lacking computer skills should take CGS 2060.

• 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.

In addition to classes at the Tampa and regional campuses, students have the option of attending USF classes in the Interdisciplinary Social Sciences program at either the St. Petersburg Junior College campus in Clearwater or at the Pasco-Hernando Community College campus. For information about Clearwater classes, call (727) 424-8430 or (813) 974-4673, and for USF classes at Pasco-Hernando Community College, call (727) 424-8431 or (813) 974-9056.

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 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.

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	Black Experience	(3)
AMH 2010 or 2020	American History	(3)
ANT 2000	Introduction to Anthropology	(3)
ECO 2013	Economic Principles (Macroeconomics)	(3)
ECO 2023	Economic Principles (Microeconomics)	(3)
GEA 3000	World Geography	(4)
POS 2041	National Government	(3)
or		
POS 2112	State and Local Government	(3)
SYG 2000	Introduction to Sociology	(3)
WST 3010	Women's Studies	(3)

Upper-level Coursework required for Interdisciplinary Social Sciences Majors

- Required core courses for the major are:

ISS 3010	Introduction to Social Sciences	(3)
ISS 4935	Seminar in the Social Sciences -MW	(3)
STA 2122	Social Sciences Statistics -6A QM	(3)
- The ISS student chooses between two cognate areas and completes twelve hours in each. Twenty available cognates (listed below) range from Africana Studies, to Criminal Justice, Sociology, and Women's Studies. In addition, three special electives emphasize cultural diversity.
- 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 in CAS will automatically count toward the ISS degree.**
- 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.
8. Students in **Communications Sciences and Disorders** major in ISS with an emphasis in (a) Speech and Hearing Science, (b) Interpreter Training for the Deaf, or (c) American Sign Language. **Advising for this concentration is handled at the Communication Sciences and Disorders Department.**

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:

AFA, ANT, CCJ, ECN, EVR, GEY, GPY, HTY, HUM, HUS, INT, ISA, ISH, LAS, PAD, POL, PSY, SOC, SOW, and WST.

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 systems; the various concepts, theories and methods studied in the social sciences; and apply them to the issues of the day. Social Science Statistics is the third core course required for majors in Interdisciplinary Social Sciences.

• LANGUAGES AND LINGUISTICS

The Division of Languages and Linguistics 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)

The major in Classics is 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 major is of 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 which focuses on the ancient civilizations which 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.

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. 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.

ENC 1101	Composition I	(3)
ENC 1102	Composition II	(3)
EUH 2011	Ancient History I	(3)
EUH 2012	Ancient History II	(3)
Beginning and Intermediate Basic Preparation for Major (LAT 1120, 1121, or GRE 1120, 1121) (16)		

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 any combination of courses offered in Latin (LAT and LNW) and in Greek (GRE and GRW). 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.

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 3.0
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 3.0.
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. A written examination on a designated area of Latin or Greek literature (for example, the Golden Age, the Silver Age, etc.).
5. Successful completion of an upper-level Greek or Latin course designated as an Honors Seminar.

LINGUISTICS (LIN)

Linguistics is primarily an upper-level and graduate discipline with strong interdisciplinary concerns. Although no baccalaureate degree is offered, the minor in linguistics may provide a broader educational experience for students majoring in adjacent arts and sciences such as Anthropology, Communication, Communication Sciences and Disorders, English, Foreign Languages, Philosophy, Psychology, Sociology, and others.

Requirements for the Minor in Linguistics

The minor in Linguistics requires a minimum of 18 semester hours as follows:

LIN 3010	(3)
Plus 15 semester hours from the following:	
ANT 3610	(3)
CLT 3040	(3)
DEP 4135	(3)
EXP 4640	(3)
LIN 3801	(3)
LIN 4040	(3)

LIN 4600 (3) LIN 4710 (3) SPC 3210 (3)
 SPC 3712 (3)

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.

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 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 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 cr. hrs.)

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 cr. hrs.)

FRE 2240 (3)	FRE 3420 (3)
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Supporting courses required for the minor

9 hours in 3000, 4000, or 5000 level courses except courses in translation.

• GERMAN (GER)

Requirements for the major (14 cr. hrs.)

GER 2240 (3)	GEW 4100 (4)
GER 3420 (3)	GEW 4101 (4)

Supporting courses required for the major

18 hours in 3000, 4000, or 5000 level courses, including approved courses in related disciplines, planned with the advisor.

Required courses for the minor (6 cr. hrs.)

GER 2240 (3)	GER 3420 (3)
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Supporting courses required for the minor

10 hours in 3000, 4000, or 5000 level courses except courses in translation.

• MODERN GREEK (GRK)

Required courses for the minor (16 cr. hrs.)

GRK 2200 (4)	GRK 4905 (4)
GRK 2201 (4)	GRK 4930 (4)

• ITALIAN (ITA)

Required courses for the major (15 cr. hrs.)

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 cr. hrs.)

ITA 2240 (4)	ITA 3420 (3)
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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 cr. hrs.)

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 cr. hrs.)

RUS 3240 (4)	RUS 4241 (4)
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Supporting courses required for the minor

8 hours in 3000 or 4000 level courses.

• SPANISH (SPA)

Required courses for the major (15 cr. hrs.)

SPN 3300 (3)	SPN 4301 (3)
SPW 4100 (3)	SPW 4131(3)
SPW 4101 (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 (3 cr. hrs.)

SPN 3300 (3)

Supporting courses required for the minor

12 hours in 3000, 4000 or 5000 level courses except courses in translation.

• 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 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.

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 who is located in the Dean's Office.

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 Academic Affairs in SOC 102.

• LIBRARY AND INFORMATION SCIENCE (LIS)

The School of Library and Information Science offers undergraduate classes 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 classes that will prepare them to access and evaluate these information resources. Topics taught in these classes include using the Internet to answer educational and research needs; designing and creating web pages; efficiently finding and using the information resources of the modern, and increasingly electronic library.

The School's faculty will counsel 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>.

• MARINE SCIENCE (MSC)

Although the department does not offer an undergraduate degree, graduate courses in the Department of Marine Science are open to advanced undergraduates in other natural science disciplines. In addition, the Department of Marine Science has recently increased the number of courses specifically geared for undergraduates; consult the Schedule of Classes for course titles currently being offered. Some Department of Marine Science courses are available on all campuses by means of distance learning.

The Department of Marine Science (DMS) at the University of South Florida offers M.S. and Ph.D. degrees in Marine Science. The student may emphasize biological, chemical, geological, or physical oceanography, or develop an interdisciplinary program in Oceanography through course work and thesis or dissertation research. More than 100 students are currently pursuing degrees under the direction of 26 full-time faculty. Study areas range from estuarine and near-shore systems to remote areas of the Pacific, Atlantic and Indian Oceans, as well as the Arctic and Antarctic. Additional information on faculty research and departmental facilities is available at the department's web site (<http://www.marine.usf.edu>) and from the department upon request.

The department's location on St. Petersburg's Bayboro Campus allows immediate access to Tampa Bay and the Gulf of Mexico. Bayboro Harbor is home port to the R/V *Bellows* (71 ft.) and the R/V *Suncoaster* (110 ft.). These vessels are operated by the Florida Institute of Oceanography (FIO) for the entire State University System. The department's principal building is shared with FIO and is adjacent to the Florida Marine Research Institute (FMRI), the research arm of the Florida Department of Environmental Protection. A newly occupied research building is shared by DMS and FMRI and houses a remote-sensing, satellite data-acquisition center. The U.S. Geological Survey (USGS) center for Coastal Geology and Regional Studies, the office of the Tampa Bay National Estuary Program, FMRI, and the Department of Marine Science are all located on the Bayboro Campus. Consequently, St. Petersburg is home to one of the largest concentrations of marine scientists in the southeastern United States; many of these scientists serve on advisory committees of DMS graduate students.

• 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. See MMC 4945 in catalog course listings. 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 including a minimum of 45 hours with a 2.7 minimum Overall Grade Point Average, and 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 28 hours of a combination of required and selective sequence courses for a total of 34 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 90 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 34 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 34 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 nineteen (19) 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 (except at the USF St. Petersburg campus where an evening schedule is available).

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 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 18 semester hours outside the Mass Communications curriculum 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. 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 2.7 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 4800 Advertising Campaigns
ADV 4940 Advertising Practicum
MMC 4203 Media Ethics
MMC 4420 Research Methods
Selective Requirements (9 hours required, selected with advisor's approval)

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

ACG 3074 Managerial Accounting for
Non-Business Majors
ECO 1000 Basic Economics
MAR 3023 Basic Marketing

See specific courses for prerequisites.

2. JOURNALISM Requirements

News-Editorial Option

JOU 2100 Beginning Reporting
JOU 3101 Advanced Reporting
JOU 4104 Public Affairs Reporting
JOU 4200 News Editing I
MMC 4200 History and Principles of
Communications Law
JOU 4206 Newspaper Design and Typography

or
PGY 3610C Photojournalism I
Selective Requirements (10 hours required, selected with advisor's approval)

Other 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 3300 Magazine Article and Feature Writing
JOU 4200 News Editing I
MMC 4200 Communications Law
MMC 4420 Research Methods

MMC 4936 Selected Topics: Publication Design
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.

3. PUBLIC RELATIONS Requirements

ADV 3000 Introduction to Advertising
JOU 2100 Beginning Reporting
MMC 4420 Research Methods
PUR 3000 Principles of Public Relations
PUR 4100 Writing for Public Relations
PUR 4401 Public Relations Issues, Practices, Problems
PUR 4801 Advanced Public Relations
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
MAN 3025 Principles of Management
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

MMC 4200 Communications Law
MMC 4420 Research Methods
RTV 3001 Introduction to Telecommunications
RTV 3301 Broadcast News
RTV 4304 TV News
Selective Requirements (12 hours required, selected with advisor's approval)

Other Requirements:

ORI 2000 Intro to Communication as Performance
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

Programming and Production Option

MMC 4200 Communications Law
MMC 4420 Research Methods
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
Selective Requirements (3 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

All undergraduate students who successfully complete MMC 2100 Writing for Mass Media or its equivalent at USF or

elsewhere *after* spring term 2001 must meet the requirements of a new 37-hour curriculum. Please see the School of Mass Communications undergraduate advisor or the School of Mass Communications Internet site for more information.

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 28 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.

COPXXXX Computer Language Course
(Pascal, FORTRAN, C, C+, or C++)
MACX311 Calculus I
MACX312 Calculus II

MACX313 Calculus III

Students must also complete two laboratory-based science courses, 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 which 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 (Min. 45 cr. hrs.)

Core Requirement. Majors must complete the following five courses (20 cr. hrs.):

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 cr. hrs.):

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 (Min. 21 cr. hrs.):

CGS 3422	Problem Solving Using Pascal or C	(3)
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 5407	Methods of Applied Mathematics	(3)
MAS 4124	Numerical Linear Algebra	(3)
MAS 4156	Vector Calculus	(4)
MAS 5215	Number Theory	(3)
MAS 4301	Elementary Abstract Algebra	(3)
MAT 4970	Mathematics Senior Thesis	(3)
MHF 5405	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.

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 STA4321.

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 cr. hrs.)

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 U.S.F. 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 average for all college courses, and
3. have at least a 3.5 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. By awarding up to 20 hours of dual credit (undergraduate and graduate), the student also uses these courses to satisfy the requirements for the MA in mathematics.

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 average for all college courses, and
3. have at least a 3.5 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. A student in this program is eligible to apply for an assistantship in the senior year. 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 cr. hrs.):

1. Required Courses (20 cr. hrs.)

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 cr. hrs.)

Any 2 mathematics courses which 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 Mathematics Education section of this catalog.

• 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 alternative 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 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. They may be completed at a community college or other institution or at USF. Courses available at USF are indicated with an asterisk.

- 1) General Biology I with lab (4)
(e.g. BSC 1010, 1010L; BSC 2010, 2010L*)
- 2) Human Anatomy and Physiology I with lab (4)
(e.g. BSC 1085, 1085L; BSC 2085, BSC 2085L*) **and**
- 3) Human Anatomy and Physiology II with lab (4)
(e.g. BSC 1086, 1086L; BSC 2086, BSC 2086L*)
- 4) General Microbiology with lab (4)
(e.g. MCB 2010, 2010L; MCB 3030C*)
- 5) General Chemistry I & II with labs (8)
(e.g. CHM 1045, 1045L, 1046, 1046L;
CHM 2041, 2045L, 2046, 2046L*)

- 6) Organic Chemistry I with lab (4-5)
(e.g. CHM 2210, 2210L*)
- 7) Organic Chemistry II with lab (4-5)
(e.g. CHM 2211, 2211L*)
- 8) Statistics (3-4)
(e.g. STA 2023*)

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

- | | |
|----------------------------------------|-----|
| College Algebra (MAC 2102 or MAC 2132) | (3) |
| Determinative Bacteriology (MCB 4115) | (5) |
| Immunology (PCB 5235 or equivalent) | (3) |
| Clinical Chemistry (CHS 4300) | (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 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.

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 3420 History of Philosophy: Modern
 b. PHI 2100 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 3420 History of Philosophy: Modern
 PHH 4600 Contemporary Philosophy
 or
 PHH 4440 19th Century Continental Philosophy
 PHI 2100 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:

- Students must complete
 PHI 2100 Introduction to Formal Logic
 PHH 3062 History of Philosophy: Ancient and Medieval
 PHH 3420 History of Philosophy: Modern with a grade point average of 3.6.
- Students must have an overall grade point average of 3.0, and their grade point average in Philosophy must be at least 3.5.
- Students must be nominated for admission into the Philosophy program by a faculty member in Philosophy, and a majority of the faculty 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:

- students must take either PHH 4440 19th Century Continental Philosophy or PHH 4600 Contemporary Philosophy
- 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 4600 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

- Students must take an Honors Seminar in their senior year.
- 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.
- 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.
- 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.

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 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.

- 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 cr. hrs.)
 PHY 2048 (3) PHY 3221 (3) PHY 4324C (4)
 PHY 2048L (1) PHY 3323C (4) PHY 4823L (2)
 PHY 2049 (3) PHY 3822L (2) PHY 4910 (1-4)
 PHY 2049L (1) PHY 4222 (3) PHY 4930 (1)

Physics Electives (6)

B.S. PHYSICS (44 cr. hrs.)

PHY 2048 (3) PHY 3323C (4) PHY 4604 (3)
 PHY 2048L (1) PHY 3424 (4) PHY 4823L (2)
 PHY 2049 (3) PHY 3822L (2) PHY 4910 (1-4)
 PHY 2049L (1) PHY 4222 (3) PHY 4930 (1)
 PHY 3101 (3) PHY 4324C (4) PHZ 5405 (3)
 PHY 3221 (3) PHY 4523 (3)

¹Substitutions permitted subject to approval of undergraduate advisor.

2. Supporting Courses in the Natural Sciences

B.A. and B.S. PHYSICS (20 cr. hrs.)
 CHM 2041 (3) CHM 2046L (1) MAC 2313 (4)
 CHM 2045L (1) MAC 2311 (4) MAP 2302 (3)
 CHM 2046 (3) MAC 2312 (4)

²The sequence MAC 2281 (3), MAC 2282 (3), and MAC 2283 (3) may be substituted for the sequence indicated.

3. Liberal Arts Requirements

[General Education Requirements (36 cr. hrs.); Exit Requirements (9 cr. hrs.)]
 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

The minor in Physics is open to students with majors in the sciences, engineering and mathematics. A minor in Physics consists of 19 credit hours, which include, PHY 2048 (3), PHY 2048L (1), PHY 2049 (3), PHY 2049L (1), PHY 3101 (3), PHY 3822L (2), and two electives from the approved Physics courses.

Teacher Education Programs

For information concerning the degree programs for secondary school teachers, see Teacher Education Programs this college; 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. 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 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.

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. All majors must complete:

Other Course Requirements for Psychology Majors

- 2000/3000 Level Requirement (6 semester hours)
 - PSY 2012 Contemporary Psychology (if not already taken at a community college)
 - PSY 3044 Experimental Psychology
- 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.
- 4000 Level Requirement (21 semester hours)
 - 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.

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. For students minoring in Psychology, a grade of "C" or better in any college-level statistics course will substitute for the PSY 3213 requirement.

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. 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 and CLP 4414 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 two letters of recommendation. Admissions are typically made in the fall of each academic year. Successful completion of the concentration prepares students for employment opportunities in a variety of setting, 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 (6) and PSY 4970 (6). See the Psychology Department Undergraduate Advisor for details of the program and an application form.

- **REHABILITATION AND MENTAL HEALTH COUNSELING (REF)**

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. Students admitted through the five-year program (REF) must have completed 90 semester hours of work, including required courses in the undergraduate major, and have satisfied General Distribution, 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 during their sophomore year. They should concentrate on taking required courses in their undergraduate major, and should generally defer taking electives until admitted to the five-year program. Applications for the five-year program are available from the Department. GRE scores must be reported to USF before any application can be processed, and three letters of recommendation are required.

The mission of Rehabilitation and Mental Health Counseling is to help individuals with physical, mental, and psychiatric disabilities return to full, rewarding, and productive lives. 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. A special elective concentration in substance abuse is offered, and other study concentrations can be arranged on an individual basis.

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 are also able to meet Florida's educational standards for licensure as a Clinical Mental Health Counselor.

- **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 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.

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 4949 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.

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 4949 Development of Religious Studies (3)
- c. REL 4931 Seminar in Religion (3)
- d. An additional 9 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.

• 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.

Additionally, any student who does not maintain a GPA of at least 2.75 in social work courses while enrolled in the B.S.W. program or who clearly does not exhibit responsible professional behavior, may be subject to dismissal from the program. A social work major receiving a grade of less than "C" in a core course will be required to repeat the course. Furthermore, no student will be allowed to enter field placement with a "D" grade in any SOW core courses, even if the student's GPA is 2.75 or above with the inclusion of the "D" grade.

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 has completed common prerequisite work in political science, biology, economics, psychology and

sociology (see specific requirements below) may declare a presocial work major. At this stage, students may file a declaration of major form with the College of Arts and Sciences, Records and Advising Office. 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 distribution at USF or in their course of study at a community college. After completion, a student will be ready for provisional courses in the pre-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 pre-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.
6. A student must have successfully completed CLAST. CLAST may be repeated.

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 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.

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.

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.

State Mandated Common Prerequisite Courses (P)

A student must successfully complete, by earning a "C" or better:

- 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 2022 Biology of Aging (3)
 - BSC 2025 Food: Personal & Global Perspectives (3)
 - BSC 2035 Sex and Today's World (3)
 - BSC 1005 Principles of Biology for Non-majors (3)
 - WST 2380 Human Sexual Behavior (3)
- Economics:*
- ECO 1000 Basic Economics (3)
- Psychology:*
- PSY 2012 Introduction to Contemporary Psychology (3)
 - PSY 3044 Experimental Psychology (3)
 - CLP 3003 Psychology of Adjustment (3)
- Sociology:*
- SYG 2000 Introduction to Sociology (3)
 - SYG 2010 Contemporary Social Problems (3)
 - SYG 4800 Gender and Society (3)
 - SYP 3000 Social Psychology (3)
 - SYO 3530 Poverty, Inequality, and Stratification (3)
 - SYP 4510 Sociological Aspects of Deviance (3)

Foundation Courses (P*) for Pre-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.

- Introduction to the Black Experience
- Social Institutions and the African-American Community
- Black Women in America
- Culture and Society in Africa
- Racism in American Society
- Blacks in the American Political Process

Anthropology:

- Introduction to Anthropology
- The Anthropological Perspective
- Cultural Anthropology
- Ethnic Diversity in the USA
- The Individual and Culture

Sociology:

- Racial and Ethnic Relations

Women's Studies:

- Introduction to Women's Studies
- Psychology of Women
- Women and Politics
- Issues in Feminism
- American Women in Contemporary Society I
- American Women in Contemporary Society II
- Literature by American Women of Color
- The Image of Women in Literature (also offered in English)
- Third World Women Writers (also offered in English)

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

- American Social Welfare System
- Introduction to Social Work

Foundation Courses (P*) for Pre-Social Work Majors

1. A student must successfully complete by earning a "C" or better one of the following cross cultural courses or equivalency.

- AFA 2000 Introduction to the Black Experience (3)
- AFA 4331 Social Institutions and the African-American Community (3)
- AFA 4335 Black Women in America (3)
- AFS 2250 Culture and Society in Africa (3)
- AMS 3700 Racism in American Society (3)
- PUP 3313 Blacks in the American Political Process (3)

Anthropology:

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

Sociology:

SYD 3700	Racial and Ethnic Relations	(3)
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Women's Studies:

WST 3010	Introduction to Women's Studies	(3)
SOP 3742	Psychology of Women	(3)
PUP 4323	Women and Politics	(3)
WST 3011	Issues in Feminism	(3)
AMH 3561	American Women I	(4)
AMH 3562	American Women II	(4)
WST 4262	Literature by American Women of Color	(3)
LIT 3383	The Image of Women in Literature	(3)
WST 4263	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

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

Summary:

Core Courses	29 hours
Field Experience	9 hours
TOTAL	38 hours

Provisional Courses (P*) for Social Work Majors

- A student must successfully complete by earning a "C" or better one of the following cross cultural courses or equivalency.

AFA 2000	Introduction to the Black Experience	(3)
AFA 4331	Social Institutions and the African-American Community	(3)
AFA 4335	Black Women in America	(3)
AFS 2250	Culture and Society in Africa	(3)
AMS 3700	Racism in American Society	(3)
PUP 3313	Blacks in the American Political Process	(3)

Anthropology:

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

Sociology:

SYD 3700	Racial and Ethnic Relations	(3)
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Women's Studies:

WST 3010	Introduction to Women's Studies	(3)
SOP 3742	Psychology of Women	(3)
PUP 4323	Women and Politics	(3)
WST 3011	Issues in Feminism	(3)
AMH 3561	American Women I	(4)
AMH 3562	American Women II	(4)
WST 4262	Literature by American Women of Color	(3)
LIT 3383	The Image of Women in Literature	(3)
WST 4263	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

- Human Behavior and Social Environment Courses
SOW 3101 (4) SOW 3102 (4)
- Social Welfare: Policy & Program Course
SOW 4233 (4)
- Social Research Course
SOW 3401 (4)
- Social Work Practice Courses
SOW 4341 (5) SOW 4343 (5)
- Directed Field Experience
SOW 4510 (3) SOW 4510L (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 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 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 2010	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):

SYG2000 Introduction to Sociology (May be replaced with an upper level sociology elective if a total of 12 or more hours of sociology coursework is completed before declaring a Sociology major)

SYA 3010 Classical Theory

SYA 3300 Research Methods (Prerequisite: STA 2122 Social Science Statistics or its equivalent)

SYA 4935 Senior Seminar (Students earning a grade less than "C" in this course must take an additional course in Sociology. In that event, the minimum number of Sociology credits is 39)

The remaining 24 hours of sociology coursework may be comprised of any of the courses offered by the Sociology department **with the exception of SYG 2412 "Marriage."** This course counts toward the total number of hours needed to graduate but it does not count toward the minimum number of sociology hours needed for the major. No more than three hours of SYA 4910 individual Research may count toward the 36 hour minimum

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

Requirements for the Minor in Sociology

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

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

HONORS PROGRAM IN SOCIOLOGY

The purpose of the Honors Program in Sociology is to provide exceptional undergraduates with advanced, individualized training in research and writing, as well as more direct contact with faculty mentors. Students in the Honors Program can expect more intensive work and greater challenges than sociology students in the senior year ordinarily face; yet, a student is not admitted to the program without the confidence of faculty in his or her ability to complete the Program. The rewards upon successful completion of the program include advanced training in research design, data collection, analysis, and scholarly writing--all experiences beyond those normally given to sociology majors. Assuming the student is in good standing at the time of application to graduate school, a letter from the Honors Program director outlining the Program's requirements and special features will be sent to each graduate program to which s/he applies. Upon successful completion of the Honors Program requirements, the

student's transcript will state that the student graduated with Honors in Sociology.

Requirements for Admission to the Honors Program

1. Completion of the following courses by the end of the Semester II of the junior year with a Grade point Average of **at least 3.5:**

SYG 2000 Introduction to Sociology

SYA 3010 Classical Theory

SYA 3300 Research Methods

2. An overall Grade Point Average of 3.2 or higher.

3. Completion of at least 72 semester hours by the start of the program in Semester I.

4. At least one course in the substantive area of the student's preliminary research interests, by the time of or during Semester I of the program. If during Semester I, the student must have documentation that the course will be offered at the 3000, 4000, or 5000 level, and that s/he will be able to enroll in the class. If at all possible, this course should be in Sociology, although, in some instances, the director may approve a course outside the department.

5. Tentative agreement by a faculty member to serve as chair of the thesis committee. This faculty member should indicate her/his willingness in a letter of recommendation to the director of the Honors Program.

Successful completion of the Honors program requires completion of the Sociology program with a GPA of 3.5 or better, completion of Honors Seminar and Honors Colloquium, and completion of Honors Thesis. See Sociology Undergraduate Advisor for more information.

• WOMEN'S STUDIES (WST)

The major in Women's Studies provides a well-rounded Liberal Arts education based on the best and most current scholarship on women in many disciplines. Its subject is not only the evolution of historical attitudes, ideologies, and practices concerning women but also an analysis of the current status of different classes, races and groups of women.

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 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.

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: Required Core Courses (6 hours)

WST 3311 Issues in Feminism (3)
WST 4935 Seminar in Women's Studies (3)

and at least 1 course from each of the following 6 areas of concentration (18 hours) and 12 hours of electives

1. Multicultural Issues

WST 3412 Women in the Developing World (3)
AFA 4335 Black Women in America (3)
ANT 4302 Gender in Cross-Cultural Perspective (3)
WST 4260 Research Issues on Women of Color (3)

2. History

AMH 3561 American Women I (4)
AMH 3562 American Women II (4)
WST 3210 Women in Western Civilization I (3)
WST 3220 Women in Western Civilization II (3)
WST 2250 Female Experience in America (3)
WST 4310 Feminism in America (3)

3. Humanities

REL 3145 Women and Religion (3)
WST 4335 Women and Film (4)
AMS 3370 Southern Women-Myth and Reality (3)
WST 4262 Literature by American Women of Color (3)
WST 4410 Third World Women Writers (3)

4. Sciences

SOP 3742 Psychology of Women (3)
SYD 4800 Gender and Society (3)
WST 2600 Human Sexual Behavior (3)
WST 3225 Women, Environment and Gender (3)
WST 4320 Woman's Body/Woman's Mind (3)
WST 4350 Women and Science (3)

5. Theory/Philosophy

WST 4522 Classics in Feminist Theory (3)
PHI 4632 Feminist Ethics (3)
PHM 5125 Topics in Feminist Philosophy (3)
WST 5308 Feminist Spirituality (3)

6. Public Policy

POS 4693 Women and Law I (3)
POS 4694 Women and Law II (3)
PUP 4323 Women and Politics (3)

The following courses, not included within the six areas of concentration, may be used to complete elective hours:

WST 3010 Intro to Women's Studies (3)
WST 3440 Women and Social Action (3)
WST 3620 Men and Sexism (3)
WST 4900 Directed Readings (1-3)
WST 4910 Directed Research (1-3)
WST 4930 Selected Topics (1-4)
WST 5934 Selected Topics (1-4)
STA 2122 Social Science Statistics (3)

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

Requirements for the Minors 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:

WST 3015 or WST 3011

Plus 5 electives chosen from the 6 areas of concentration with no more than 2 courses from any one area and with at least 2 courses at the 4000 level and above.

Students who minor in Women's Studies must be certified by the Undergraduate Advisor.

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. For those interested in the difficult task of creating a harmonious multi-ethnic world, this course of study should be personally and socially rewarding as well as academically challenging.

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 American Women of Color (3)
WST 3412 Women in the Developing World (3)
WST 4410 Third World Women Writers (3)

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 Science Advising Center, CHE 306.

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 contact Dr. Stanko, (813) 974-2674, CHE 306.

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 the Science Advising Center, CHE 306.

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 SOC 102 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 874-6957.

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

Blacks Organized for Social Science - This is a service club for students majoring or interested in the social science field who wish to enhance studies and broaden leadership skills. For further information please contact Project Thrust advisor in SOC 102.

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.

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; Undergraduate Advising Office, CHE 306; 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 which 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 Science Advising Center, CHE 306.

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 call the Health Professions Advising office, (813) 974-2674 or 974-3874.

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 Science Advising Center, CHE 306.

Preoptometry 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 Science Advising Center, CHE 306.

Preveterinary 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 which 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 Science Advising Center, CHE 306.

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

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

Anthropology

Chairperson: L. Whiteford; *Distinguished Service Professor:* A. Wolfe; *Professors:* M. Angrosino, R. Baer, E. Bird, K. Borman, J. Sokolovsky, L. Whiteford, C. Wienker; *Associate Professors:* S. Greenbaum, L. Madrigal, T. Purcell, J. Smith, B. Weisman, N. White, K. Yelvington; *Assistant Professors:* N. Romero-Daza, R. Tykot; *Visiting Assistant Professor:* D. Himmelgreen; *Courtesy Faculty:* C. Bryant, J. Coreil, M. Hernandez, N. Henderson.

Bachelor of Independent Studies

Director: B. Cochrane; *Associate Director:* K. Archer; *Area Coordinators:* W. Heim (BIS Humanities), R. Wheeler (BIS Social & Behavioral Sciences), TBA (BIS Natural Sciences).

Biology

Chairperson: S. K. Pierce, *Distinguished Research Professor:* C. J. Dawes; *Professors:* M. R. Alvarez, G. W. Arendash, S. S. Bell, B. J. Cochrane, B. C. Cowell, G. W. Hinsch, J. M. Lawrence, D. V. Lim, R. L. Mansell, E. D. McCoy, H. R. Mushinsky, J. T. Romeo, J. L. Simon, D. T. TeStrake, R. P. Wunderlin; *Associate Professors:* M. L. Dao, F. I. Eilers, F. B. Essig, P. J. Motta, M. J. Saunders, P. D. Stiling, M. B. Rogers; *Assistant Professors:* A. C. Cannons, G. A. Fox, J. R. Garey, K. M. Gray, V. Harwood, S. A. Karl, M. Kimble, J. M. Lindzey; *Visiting Instructor:* J. El-Rady.

Chemistry

Chairperson: M. Zaworotko; *Emeritus Professors:* J. E. Fernandez, T. C. Owen; *Distinguished Research Professors:* R. M. Castle, B. Stevens; *Distinguished Service Professor:* D. F. Martin; *Professors:* J. S. Binford, Jr., R. S. Braman, S. H. Grossman, M. D. Johnson, Jr., L. Mandell, G. Meisels, G. R. Newkome, R. M. O'Malley, J. H. Worrell; *Associate Professors:* J. Harmon, A. Malik, D. Merkle, L. J. Ming, R. L. Potter, J. A. Stanko, E. Turos, J. E. Weinzierl, G. R. Wenzinger; *Assistant Professors:* K. Bisht, L. Carlacci, K. W. Jung, J. Robert; *Research Assistant Professor:* G. Baker; *Academic Administrator:* A. S. Zektzer; *Adjunct Faculty:* J. A. Barltrop, R. Benson, J. W. Palmer; *Courtesy Faculty:* M. Ben, R. Conan, P. Dooris, B. B. Martin, L. H. Garcia-Rubio, W. E. Swartz, Jr.

Communication

Chairperson: E. Eisenberg; *Professors:* A. P. Bochner, K. N. Cissna, E. M. Eisenberg, C. S. Ellis, L. S. Pettegrew, M. L. Vanderford; *Associate Professors:* E. E. Bell, B. F. Downs, C. J. Jablonski, N. C. James, M. Neumann, A. D. Payne, F. Steier; *Assistant Professors:* J. Jorgenson, G. Rodman; *Courtesy Faculty:* M. Myerson.

Communication Sciences and Disorders

Chairperson: A. M. Guilford; *Professors:* A. M. Guilford, J. F. Scheuerle, E. R. Silliman; *Associate Professors:* J. B. Crittenden, T. Hnath-Chisolm, R. Hurley; *Assistant Professor:* T. Champion, J. Hinckly, R. Huntley Bahr, J. Lister, C. Rogers; *Instructors:* L. Bess, P. Blake-Rahter, P. Carr, W. Clements, S. Diehl, C. Fernandez, C. Ford, S. Graham, M. L. Humphrey,

E. Kaplon, N. Patterson, K. Smith, K. Richardson, K. Watts, M.J. Witkind, R. Zelski.

Community Experiential Learning

Coordinator: R.R. Jones.

Criminology

Chairperson: W. R. Blount; *Professors:* W. R. Blount, R. Dembo, J. B. Halsted, K. M. Heide, T. Mieczkowski, I. J. Silverman, M. Silverman, L. Territo; *Associate Professors:* M. Bromley, J. Cochran, M. Lynch, C. Sellers; *Assistant Professors:* M. Cuadrado, K. Lersch, W. Palacios; *Professor Emeritus:* J.T. Reilly, M. Vega; *Courtesy Appointments:* J. Feegal, H. Schwendinger, J. Schwendinger; *Academic Administrator:* M. Johnson.

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. S. Racine, J. G. Spence, C. R. Thomas, R. M. Wilson; *Assistant Professors:* L. A. Saavedra, J. R. Swinton; *Lecturers:* S. A. Bartlett.

English

Chairperson: S. J. Rubin; *Professors:* J. P. W. Rogers (DeBartolo Chair in the Liberal Arts), L. R. Broer, S. M. Deats, H. A. Deer (*Emeritus*), I. Deer (*Emeritus*), R. F. Dietrich, F. J. Fabry (*Emeritus*), S. R. Fiore, W. Garrett (*Emeritus*), J. S. Hatcher, E. F. Henley, R. L. Hewitt, E. W. Hirshberg (*Emeritus*), J. J. Iorio (*Emeritus*), D. L. Kaufmann, J. B. Moore, W. E. Morris, J. M. Moxley, G. A. Olson, W. D. Reader, W. T. Ross, S. J. Rubin, W. H. Scheuerle, E. E. Smith, D. A. Wells, L. Worsham; *Associate Professors:* R. M. Baum, A. G. Bryant, R. L. Ciresi, R. M. Figg III, R. E. Hall, M. C. Harmon, W. J. Heim, E. A. Hirsh, A. J. Kubiak, E. A. Metzger, L. L. Runge, P. J. Sipiora, N. J. Tyson; *Assistant Professors:* C. J. Heglar, D. L. Jacobs, F. T. Mason, L. Starks, F. J. Zbar; *Instructors:* K. White, I. F. Ceconi (*Emeritus*).

Environmental Science and Policy

Director: R. Khator; Assistant Director: I. Bartsch

Geography

Chairperson: G. Tobin; *Professors:* R. T. Aangeenbrug, G. Tobin; *Associate Professors:* K. Archer, R. Brinkmann; *Assistant Professors:* M. Bosman, J. Chakraborty, T. Gillespie, R. Johns, A. Laing, S. Reader; *Visiting Instructor:* H. Aruffo; *Adjuncts:* A. Carnow, N. Duncan-Tabb.

Geology

Chairperson: M. T. Stewart; *Professors:* R. A. Davis, Jr., M. J. Defant, M. T. Stewart, H. L. Vacher; *Associate Professors:* P. J. Harries, L. L. Robbins, J. G. Ryan; *Assistant Professors:* S. E. Kruse, E. A. Oches; *Instructors:* T. C. Juster, E. Snow; *Courtesy Faculty:* R. B. Halley, B. W. Leyden, M. Luo, A. Rosenzweig, A. H. Sallenger, T. M. Scott, R. Stewart, J. Tepper, S. Upchurch; *Assistant Curators:* R. Denicourt, B. R. Marcin, E. J. Marcin.

Gerontology

Chairperson: W. E. Haley; *Professors:* W. E. Haley, C. M. McEvoy, S. V. Saxon; *Associate Professors:* J. L. Garcia, J. A. Giordano, W. P. Mangum, L. J. Polivka, J. H. Skinner; *Assistant Professors:* S. L. Reynolds, B. J. Small; *Adjunct Professors:* M. J. Etten, D. Morgan, L. Mosby, M. Mushel, G. Paveza, P. Peletier-Sanders, L. Schonfeld, P. Stiles; *Instructor:* M. Kaplan; *Courtesy Professor:* J. Mortimer.

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Humanities and American Studies

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Mass Communications

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Mathematics

Chairperson: M. M. McWaters; *Distinguished Research Professor:* E. B. Saff; *Professors:* W. E. Clark, M. Ismail, A. G. Kartsatos, J. J. Liang, M. N. Manougian, A. Mukherjee, 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:* S. Isaak, N. Jonoska, G. L. McColm, M. M. McWaters, R. W. Oberste-Vorth, K. L. Pothoven, S. Suen, F. J. Zerla; *Assistant Professors:* S. V. Gomatam, M. Saito; *Instructor:* M. Krajcevski; *Professors Emeriti:* J. R. Britton, A. W. Goodman.

Medical Technology

Director: S. H. Grossman; *Courtesy Professors:* I. L. Browarsky (Tampa General Hospital), L. Davis (Bayfront Medical Center), N. M. Hardy (University Medical Center/Jacksonville), R. F. Holcomb (Florida Hospital), M. Patterson (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 (University Medical Center).

Philosophy

Chairperson: P. A. French; *Associate Chair:* J. B. Waugh; *Professors:* J. P. Anton (Distinguished Professor of Greek Philosophy & Culture), J. A. Bell, P. A. French (Cole Chair in Ethics), L. L. McAlister, O. Schutte, B. Silver, W. H. Truitt, R. C. Weatherford, K. Wiredu; *Distinguished Research Professors:* S. P. Turner; *Associate Professors:* R. N. Taylor, J. B. Waugh; *Assistant Professors:* Peggy J. DesAutels, M. R. Schonfeld, B. Williston; *Courtesy Associate Professors:* Michael Gibbons, M. Myerson; *Courtesy Professor:* John Morreall.

Physics

Chairperson: R. S. F. Chang; *Professors:* R. S. F. Chang, S. R. Deans, N. Djieu, R. W. Flynn, N. C. Halder, D. Johnson, W. D. Jones, D. K. Killinger; *Associate Professors:* M. K. Kim, P. Mukherjee, S. Witanachchi; *Assistant Professor:* D. Rabson; *Instructor:* A. Buonagusti; *Lecturer:* D. D. Spurgin; *Courtesy Professors:* M. Anthony, K. Larsen, D. Morel; *Visiting Professor:* S. Sakmar; *Adjunct Professors:* R. Oman.

Political Science

Professors: W. E. Hulbary, R. M. Khator, S. MacManus, M. M. Milani, F. U. Ohaegbulam, H. E. Vanden; *Associate Professors:* J. E. Benton, M. T. Gibbons, L. W. Morehouse, D. G. Paulson, P. N. Rigos; *Assistant Professors:* A. Dodson, C. Hall, S. Johnson, S. Tauber; *Joint Appointments: Professors:* C. W. Arnade, E. Conteh-Morgan, J. E. Jreisat, H. W. Nelsen, D. Slider; *Associate Professors:* R. Barylski, K. R. Glover, J. B. Snook.

Public Administration

Director: J. E. Pynes; *Professors:* J. E. Jreisat, S. A. MacManus; *Associate Professors:* J. L. Daly, A. Njoh, J. E. Pynes; *Assistant Professors:* S. Calabrese, C. D. Pettijohn; *Joint Appointments: Professors:* J. C. Merrick; *Associate Professors:* J. E. Benton, P. N. Rigos.

Psychology

Chairperson: E. L. Levine; *Distinguished Research Professors:* M. S. Goldman, J. J. Jenkins, D. L. Nelson, C. D. Spielberger; *Professors:* W. C. Borman, M. D. Coovert, M. A. Finkelstein, R. Fowler, E. L. Gesten, B. N. Kinder, E. L. Levine, C. E. Nelson, L. A. Penner, W. P. Sacco, T. Sanocki, P. E. Spector, D. E. Stenmark, J. K. Thompson, T. Tighe; *Professor Emeritus:* H. H. Meyer; *Associate Professors:* T. Brandon, M. T. Brannick, J. A. Bryant, C. R. Cimino, J. M. Clingman, D. Diamond, P. Jacobsen, V. Phares, S. Schneider, T. Shimizu; *Assistant Professors:* T. Allen, K. Brandon, J. B. Epps, C. L. Kirstein, D. Rohrer; *Assistant Research Professor:* M. de Perczel; *Courtesy, Adjunct, & Joint Appointments:* M. Altabe, G. Arendash, R. Bahr, H. P. Bahrack, J. Beckstead, D. Bernstein, J. Brannick, T. Chisolm, H. B. Clark, M. E. Clark, D. Cohen, J. Darks, F. Del Boca, D. Dreblow, J. A. Eison, C. Furman, D. Goldsmith, W. Haley, K. Jenkins-Hall, W. L. Hartman, T. Herzog, P. Hill Epps, E. B. Kimmel, M. D. Knox, C. L. McEvoy, K. McNelis, R. Otto, C. R. Park, K. Pearlman, R. Plutchik, N. Poythress, J. Robyak, A. I. Rosenblatt, J. C. Ruckdeschel, D. J. Rundus, E. Salas, P. Sanberg, J. Sandler, L. Schonfeld, D. P. Schultz, D. V. Sheehan, R. Shytle, E. Silliman, B. Small, M. L. Stedman, T. F. Stokes, G. Teague, R. Vanderploeg, I. B. Weiner, S. Weinstein, S. Zheutlin.

Rehabilitation and Mental Health Counseling

Chairperson: W. G. Emener; *Distinguished Research Professor:* W. G. Emener; *Professors:* J. D. Rasch; *Associate Professors:* S. Kelley, T. J. Wright; *Assistant Professors:* C. Dixon; *Clinical Instructor:* T. Evans, J. Ferrandino.

Religious Studies

Chairperson: D. Jorgensen; *Professors:* D. J. Fasching, D. Jorgensen, S. Mandell, M. G. Mitchell, J. F. Strange; *Instructor:* Dell deChant; *Other Faculty:* M. Angrossino, J. S. Hatcher.

Social Work

Director: J. Amuso; *Assistant Program Director:* C. K. Bennett; *Professors:* W. S. Hutchison, C. S. Roberts; *Associate Professors:* G. J. Paveza, A. A. Smith, P. L. Smith, A. L. Strozier; *Assistant Professors:* D. Bassett, P. Ouellette, M. Rank; *Instructors:* C. K. Bennett, A. Castro, D. Ducett, L. Jackson, S. Speer, C. Tate, R. Tilden; *Courtesy Faculty: Associate Professors:* M. L. Coulter; *Visiting Faculty:* J. Callan, J. Carpenter, M. Marley.

Sociology

Chairperson: D. Loseke; *Professors:* C. Ellis, D. Stamps; *Associate Professors:* S. Cahill, J. Friedman, L. Graham, R. Hansen, M. Kleiman, D. Loseke; *Assistant Professors:* J. Cavendish, S. Green, C. Ponticelli; *Instructor:* R. Buenteo; *Courtesy Faculty:* J. Cochran, R. Gagan, D. Jorgensen, W. Mangum, L. Mayfield-Brown, W. Palacios, C. Sellers, A. Smith, S. Turner; *Emeriti:* R. Francis, B. Gunter, L. Kutcher, E. Nesman, G. Brandmeyer.

Women's Studies

Chairperson: O. Schutte; *Professor:* L. L. McAlister; *Associate Professors:* G. Grewal, M. Myerson, J. B. Snook, K. Vaz; *Assistant Professors:* I. Bartsch, C. DiPalma, C. J. Eichner.

ARTS AND SCIENCES COURSES

Africana Studies

AFA 2000 Introduction to the Black Experience [In Africa and Its Diaspora] -6A AF (3)
AFA 4200 Slavery in the Americas and the Caribbean -MW (3)

AFA 4313 Black English - <i>MW</i>	(3)
AFA 4331 Social Institutions and the African-American Community	(3)
AFA 4335 Black Women in America -6A <i>MW</i>	(3)
AFA 4350 African American Community Research - <i>MW</i>	(3)
AFA 4900 Directed Readings	(1-3)
AFA 4931 Selected Topics in Africana Studies	(3)
AFA 5935 Issues in Africana Studies	(3)
AFS 2250 Culture and Society in Africa -6A <i>AF</i>	(3)
AFS 3153 African Literature Survey -6A <i>LW</i>	(3)
AFS 3251 Environmental Cultural Study in Africa - <i>SS FA AF</i>	(3)
AMH 3571 African American History to 1865 - <i>HP</i>	(3)
AMH 3572 African American History since 1865 - <i>HP</i>	(3)
CPO 4204 Government and Politics of Africa - <i>SS AF</i>	(3)
HUM 2420 Arts and Music of the African People	(3)
ISS 5934 Selected Topics	(1-3)
PHM 4120 Major Black Thinkers - <i>MW</i>	(3)
PUP 3313 Blacks in the American Political Process	(3)

American Studies

(see Humanities and American Studies)

Anthropology

ANG 5901 Directed Reading	(1-4)
ANT 1149 The Human Adventure	(3)
ANT 2000 Introduction to Anthropology - <i>SS AF</i>	(3)
ANT 2410 Cultural Anthropology - <i>SS AF</i>	(3)
ANT 2511 Biological Anthropology - <i>NS</i>	(3)
ANT 3005 The Anthropological Perspective - <i>AF</i>	(3)
ANT 3101 Archaeology - <i>SS</i>	(3)
ANT 3610 Anthropological Linguistics - <i>SS</i>	(3)
ANT 4034 Theories of Culture	(3)
ANT 4103C Archaeological Science	(4)
ANT 4146 European Archaeology	(4)
ANT 4149 Fantastic Archaeology: Mysteries of the Human Past - <i>MW</i>	(3)
ANT 4153 North American Archaeology	(3)
ANT 4158 Florida Archaeology	(4)
ANT 4162 South American Archaeology	(3)
ANT 4163 Mesoamerican Archaeology	(3)
ANT 4172 Historical Archaeology -6A	(3)
ANT 4180 Laboratory Methods in Archaeology	(2-4)
ANT 4181 Museum Methods	(4)
ANT 4199 Environmental Archaeology	(4)
ANT 4231 Folklore -6A	(3)
ANT 4241 Magic and Religion -6A <i>MW</i>	(3)
ANT 4285 Oral History	(4)
ANT 4302 Gender in Cross-Cultural Perspective - <i>MW</i>	(3)
ANT 4312 North American Indians	(3)
ANT 4316 Ethnic Diversity in the United States - <i>MW</i>	(3)
ANT 4324 Mexico and Central America	(3)
ANT 4340 The Caribbean -6A <i>MW</i>	(3)
ANT 4390 Visual Anthropology	(4)
ANT 4401 Exploring Cross-Cultural Diversity - <i>MW</i>	(3)
ANT 4432 The Individual and Culture -6A <i>MW</i>	(3)
ANT 4442 Urban Life and Culture	(3)
ANT 4462 Health, Illness, and Culture	(3)
ANT 4495 Methods in Cultural Research	(3)
ANT 4520 Forensic Anthropology	(3)
ANT 4586 Prehistoric Human Evolution - <i>NS</i>	(3)
ANT 4587 Human Variation	(3)
ANT 4620 Language and Culture -6A	(3)
ANT 4701 Applied Anthropology	(3)
ANT 4750 Language and Social Interaction -6A	(3)
ANT 4824 Archaeological Field Methods	(4-12)
ANT 4901 Directed Reading	(1-4)
ANT 4907 Individual Research	(2-4)
ANT 4930 Special Topics in Anthropology	(3)
ANT 4932 Honors Seminar	(4)
ANT 4935 Rethinking Anthropology	(3)
ANT 4970 Honors Thesis	(3)
ANT 5915 Individual Research	(2-4)
ANT 5937 Seminar In Anthropology	(2-4)

Astronomy

AST 2005 Astronomy of the Solar System - <i>NS</i>	(4)
AST 2006 Stellar Astronomy and Cosmology - <i>NS</i>	(4)
AST 2032C Illustrative Astronomy	(3)
AST 3033 Contemporary Thinking in Astronomy - <i>NS</i>	(3)
AST 3044 Archaeoastronomy	(3)

AST 3652 Navigation	(3)
AST 3930 Selected Topics in Astronomy	(1-4)
AST 5506 Introduction to Celestial Mechanics	(3)
AST 5932 Selected Topics in Astronomy	(1-5)

Bachelor of Independent Studies

HUM 4909 BIS Humanities, Independent Study	(15)
HUM 4939 BIS Humanities, Seminar	(15)
IDS 4990 BIS Inter-Area Studies	(30)
ISC 4909 BIS Natural Sciences, Independent Study	(15)
ISC 4939 BIS Natural Sciences, Seminar	(15)
ISS 4909 BIS Social Sciences, Independent Study	(15)
ISS 4939 BIS Social Sciences, Seminar	(15)

Biology

BOT 3373C Vascular Plants: Form and Function	(4)
BOT 3850C Medical Botany	(3)
BOT 4143C Field Botany	(3)
BOT 4223C Plant Anatomy	(3)
BOT 4434C Mycology	(3)
BOT 4503 Plant Physiology	(3)
BOT 4503L Plant Physiology Laboratory	(1)
BOT 4713C Plant Taxonomy	(4)
BOT 4810C Economic Botany	(3)
BOT 5185C Marine Botany	(4)
BSC 1005 Principles of Biology For Non-Majors - <i>NS</i>	(3)
BSC 2010 Biology I Cellular Processes - <i>NS</i>	(3)
BSC 2010L Biology I Cellular Processes Laboratory	(1)
BSC 2011 Biology II Diversity - <i>NS</i>	(3)
BSC 2011L Biology II Diversity Laboratory	(1)
BSC 2022 Biology of Aging - <i>NS</i>	(3)
BSC 2025 Food: Personal and Global Perspectives - <i>NS</i>	(3)
BSC 2030 Save The Planet: Environmental Sciences - <i>NS</i>	(3)
BSC 2035 Sex and Today's World - <i>NS</i>	(3)
BSC 2050 Environment - <i>NS</i>	(3)
BSC 2093 Human Anatomy and Physiology I	(3)
BSC 2094 Human Anatomy and Physiology II	(3)
BSC 2932 Selected Topics in Biology	(1-4)
BSC 3263C Marine Biology	(3)
BSC 4057 Environmental Issues - <i>MW</i>	(3)
BSC 4402L Biological Research Methods	(3)
BSC 4905 Independent Study	(1-3)
BSC 4910 Undergraduate Research	(1-4)
BSC 4931 Honors Seminar I	(2)
BSC 4932 Honors Seminar II	(3)
BSC 4933 Selected Topics In Biology	(1-3)
BSC 4970 Biology Honors Thesis	(1-3)
BSC 5931 Selected Topics in Biology	(1-3)
ENY 3004 Introduction to Entomology	(3)
ENY 5505 Aquatic Entomology	(3)
MCB 3030C General Microbiology	(4)
MCB 4115 Determinative Bacteriology	(5)
MCB 4404 Microbial Physiology and Genetics	(4)
MCB 4404L Microbial Physiology and Genetics Laboratory	(1)
MCB 4502C Virology	(3)
MCB 4910 Microbiology Undergraduate Research	(1-4)
MCB 4934 Seminar in Microbiology	(1)
MCB 5206 Public Health and Pathogenic Microbiology	(3)
MCB 5815 Medical Mycology	(3)
PCB 1511 Molecular and Human Genetics	(3)
PCB 1910 Topics in Biomedical Science	(3)
PCB 3023 Cell Biology	(3)
PCB 3023L Cell Biology Laboratory	(1)
PCB 3043 Principles of Ecology	(3)
PCB 3043L Principles of Ecology Laboratory	(1)
PCB 3063 General Genetics	(3)
PCB 3063L General Genetics Laboratory	(1)
PCB 4064C Experimental Genetics	(3)
PCB 4674 Organic Evolution	(3)
PCB 4723 Animal Physiology	(3)
PCB 4723L Animal Physiology Laboratory	(1)
PCB 5235 Principles of Immunology	(3)
PCB 5256 Developmental Biology	(5)
PCB 5306 Limnology	(3)
PCB 5306L Limnology Laboratory	(1)
PCB 5415 Behavioral Ecology	(3)
PCB 5525 Molecular Genetics	(3)
PCB 5615C Evolutionary Genetics	(3)
PCB 5845C Principles of Neuroscience	(4)
ZOO 2303 Vertebrate Zoology	(3)
ZOO 3205C Advanced Invertebrate Zoology	(4)

ZOO 3323C Anatomy of Chordates	(4)
ZOO 3713C Comparative Vertebrate Anatomy	(4)
ZOO 4512 Sociobiology - <i>MW</i>	(3)
ZOO 4513C Animal Behavior	(3)
ZOO 4603 Animal Embryology	(4)
ZOO 4753C Histology	(4)
ZOO 5235 Parasitology	(3)
ZOO 5425C Herpetology	(4)
ZOO 5456C Ichthyology	(4)
ZOO 5555C Marine Animal Ecology	(4)

Chemistry

BCH 3023 Introductory Biochemistry	(3)
BCH 3023L Basic Biochemistry Laboratory	(2)
BCH 4034 Advanced Biochemistry	(3)
BCH 5045 Biochemistry Core Course	(3)
CHM 2021 Chemistry For Today - <i>NS</i>	(4)
CHM 2030 Introduction to General, Organic and Biochemistry	(4)
CHM 2045 General Chemistry I - <i>NS</i>	(3)
CHM 2045L General Chemistry I Laboratory	(1)
CHM 2046 General Chemistry II - <i>NS</i>	(3)
CHM 2046L General Chemistry II Laboratory	(1)
CHM 2200 Organic Chemistry	(4)
CHM 2210 Organic Chemistry I	(3)
CHM 2210L Organic Chemistry Laboratory I	(2)
CHM 2211 Organic Chemistry II	(3)
CHM 2211L Organic Chemistry Laboratory II	(2)
CHM 2932 Selected Topics in Chemistry	(3)
CHM 3120C Elementary Analytical Chemistry	(4)
CHM 3400 Elementary Physical Chemistry I	(3)
CHM 3401 Elementary Physical Chemistry II	(3)
CHM 3402L Elementary Physical Chemistry Laboratory	(1)
CHM 3610 Intermediate Inorganic Chemistry	(3)
CHM 3610L Intermediate Inorganic Chemistry Laboratory	(1)
CHM 4060 Use of the Chemical Literature	(1)
CHM 4070 Historical Perspectives in Chemistry - <i>6A MW</i>	(3)
CHM 4130C Methods of Chemical Investigation I	(4)
CHM 4131C Methods of Chemical Investigation II	(4)
CHM 4300 Biomolecules I	(3)
CHM 4410 Physical Chemistry I	(3)
CHM 4411 Physical Chemistry II	(3)
CHM 4412 Physical Chemistry III	(3)
CHM 4611 Advanced Inorganic Chemistry	(3)
CHM 4905 Independent Study	(1-3)
CHM 4932 Selected Topics in Chemistry	(1-3)
CHM 4970 Undergraduate Research	(1-3)
CHM 5225 Intermediate Organic Chemistry	(3)
CHM 5226 Intermediate Organic Chemistry II	(3)
CHM 5425 Applications in Physical Chemistry	(3)
CHM 5452 Polymer Chemistry	(3)
CHM 5621 Principles of Inorganic Chemistry	(3)
CHM 5931 Selected Topics in Chemistry	(1-3)
CHS 4300 Fundamentals of Clinical Chemistry	(3)
CHS 4301L Clinical Laboratory	(2)
CHS 4302 Clinical Chemistry Practice	(2-12)
ISC 1004 Integrated Natural Sciences I: Science that Matters - <i>NS</i>	(3)
ISC 1005 Integrated Natural Sciences II: Science that Matters - <i>NS</i>	(3)

Communication

COM 2000 Introduction to Communication - <i>SS</i>	(3)
COM 3014 Communication, Gender and Identity	(3)
COM 3110 Communication For Business and the Professions	(3)
COM 3120 Introduction to Communication Theory in Organizations	(3)
COM 3122 Interview Communication	(3)
COM 3122L Interview Communication Lab	(0)
COM 4020 Communicating Illness, Grief, and Loss - <i>6A</i>	(3)
COM 4022 Health Communication	(3)
COM 4030 Women and Communication - <i>6A MW</i>	(3)
COM 4124 Communication and Organizational Change	(3)
COM 4710 Writing Lives - <i>6A</i>	(3)
COM 4942 Communication Intern Seminar	(3)
COM 5930 Topics in Communication Studies	(3)
ORI 2000 Introduction to Communication As Performance	(3)
ORI 3950 Communication As Performance Lab	(1-3)
ORI 4120 Performance of Poetry	(3)
ORI 4310 Group Performance of Literature	(3)
ORI 4931 Performance and Video	(3)

ORI 5930 Topics in Performance Genres	(3)
SPC 2541 Persuasion - <i>SS</i>	(3)
SPC 2600 Public Speaking - <i>SS</i>	(3)
SPC 3212 Communication Theory	(3)
SPC 3230 Rhetorical Theory - <i>HP</i>	(3)
SPC 3301 Interpersonal Communication - <i>SS</i>	(3)
SPC 3425 Group Communication	(3)
SPC 3513 Argumentation and Debate	(3)
SPC 3602 Advanced Public Speaking	(3)
SPC 3631 Rhetoric of the Sixties - <i>HP</i>	(3)
SPC 3653 Popular Forms of Public Communication	(3)
SPC 3680 Rhetorical Analysis	(3)
SPC 3710 Communication and Cultural Diversity - <i>SS</i>	(3)
SPC 4201 Oral Tradition - <i>MW</i>	(3)
SPC 4305 Communicating Emotions - <i>6A</i>	(3)
SPC 4310 Relationships on Film	(3)
SPC 4431 Family Communication	(3)
SPC 4632 Rhetoric and Social Change - <i>6A MW</i>	(3)
SPC 4683 Rhetorical Analysis of Mass Media	(3)
SPC 4714 Communication, Culture and Community - <i>MW</i>	(3)
SPC 4900 Directed Study	(1-3)
SPC 4903 Honors Readings	(3)
SPC 4905 Undergraduate Research	(1-3)
SPC 4930 Selected Topics	(1-3)
SPC 4932 Senior Seminar in Communication	(3)
SPC 4970 Honors Thesis	(3)
SPC 5930 Topics in Discourse	(3)

Communication Sciences and Disorders

SPA 3002 Introduction to Disorders of Speech and Language - <i>SS</i>	(3)
SPA 3004 Intro to Language Development and Disorders	(3)
SPA 3011 Introduction to Speech Science	(3)
SPA 3030 Introduction to Hearing Science	(3)
SPA 3101 Anatomy and Physiology of the Speech and Hearing Mechanism	(3)
SPA 3112 Applied Phonetics in Communication Disorders	(3)
SPA 3310 Introduction to Disorders of Hearing	(3)
SPA 3612C Basic American Sign Language	(4)
SPA 3653 Overview of Language Learning in Deaf Children	(3)
SPA 3653L Overview of Language Learning in Deaf Children Lab	(1)
SPA 3660 Introduction to Interpreting in Public Schools	(3)
SPA 3660L Introduction to Interpreting in Public Schools Lab	(1)
SPA 3673 Introduction to Auditory Functions	(3)
SPA 4000 Communication Disorders in the Public Schools	(3)
SPA 4050 Introduction to the Clinical Process - <i>MW</i>	(3)
SPA 4201 Phonological Development and Disorders	(3)
SPA 4210 Vocal Disorders	(3)
SPA 4222 Fluency Disorders	(3)
SPA 4331 Fundamentals of Fingerspelling	(2)
SPA 4335 Sign Language Codes	(3)
SPA 4555 Counseling of Communicatively Handicapped and Family	(3)
SPA 4613C Intermediate American Sign Language	(4)
SPA 4614C Advanced American Sign Language	(4)
SPA 4615L American Sign Language Laboratory	(1)
SPA 4617 Structure of Sign Language	(3)
SPA 4662 Interpreting in Public Schools I	(3)
SPA 4662L Interpreting in Public Schools I Lab	(1)
SPA 4663 Interpreting in Public Schools II	(3)
SPA 4663L Interpreting in Public Schools II Lab	(1)
SPA 4685 Practicum: Interpreting in Schools	(1-8)
SPA 4930 Selected Topics	(1-6)
SPA 5132 Audiology Instrumentation	(2)
SPA 5150 Advanced Speech Science	(3)
SPA 5150L Speech Science Instrumentation	(2)
SPA 5303 Advanced Hearing Science	(3)
SPA 5312 Peripheral and Central Auditory Tests	(4)
SPA 5328 Aural Rehabilitation: Adults	(3)
SPA 5403 Communication Disorders: Language	(3)
SPA 5408 Language-Learning in the School-Age Years	(3)
SPA 5506 Speech-Language Pathology and Audiology Practicum	(1-8)
SPA 5552 Diagnostic Principles and Practices	(2)

Community Experiential Learning

IDS 4910 Community Research	(1-4)
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IDS 4942 Community Internship	(1-4)
IDS 4955 Internat Community Research	(1-2)
IDS 4956 International Community Internship	(1-4)

Criminology

CCJ 3003 Crime and Justice in America -SS	(4)
CCJ 3024 Survey of the Criminal Justice System -SS	(3)
CCJ 3204 Substantive Criminal Law	(3)
CCJ 3610 Theories of Criminal Behavior	(3)
CCJ 3621 Patterns of Criminal Behavior	(3)
CCJ 3701 Research Methods in Criminal Justice I	(3)
CCJ 4109 Critical Issues in Policing	(3)
CCJ 4110 American Law Enforcement Systems	(3)
CCJ 4260 Environmental Law and Crime	(3)
CCJ 4273 Criminal Rights and Procedures	(3)
CCJ 4282 Correctional Law	(3)
CCJ 4306 American Correctional Systems	(3)
CCJ 4316 Correctional Administration	(3)
CCJ 4331 Alternatives to Incarceration	(3)
CCJ 4341 Intervention Techniques and Strategies	(3)
CCJ 4450 Criminal Justice Administration	(3)
CCJ 4501 Juvenile Justice System	(3)
CCJ 4511 Police and Juvenile Delinquency	(3)
CCJ 4513 Juveniles' Rights and Procedures	(3)
CCJ 4540 Juvenile Correctional Alternatives	(3)
CCJ 4550 Developmental Aspects of Juvenile Delinquency	(3)
CCJ 4604 Abnormal Behavior and Criminality	(3)
CCJ 4652 Juvenile Substance Abuse	(3)
CCJ 4700 Statistical Research Methods in Criminal Justice II	(3)
CCJ 4801 Private Security Systems	(3)
CCJ 4900 Directed Readings	(1-3)
CCJ 4910 Directed Research	(1-3)
CCJ 4933 Selected Topics in Criminology	(3)
CCJ 4934 Seminar in Criminology -6A MW	(3)
CCJ 4940 Internship For Criminal Justice Majors	(3)
CJT 4100 Criminal Investigation	(3)

Economics

ECO 1000 Basic Economics -SS	(3)
ECO 2013 Economic Principles (Macroeconomics) -SS	(3)
ECO 2023 Economic Principles (Microeconomics) -SS	(3)
ECO 2935 Selected Topics In Economics	(1-3)
ECO 3100 Managerial Economics	(3)
ECO 3101 Intermediate Price Theory	(3)
ECO 3203 Intermediate Income & Monetary Analysis	(3)
ECO 3622 American Economic History	(3)
ECO 3703 International Economics -MW	(3)
ECO 4105 Advanced Price Theory	(3)
ECO 4201 Advanced Macroeconomic Theory	(3)
ECO 4303 History Of Economic Thought	(3)
ECO 4323 Radical Political Economy -MW	(3)
ECO 4401 Introduction to Mathematical Economics	(3)
ECO 4421 Introduction to Econometrics	(3)
ECO 4504 Public Finance	(3)
ECO 4713 International Monetary Relations	(3)
ECO 4723 International Commercial Policies	(3)
ECO 4905 Independent Study	(1-3)
ECO 4914 Independent Research	(1-3)
ECO 4935 Selected Topics in Economics	(1-3)
ECP 2001 Survey of Micro and Macroeconomics	(3)
ECP 3201 The Economics of Women and Work -MW	(3)
ECP 3203 Labor Economics	(3)
ECP 3302 Environmental Economics -MW	(3)
ECP 3413 Economics of Regulation and Antitrust	(3)
ECP 3530 Economics of Health	(3)
ECP 3613 Economics of the Urban Environment	(3)
ECP 4232 Collective Bargaining and Public Policy	(3)
ECP 4451 Law and Economics	(3)
ECP 4505 Economics of Crime	(3)
ECS 3013 Economic Development	(3)
ECS 4003 Comparative Economic Systems -MW	(3)

English

AML 3031 American Literature From the Beginnings to 1860	(3)
AML 3032 American Literature From 1860 to 1912	(3)
AML 3051 American Literature From 1912-1945	(3)
AML 3453 Historical Perspectives in Early American Literature -HP	(3)
AML 3604 African American Literature -6A LW	(3)
AML 4111 Nineteenth-Century American Novel	(3)

AML 4121 Twentieth-Century American Novel	(3)
AML 4261 Literature of the South	(3)
AML 4303 Zora Neale Hurston: Major Works -6A MW LW	(3)
AML 4330 Selected American Authors	(3)
AML 4624 Black Women Writers -6A LW	(3)
CRW 2100 Narration and Description -6A	(3)
CRW 3111 Form and Technique of Fiction -6A	(3)
CRW 3112 Fiction I -6A	(3)
CRW 3121 Fiction II -6A	(3)
CRW 3311 Form and Technique of Poetry	(3)
CRW 3312 Poetry I	(3)
CRW 3321 Poetry II	(3)
CRW 4120 Fiction III	(3)
CRW 4320 Poetry III	(3)
CRW 4930 Selected Topics in Creative Writing	(3)
ENC 1101 Freshman English I -6A EC	(3)
ENC 1102 Freshman English II -6A EC	(3)
ENC 1121 Freshman English: Honors -6A EC	(3)
ENC 1122 Freshman English II: Honors -6A EC	(3)
ENC 2210 Technical Writing -6A	(3)
ENC 3211 Communication for Engineers	(3)
ENC 3213 Professional Writing -6A	(3)
ENC 3310 Expository Writing -6A	(3)
ENC 4260 Advanced Technical Writing	(3)
ENC 4311 Advanced Composition	(3)
ENC 4931 Selected Topics in Professional and Technical Writing	(3)
ENG 4013 Literary Criticism	(3)
ENG 4060 History of the English Language	(3)
ENG 4906 Individual Research	(1-4)
ENG 4907 Directed Reading	(3)
ENL 3015 British Literature to 1616	(3)
ENL 3230 British Literature 1616-1780	(3)
ENL 3251 British Literature 1780-1900	(3)
ENL 3273 British Literature 1900-1945	(3)
ENL 3323 Shakespeare from an Historical Perspective -HP	(3)
ENL 3331 Early Shakespeare	(3)
ENL 3332 Late Shakespeare	(3)
ENL 4122 British Novel Through Hardy	(3)
ENL 4132 British Novel: Conrad to the Present	(3)
ENL 4171 History of British Drama to 1912	(3)
ENL 4303 Selected Authors	(3)
ENL 4311 Chaucer	(3)
ENL 4338 Advanced Studies in Shakespeare	(3)
ENL 4341 Milton	(3)
LIN 3670 English Grammar and Usage	(3)
LIN 4671 Traditional English Grammar	(3)
LIN 4680 Structure of American English	(3)
LIT 2000 Introduction to Literature -6A HP	(3)
LIT 2010 Introduction to Fiction -6A HP	(3)
LIT 2021 Current Short Fiction	(3)
LIT 2030 Introduction to Poetry -6A HP	(3)
LIT 2040 Introduction to Drama -6A HP	(3)
LIT 2931 Selected Topics in English Studies	(3)
LIT 3022 Modern Short Novel -HP	(3)
LIT 3043 Modern Drama	(3)
LIT 3073 Contemporary Literature -6A LW	(3)
LIT 3101 Literature of the Western World Through the Renaissance -6A	(3)
LIT 3102 Literature of the Western World Since the Renaissance -6A	(3)
LIT 3103 Great Literature of the World -6A MW LW	(3)
LIT 3144 Modern European Novel -6A HP	(3)
LIT 3155 Modern Literature -6A HP MW LW	(3)
LIT 3301 Cultural Studies and the Popular Arts -6A MW LW	(3)
LIT 3374 The Bible As Literature -MW	(3)
LIT 3383 The Image of Women in Literature -6A MW LW	(3)
LIT 3410 Religious and Existential Themes	(3)
LIT 3451 Literature and the Occult -6A MW LW	(3)
LIT 3700 Survey of Poetry	(3)
LIT 4386 British and American Literature by Women -6A MW LW	(3)
LIT 4804 Literature as Cultural Study -MW	(3)
LIT 4930 Selected Topics in English Studies	(3)
REA 1105 Advanced Reading	(3)
REA 1605 Learning Strategies Within Academic Disciplines	(2)
REA 2505 Vocabulary	(3)

Environmental Science and Policy

EVR 2001 Introduction to Environmental Science	(3)
EVR 2001L Environmental Science Lab	(1)
EVR 2861 Introduction to Environmental Policy	(3)

EVR 4027 Wetland Environments - <i>MW</i>	(3)
EVR 4900 Directed Readings	(1-6)
EVR 4905 Independent Study	(1-6)
EVR 4910 Environmental Science and Policy Project	(3)
EVR 4921 Environmental Science and Policy Seminar	(1)
EVR 4930 Selected Topics	(1-4)
EVR 4940 Environmental Science Internship	(3)

Geography

GEA 2000 Global Geography - <i>SS HP AF</i>	(4)
GEA 3194 Regional Geography	(4)
GEA 3300 Geography of Middle America	(4)
GEA 3405 Geography of Latin America - <i>6A</i>	(4)
GEA 3500 Geography of Europe - <i>6A</i>	(4)
GEA 3554 Geography of the USSR	(4)
GEA 3600 Geography of Africa	(4)
GEA 3703 Geography of Asia	(4)
GEO 1930 Geography of Current Events - <i>SS</i>	(4)
GEO 2041C Map Interpretation	(4)
GEO 2371 Introduction to Earth Systems Science - <i>NS</i>	(3)
GEO 3013 Introduction to Physical Geography - <i>NS</i>	(3)
GEO 3013L Introduction to Physical Geography Lab	(1)
GEO 3164C Quantitative Methods	(4)
GEO 3180 Digital Thematic Mapping	(4)
GEO 3402 Human Geography	(4)
GEO 3602 Urban Geography	(4)
GEO 4114C Geographic Techniques and Methodology	(4)
GEO 4131C Remote Sensing of the Environment	(4)
GEO 4151C Geographic Information Systems	(4)
GEO 4201C Advanced Physical Geography	(4)
GEO 4210 Process Geomorphology	(4)
GEO 4280C Hydrology	(4)
GEO 4300 Biogeography	(4)
GEO 4340 Natural Hazards	(4)
GEO 4372 Global Conservation - <i>6A MW</i>	(4)
GEO 4421 Cultural Geography	(4)
GEO 4470 Political Geography - <i>MW</i>	(4)
GEO 4502 Economic Geography	(4)
GEO 4604 Advanced Urban Geography - <i>MW</i>	(4)
GEO 4700 Transportation Geography	(4)
GEO 4900 Directed Reading	(1-4)
GEO 4910 Individual Research	(1-4)
GEO 5134C Advanced Remote Sensing	(3)
GEO 5157 Advanced Geographic Information Systems	(3)
GEO 5177 GIS for Non-Majors	(3)
GEO 5215 Advances in Geomorphology	(3)
GEO 5263 Advances in Soils	(3)
GEO 5288 Hydrological Systems	(3)
GEO 5347 Advances in Natural Hazards	(3)
GEO 5475 Advanced Political Geography	(3)
GEO 5545 Advanced Economic Geography	(3)
GEO 5605 Contemporary Urban Issues	(3)
GEO 5704 Advanced Transportation Geography	(3)
MET 4002 Climatology	(4)
MET 4010C Meteorology	(4)
URP 4052 Urban and Regional Planning	(4)

Geology

GLY 2010 Dynamic Earth: Introduction to Physical Geology - <i>NS</i>	(3)
GLY 2010L Dynamic Earth Laboratory	(1)
GLY 2030 Environmental Geology - <i>NS</i>	(3)
GLY 2038 Earth and Environmental Systems - <i>NS</i>	(3)
GLY 2040 Origins: From the Big Bang to the Ice Age - <i>NS</i>	(3)
GLY 2050 Science, Earth and Life - <i>NS</i>	(3)
GLY 2100 History of the Earth and Life - <i>NS</i>	(3)
GLY 2100L Earth History Laboratory	(1)
GLY 2930 Selected Topics in Geology	(1-3)
GLY 3200 Mineralogy	(4)
GLY 3400C Structural Geology	(4)
GLY 3554C The Earth's Surface	(4)
GLY 3610C Introduction to Invertebrate Paleontology	(4)
GLY 3800 The Fluid Earth	(4)
GLY 3850 Geology For Engineers	(3)
GLY 4045 Moons, Planets, and Meteors: An Introduction to Planetary Science - <i>XMW</i>	(3)
GLY 4053 Theories and Arguments about the Earth - <i>MW</i>	(3)
GLY 4310 Petrology	(4)
GLY 4550 Depositional Systems	(4)
GLY 4552C Sedimentary Geology and Geochemistry	(4)
GLY 4700 Geomorphology	(4)
GLY 4730 Marine Geology	(3)

GLY 4734 Beaches and Coastal Environments - <i>MW</i>	(3)
GLY 4780 Geological Field Studies	(1-3)
GLY 4805 Geology and Development of Modern Africa - <i>MW</i>	(3)
GLY 4822 Introduction to Hydrogeology	(4)
GLY 4905 Independent Study	(1-3)
GLY 4915 Undergraduate Research	(1-3)
GLY 4920 Geology Colloquium	(1)
GLY 4930 Selected Topics in Geology	(1-4)
GLY 4970 Undergraduate Honors Thesis	(3)
GLY 5752 Geological Field Excursion	(2)
GLY 5865 Statistical Models in Geology	(3)
GLY 5932 Selected Topics in Geology	(1-4)

Gerontology

DEP 2004 The Life Cycle	(3)
GEY 2000 Introduction to Gerontology - <i>SS</i>	(3)
GEY 3323 Community Services for Older Adults	(3)
GEY 3601 Physical Changes and Aging	(3)
GEY 3625 Sociocultural Aspects of Aging - <i>6A SS AF</i>	(3)
GEY 4322 Gerontological Case Management	(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 4340 Housing for the Elderly	(3)
GEY 4360 Gerontological Counseling	(3)
GEY 4401 Research Methods in Gerontology	(3)
GEY 4612 Psychology of Aging	(3)
GEY 4635 Business Management in an Aging Society	(3)
GEY 4641 Death and Dying	(3)
GEY 4647 Ethical and Legal Issues in Aging	(3)
GEY 4900 Directed Readings	(1-3)
GEY 4935 Special Topics in Gerontology	(3)
GEY 4945 Field Placement	(1-9)
GEY 5620 Sociological Aspects Of Aging	(3)
GEY 5630 Economics and Aging	(3)
GEY 5642 Perspectives on Death and Dying	(3)
HUS 3001 Introduction to Human Services	(3)
HUS 4020 The Life Cycle	(4)
HUS 4100 Interviewing	(3)

History

AFH 3100 African History to 1850 - <i>HP AF</i>	(3)
AFH 3200 African History since 1850 - <i>HP AF</i>	(3)
AMH 2010 American History I - <i>HP</i>	(3)
AMH 2020 American History II - <i>HP</i>	(3)
AMH 3110 American Colonial History to 1750	(4)
AMH 3130 The American Revolutionary Era	(4)
AMH 3140 The Age of Jefferson	(4)
AMH 3160 The Age of Jackson	(4)
AMH 3170 The Civil War and Reconstruction	(4)
AMH 3201 The United States, 1877-1914	(4)
AMH 3231 The United States, 1914-1945	(4)
AMH 3270 The United States Since 1945	(4)
AMH 3403 The South since 1865	(4)
AMH 3421 Early Florida	(4)
AMH 3423 Modern Florida	(4)
AMH 3500 American Labor History	(4)
AMH 3510 U.S. Diplomatic History to 1898 - <i>6A</i>	(4)
AMH 3511 U.S. Diplomatic History in the 20th Century	(4)
AMH 3530 Immigration History	(4)
AMH 3540 United States Military History	(4)
AMH 3545 War and American Empire	(4)
AMH 3561 American Women I	(4)
AMH 3562 American Women II	(4)
AMH 3800 History of Canada	(4)
ASH 3404 Modern China - <i>SS HP AF</i>	(4)
ASH 3501 History of India	(4)
EUH 2011 Ancient History I - <i>HP</i>	(3)
EUH 2012 Ancient History II - <i>HP</i>	(3)
EUH 2021 Medieval History I - <i>HP</i>	(3)
EUH 2022 Medieval History II - <i>HP</i>	(3)
EUH 2030 Modern European History I - <i>HP</i>	(3)
EUH 2031 Modern European History II - <i>HP</i>	(3)
EUH 3142 Renaissance and Reformation	(4)
EUH 3181 Medieval Culture	(4)
EUH 3185 Viking History	(4)
EUH 3188 Medieval Society	(4)
EUH 3189 Medieval Politics	(4)
EUH 3202 History of 17th and 18th Century Europe	(4)
EUH 3205 History of Nineteenth Century Europe	(4)
EUH 3206 History of Twentieth Century Europe	(4)

EUH 3401 Classical Greece	(4)
EUH 3402 Age of Alexander	(4)
EUH 3412 Roman Republic	(4)
EUH 3413 Roman Empire	(4)
EUH 3461 German History to 1870	(4)
EUH 3462 German History 1870 to the Present	(4)
EUH 3501 British History to 1688	(4)
EUH 3502 British History 1688 to Present	(4)
EUH 3574 History of Imperial Russia, 1689-1917	(4)
EUH 3576 History of the Soviet Union, 1917-1991	(4)
HIS 2931 Special Topics	(2-4)
HIS 3308 War and Society - <i>MW</i>	(3)
HIS 3474 Science and Civilization	(4)
HIS 3930 Special Topics	(2-4)
HIS 3938 Issues in History - <i>MW</i>	(3)
HIS 4104 Theory of History	(4)
HIS 4900 Directed Reading	(1-4)
HIS 4920 Colloquium in History	(2-4)
HIS 4936 Pro-Seminar in History - <i>MW</i>	(4)
LAH 2020 Latin American Civilization - <i>HP AF</i>	(3)
LAH 2734 Latin American History in Film - <i>HP AF</i>	(3)
LAH 3130 Colonial Latin America	(4)
LAH 3200 Modern Latin America	(4)
LAH 3430 History of Mexico	(4)
LAH 3470 History of the Caribbean	(4)
LAH 3480 History of Cuba	(4)

Humanities and American Studies

AMS 2030 Introduction to American Studies - <i>SS HP</i>	(3)
AMS 2201 Colonial American Culture - <i>HP</i>	(3)
AMS 2212 Nineteenth-century American Culture - <i>HP</i>	(3)
AMS 2270 Twentieth-century American Culture - <i>HP</i>	(3)
AMS 2363 Issues in American Civilization	(1-4)
AMS 3001 American Culture 1880-1915 - <i>6A HP</i>	(4)
AMS 3210 Regions of America - <i>HP</i>	(4)
AMS 3230 America During the Twenties and Thirties	(4)
AMS 3260 American Culture, 1830-1860 - <i>6A HP</i>	(4)
AMS 3302 Architecture and the American Environment	(3)
AMS 3370 Southern Women: Myth and Reality - <i>6A HP</i>	(3)
AMS 3601 Material Culture and American Society - <i>SS HP</i>	(3)
AMS 3700 Racism in American Society - <i>SS HP</i>	(3)
AMS 3930 Selected Topics in American Studies	(1-4)
AMS 4152 Film in American Culture	(3)
AMS 4804 Major Ideas in America - <i>MW</i>	(3)
AMS 4910 Individual Research	(1-4)
AMS 4930 Selected Topics in American Studies	(1-4)
AMS 4935 Senior Seminar in American Studies	(4)
AMS 4936 Senior Seminar in American Studies	(4)
AMS 4940 Internship in American Studies	(1-4)
HUM 2024 The Arts - <i>FA</i>	(3)
HUM 2211 Studies in Culture: The Classical Through Medieval Periods - <i>HP</i>	(3)
HUM 2243 Studies in Culture: The Renaissance Through the Twentieth Century - <i>HP</i>	(3)
HUM 2930 Selected Topics	(1-4)
HUM 3251 Studies in Culture: The Twentieth Century - <i>HP</i>	(3)
HUM 3271 Eastern and Western Culture from Antiquity to 1400 -	AF (3)
HUM 3273 Eastern and Western Culture Since 1400 - <i>AF</i>	(3)
HUM 3930 Selected Topics in Humanities	(1-4)
HUM 4402 Humanities in India	(4)
HUM 4404 Humanities in China	(4)
HUM 4405 Humanities in Japan	(4)
HUM 4432 The Culture of Ancient Rome	(4)
HUM 4433 Ancient Greek Culture	(4)
HUM 4435 Early Medieval Culture	(4)
HUM 4436 High Medieval Culture	(4)
HUM 4437 Italian Renaissance Culture	(4)
HUM 4438 Northern Renaissance Culture	(4)
HUM 4440 Arts and Letters in the 17th and 18th Centuries	(4)
HUM 4442 Arts and Letters of the Romantic Period	(4)
HUM 4444 Nineteenth Century European Arts and Letters	(4)
HUM 4445 Twentieth Century Arts and Letters I	(4)
HUM 4446 Twentieth Century Arts and Letters II	(4)
HUM 4452 Nineteenth Century American Culture	(4)
HUM 4455 Twentieth Century American Culture	(4)
HUM 4462 Ancient Latin American Culture	(4)
HUM 4464 Latin American Culture Since 1492	(4)
HUM 4905 Directed Study	(1-4)
HUM 4930 Selected Topics in Humanities	(1-4)
HUM 4931 Seminar in Humanities - <i>6A</i>	(4)

HUM 4938 Major Issues in the Humanities - <i>MW</i>	(3)
HUM 4940 Internship in Humanities	(1-4)
HUM 4941 Study on Location	(1-4)
PGY 3000 Photography in American Culture	(3)

Interdisciplinary Social Sciences

ISS 1101 Knowledge and Society - <i>SS</i>	(3)
ISS 1102 Self and Society - <i>SS</i>	(3)
ISS 1103 Nature and Culture - <i>SS</i>	(3)
ISS 3010 Introduction to the Social Sciences	(3)
ISS 3930 Selected Topics in the Social Sciences	(1-4)
ISS 4151 Native American Women	(3)
ISS 4162 The City and Urbanization	(3)
ISS 4164 Urban Social Issues: An Interdisciplinary Approach	(3)
ISS 4900 Directed Readings	(1-3)
ISS 4910 Directed Research	(1-3)
ISS 4935 Seminar in the Social Sciences - <i>MW</i>	(3)
STA 2122 Social Science Statistics - <i>6A QM</i>	(3)

International Studies

AFA 4150 Africa and the United States - <i>6A SS HP AF</i>	(3)
ASN 3012 Japan Today - <i>SS</i>	(3)
ASN 3014 China Today - <i>AF</i>	(3)
ASN 3030 The Middle East - <i>AF</i>	(3)
ASN 3105 The Pacific Century - <i>SS HP AF</i>	(3)
EUS 3000 Europe - <i>SS</i>	(3)
EUS 3022 Russia - <i>SS HP AF</i>	(3)
INR 1015 World Perspective - <i>SS AF</i>	(3)
INR 3003 Introduction to International Studies	(3)
INR 3018 World Ideologies - <i>MW</i>	(3)
INR 3033 International Political Cultures - <i>MW</i>	(3)
INR 3038 International Wealth and Power - <i>SS</i>	(3)
INR 3054 International Human Rights - <i>MW</i>	(3)
INR 3081 International Issues and Actors	(3)
INR 3084 International Terrorism - <i>SS AF</i>	(3)
INR 3141 Global Security Policy	(3)
INR 3336 Intelligence and U.S. Foreign Policy	(3)
INR 3955 Overseas Study	(1-6)
INR 4089 Conflict In The World - <i>MW</i>	(3)
INR 4250 The Political Economy of the Southern Nations - <i>SS AF</i>	(3)
INR 4900 Directed Readings	(1-3)
INR 4910 Directed Research	(1-3)
INR 4931 Selected Topics	(1-4)
INR 4936 Senior Seminar - <i>MW</i>	(3)
INR 4943 Internship in International Studies	(3-6)
LAS 3002 Latin America	(3)
LAS 3004 The Americas Latin and Caribbean	(3)
LAS 3116 Latin America Through Film - <i>AF</i>	(3)

Languages and Linguistics

ARA 1120 Modern Arabic I	(4)
ARA 1120L Modern Arabic I Laboratory	(1)
ARA 1121 Modern Arabic II	(4)
ARA 1121L Modern Arabic II Laboratory	(1)
ARA 2200 Modern Arabic III	(4)
ARA 2201 Modern Arabic IV	(4)
ARA 4905 Directed Study	(1-5)
ARA 4930 Selected Topics	(1-5)
CHI 1120 Modern Chinese I	(4)
CHI 1120L Modern Chinese I Laboratory	(1)
CHI 1121 Modern Chinese II	(4)
CHI 1121L Modern Chinese II Laboratory	(1)
CHI 2200 Modern Chinese III	(4)
CHI 2201 Modern Chinese IV	(4)
CHI 4905 Directed Study	(1-5)
CLA 3103 Greek Civilization - <i>HP</i>	(3)
CLA 3123 Roman Civilization - <i>HP</i>	(3)
CLT 3040 Scientific and Medical Terminology	(3)
CLT 3101 Greek Literature in Translation - <i>6A MW</i>	(3)
CLT 3102 Roman Literature in Translation - <i>6A MW</i>	(3)
CLT 3370 Classical Mythology - <i>HP</i>	(3)
ENS 1483 English for Foreign Students I	(3)
ENS 1484 English for Foreign Students II	(3)
FOL 3100 General Foreign Language I	(1-4)
FOL 4101 General Foreign Language II	(1-3)
FOL 4905 Directed Study	(1-3)
FOL 5906 Directed Study	(1-3)
FRE 1040 French For Reading	(3)
FRE 1120 Beginning French I	(4)

FRE 1120L Beginning French I Laboratory	(1)	ITA 1121 Beginning Italian II	(4)
FRE 1121 Beginning French II	(4)	ITA 1121L Beginning Italian II Laboratory	(1)
FRE 1121L Beginning French II Laboratory	(1)	ITA 2200 Intermediate Italian I	(3)
FRE 1170 Overseas Study-Elem. French	(4)	ITA 2240 Italian Conversation I	(4)
FRE 2200 French III	(3)	ITA 2241 Italian Conversation II	(4)
FRE 2201 French IV	(3)	ITA 3420 Composition	(3)
FRE 2240 Conversation II	(3)	ITA 3470 Overseas Study	(1-6)
FRE 2241 Conversation I	(3)	ITW 4100 Survey of Italian Literature I	(4)
FRE 2270 Overseas Study-Intro. French	(1-6)	ITW 4101 Survey of Italian Literature II	(4)
FRE 3230 Reading in French Literature and Culture	(3)	ITW 4905 Directed Study	(1-3)
FRE 3420 Composition I	(3)	JPN 1120 Modern Japanese I	(4)
FRE 3440 French For Business	(3)	JPN 1120L Modern Japanese I Laboratory	(1)
FRE 3470 Overseas Study	(1-6)	JPN 1121 Modern Japanese II	(4)
FRE 3500 French Civilization	(3)	JPN 1121L Modern Japanese II Laboratory	(1)
FRE 4421 Composition II	(3)	JPN 2200 Modern Japanese III	(3)
FRE 4471 Advanced Overseas Study	(1-6)	JPN 2201 Modern Japanese IV	(3)
FRE 4700 French Linguistics	(3)	JPN 4905 Directed Study	(1-5)
FRE 4905 Directed Study	(1-3)	JPN 4930 Selected Topics	(1-5)
FRE 4930 Selected Topics	(1-3)	LAT 1120 Beginning Latin I	(4)
FRE 5425 Advanced Written Expression	(3)	LAT 1121 Beginning Latin II	(4)
FRE 5566 Contemporary France	(3)	LAT 2200 Intermediate Latin	(4)
FRT 3001 Great French Love Stories in Translation - <i>MW</i>	(3)	LIN 3010 Introduction to Linguistics	(3)
FRT 3140 French Literary Masterpieces in English Translation - <i>6A LW</i>	(3)	LIN 3801 Language and Meaning - <i>6A</i>	(3)
FRW 4100 The French Novel - <i>6A MW LW</i>	(3)	LIN 4040 Descriptive Linguistics	(3)
FRW 4101 Introduction to French Drama and Poetry - <i>6A MW</i>	(3)	LIN 4600 Language and Society	(3)
FRW 5222 Classical Prose and Poetry	(3)	LIN 4710 Language and Communication: Acquisition and Development	(3)
FRW 5226 20th Century Poetry and Theatre	(3)	LIN 4903 Directed Reading	(1-3)
FRW 5286 The 20th Century Novel	(3)	LIN 4930 Selected Topics	(1-3)
FRW 5314 Classical Drama	(3)	LIN 5700 Applied Linguistics	(3)
FRW 5415 Literature of the Middle Ages	(3)	LNW 2660 Vergil	(4)
FRW 5425 Literature of the Renaissance	(3)	LNW 4381 Livy	(4)
FRW 5445 18th Century Literature	(3)	LNW 4500 Cicero and Roman Philosophy	(4)
FRW 5528 Pre-Romanticism	(3)	LNW 4501 Seneca and Roman Philosophy	(4)
FRW 5535 Romanticism and Early Realism	(3)	LNW 4634 Catullus	(4)
FRW 5556 Naturalism and Realism	(3)	LNW 4644 Cicero	(4)
FRW 5934 Selected Topics	(1-3)	LNW 4654 Horace	(4)
GER 1120 Beginning German I	(4)	LNW 4670 Ovid	(4)
GER 1120L Beginning German I Laboratory	(1)	LNW 4900 Directed Reading	(1-4)
GER 1121 Beginning German II	(4)	LNW 4930 Selected Topics	(4)
GER 1121L Beginning German II Laboratory	(1)	LNW 5900 Directed Reading	(1-4)
GER 2200 German III	(3)	LNW 5934 Selected Topics	(4)
GER 2201 German IV	(3)	POL 1120 Beginning Polish I	(4)
GER 2240 Conversation I	(3)	POL 1120L Beginning Polish I Laboratory	(1)
GER 3420 Composition I	(3)	POL 1121 Beginning Polish II	(4)
GER 3500 German Civilization	(3)	POL 1121L Beginning Polish II Laboratory	(1)
GER 4410 Conversation II	(3)	POR 1120 Beginning Portuguese I	(4)
GER 4421 Composition II	(3)	POR 1120L Beginning Portuguese I Laboratory	(1)
GET 3100 German Literature in English Translation - <i>MW</i>	(3)	POR 1121 Beginning Portuguese II	(4)
GEW 4100 Survey of German Literature I	(4)	POR 1121L Beginning Portuguese II Laboratory	(1)
GEW 4101 Survey of German Literature II	(4)	POR 2200 Intermediate Portuguese I	(3)
GEW 4900 Directed Study	(1-3)	POR 2201 Intermediate Portuguese II	(3)
GEW 4930 Selected Topics	(1-3)	POR 3440 Portuguese for Business and International Trade	(3)
GEW 5475 20th Century Literature to 1945	(3)	RUS 1120 Beginning Russian I	(4)
GEW 5489 20th Century Literature: 1945 to Present	(3)	RUS 1120L Beginning Russian I Laboratory	(1)
GEW 5515 The Enlightenment	(3)	RUS 1121 Beginning Russian II	(4)
GEW 5545 Romanticism	(3)	RUS 1121L Beginning Russian II Laboratory	(1)
GEW 5555 Realism	(3)	RUS 2200 Russian III	(4)
GEW 5934 Selected Topics	(1-3)	RUS 2201 Russian IV	(4)
GRE 1120 Beginning Classical Greek I	(4)	RUS 2270 Overseas Study	(1-6)
GRE 1121 Beginning Classical Greek II	(4)	RUS 3240 Conversation I	(4)
GRE 2200 Intermediate Classical Greek	(4)	RUS 3470 Overseas Study	(1-6)
GRK 1120 Beginning Modern Greek I	(4)	RUS 3500 Russian Civilization - <i>6A MW</i>	(3)
GRK 1120L Beginning Modern Greek I Laboratory	(1)	RUS 4241 Conversation II	(4)
GRK 1121 Modern Greek II	(4)	RUS 4402 Advanced Russian Conversation & Composition I	(4)
GRK 1121L Modern Greek II Laboratory	(1)	RUS 4403 Advanced Russian Conversation & Composition II	(4)
GRK 2200 Modern Greek III	(4)	RUS 4471 Advanced Overseas Study	(1-6)
GRK 2201 Modern Greek IV	(4)	RUS 4700 Russian Linguistics	(3)
GRK 4905 Directed Study	(1-5)	RUS 4900 Selected Topics	(1-3)
GRK 4930 Selected Topics	(1-5)	RUS 4905 Directed Study	(1-3)
GRW 4905 Directed Reading	(1-4)	RUT 3110 Russian Classics in English - <i>6A MW LW</i>	(3)
GRW 5905 Directed Reading	(1-4)	RUT 3111 Twentieth-Century Russian Literature in English - <i>6A MW LW</i>	(3)
GRW 5934 Selected Topics	(4)	SPN 1120 Beginning Spanish I	(4)
HBR 1120 Modern Hebrew I	(4)	SPN 1120L Beginning Spanish I Laboratory	(1)
HBR 1120L Modern Hebrew I Laboratory	(1)	SPN 1121 Beginning Spanish II	(4)
HBR 1121 Modern Hebrew II	(4)	SPN 1121L Beginning Spanish II Laboratory	(1)
HBR 1121L Modern Hebrew II Laboratory	(1)	SPN 1130 Accelerated Spanish For Near-Native Speakers and Others	(1-6)
HBR 2200 Modern Hebrew III	(4)	SPN 2200 Spanish III	(3)
HBR 2201 Modern Hebrew IV	(4)	SPN 2201 Spanish IV	(3)
HBR 4905 Directed Study	(1-5)	SPN 2240 Conversation I	(3)
HBR 4930 Selected Topics	(1-5)		
ITA 1120 Beginning Italian I	(4)		
ITA 1120L Beginning Italian Laboratory	(1)		

SPN 2241 Conversation II	(3)
SPN 2270 Overseas Study	(1-6)
SPN 3300 Composition	(3)
SPN 3340 Advanced Spanish for Native Speakers I	(3)
SPN 3341 Advanced Spanish for Native Speakers II	(3)
SPN 3440 Spanish For Business	(3)
SPN 3441 Advanced Spanish for Business Writing	(3)
SPN 3500 Spanish Civilization	(3)
SPN 3520 Spanish American Civilization	(3)
SPN 4301 Expository Writing	(3)
SPN 4410 Advanced Conversation	(3)
SPN 4470 Advanced Overseas Study	(1-6)
SPN 4700 Spanish Linguistics	(3)
SPN 5525 Modern Spanish American Civilization	(3)
SPN 5567 Modern Spanish Civilization	(3)
SPT 2524 Women Writers of Latin America -AF	(3)
SPW 3030 Introduction to Hispanic Literature	(3)
SPW 4100 Survey of Spanish Literature I	(3)
SPW 4101 Survey of Spanish Literature II	(3)
SPW 4131 Survey of Spanish-American Literature	(3)
SPW 4900 Directed Study	(1-3)
SPW 4930 Selected Topics	(1-3)
SPW 5135 Colonial Spanish American Literature	(3)
SPW 5355 Spanish American Drama and Poetry	(3)
SPW 5387 Spanish American Prose	(3)
SPW 5388 Golden Age Poetry and Drama	(3)
SPW 5405 Medieval Literature	(3)
SPW 5465 19th Century Literature	(3)
SPW 5605 Cervantes	(3)
SPW 5725 Generation of 1898	(3)
SPW 5726 Vanguard Literature 1918 and 1936	(3)
SPW 5934 Selected Topics	(3)
TSL 4374 Methodology of Teaching English Overseas	(3)
TSL 5321 ESOL Strategies for Content Area Teachers	(3)
TSL 5371 Methods of Teaching English As A Second Language	(3)
TSL 5372 ESOL Curriculum and Instruction	(3)
TSL 5471 Language Testing	(3)
TSL 5525 Cross-Cultural Issues in ESL	(3)
YOR 1120 Yoruba	(4)

Learning Communities

IDS 2130 Biology for Learning Communities	(3)
IDS 2664 Social Science Perspectives I	(3)
IDS 2665 Social Science Perspectives II	(3)
IDS 2666 Historical Perspectives I	(3)
IDS 2667 Historical Perspectives II	(3)
IDS 2931 Selected Topics -HP	(2-5)
IDS 2932 Selected Topics -HP	(3)
IDS 2933 Selected Topics III -SS	(3)
IDS 2934 Selected Topics IV -SS	(3)
IDS 2935 Selected Topics V -FA	(3)
IDS 2936 Selected Topics VI -AF	(3)
IDS 3668 Writing Culture: Images of Culture in the Modern World	(3)

Liberal Studies

IDS 4930 Selected Topics	(1-4)
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Library and Information Science

LIS 2001 Library and Information Skills	(3)
LIS 2002 Introduction to the Internet	(3)
LIS 2937 Selected Topics in Library/Information Science	(1-3)
LIS 3361 World Wide Web Page Design and Management	(3)
LIS 4930 Selected Topics in Information Studies	(3)
LIS 4930 Selected Topics in Information Studies	(3)
LIS 5268 Microcomputer Applications Library and Information Centers	(3)
LIS 5315 Instructional Graphics	(3)
LIS 5333 TV in Schools and Libraries	(3)
LIS 5404 Foundations of Library and Information Science	(3)
LIS 5937 Selected Topics in Library Studies	(1-4)

Marine Science

OCE 2001 Introduction to Oceanography -NS	(3)
OCE 4930 Selected Topics in Marine Science	(1-4)

Mass Communications

ADV 3000 Introduction to Advertising	(3)
ADV 3101 Advertising Copywriting	(3)
ADV 3103 Radio-Television Advertising	(3)
ADV 3200 Advertising Design	(3)
ADV 3300 Advertising Media Strategy	(3)
ADV 3700 Retail Advertising Planning and Execution	(3)
ADV 4800 Advertising Campaigns	(3)
ADV 4940 Advertising Practicum	(1)
FIL 3004 The Film as Mass Communication I: Syntax	(3)
FIL 3400 The Film as Mass Communication II: Rhetoric and Stylistics	(3)
FIL 4404 Social History of the Film, 1945 to the Present	(3)
JOU 2100 Beginning Reporting	(3)
JOU 2200 News Editing I	(3)
JOU 3101 Advanced Reporting	(3)
JOU 3300 Magazine Article and Feature Writing	(3)
JOU 3306 Critical Writing: Editorials, Reviews, Columns	(3)
JOU 3940 Reporting Practicum	(1)
JOU 4104 Public Affairs Reporting	(3)
JOU 4206 Newspaper Design and Typography	(3)
JOU 4941 Editing Practicum	(1)
JOU 4944 Magazine Practicum	(1)
JOU 5105 Newswriting and Editing	(3)
JOU 5305 Explorations in Newswriting	(3)
MMC 2100 Writing for the Mass Media	(3)
MMC 3602 Mass Communications and Society -SS HP	(3)
MMC 4123 Media Script Writing	(3)
MMC 4200 History and Principles of Communications Law	(3)
MMC 4203 Communication Ethics	(3)
MMC 4420 Research Methods in Mass Communications	(3)
MMC 4900 Directed Reading in Mass Communications	(1-3)
MMC 4910 Individual Research in Mass Communications	(1-3)
MMC 4936 Selected Topics in Mass Communications Studies	(1-3)
MMC 4945 Media Internship-Seminar	(3)
PGY 2110C Color Photography	(3)
PGY 3610 Photojournalism I	(3)
PGY 3620 Photojournalism II	(3)
PUR 3000 Principles of Public Relations	(3)
PUR 4100 Writing For Public Relations	(3)
PUR 4401 Public Relations: Issues, Practices and Problems	(3)
PUR 4700 Public Relations Practicum	(1)
PUR 4801 Advanced Public Relations	(3)
RTV 2100 Writing For Radio and TV	(3)
RTV 3001 Introduction to Telecommunications	(3)
RTV 3301 Broadcast News	(4)
RTV 3941 Radio Practicum	(1)
RTV 4220 TV Production and Direction	(3)
RTV 4304 TV News	(3)
RTV 4320 Electronic Field Production	(3)
RTV 4500 Telecommunications Programming	(3)
RTV 4700 Telecommunications Law and Policy	(3)
RTV 4942 TV Practicum	(1)
VIC 3001 Introduction to Visual Communications	(3)
VIC 3943 Visual Communication Practicum	(1)

Mathematics

CGS 3414 Problem Solving Using Pascal or C -6A	(3)
COP 4313 Symbolic Computations in Mathematics -6A	(3)
MAA 4211 Intermediate Analysis I -6A	(4)
MAA 4212 Intermediate Analysis II -6A	(3)
MAA 4402 Complex Variables -6A	(3)
MAA 5306 Real Analysis I	(3)
MAA 5307 Real Analysis II	(3)
MAA 5405 Applied Complex Analysis	(3)
MAC 1114 College Trigonometry -6A	(2)
MAC 2230 Business Calculus -6A QM	(4)
MAC 2233 Life Sciences Calculus I -6A QM	(4)
MAC 2234 Life Sciences Calculus II -6A QM	(4)
MAC 2281 Engineering Calculus I -6A QM	(3)
MAC 2282 Engineering Calculus II -6A QM	(3)
MAC 2283 Engineering Calculus III -6A	(3)
MAC 2311 Calculus I -6A QM	(4)
MAC 2312 Calculus II -6A QM	(4)
MAC 2313 Calculus III -6A	(4)
MAD 3100 Discrete Mathematics -6A	(3)
MAD 4401 Numerical Analysis -6A	(4)
MAD 4504 Theory of Computation	(3)
MAD 5101 LISP: Programming With Algebraic Applications	(3)
MAD 5305 Graph Theory	(3)

INR 4502 International Organizations -SS AF	(3)
INR 5086 Issues in International Relations	(3)
POS 2041 American National Government	(3)
POS 2080 The American Political Tradition -SS HP	(3)
POS 2112 State and Local Government and Politics	(3)
POS 3142 Introduction to Urban Politics and Government	(3)
POS 3145 Governing Metropolitan Areas	(3)
POS 3173 Southern Politics	(3)
POS 3182 Florida Politics and Government	(3)
POS 3273 Practical Politics	(3)
POS 3283 Judicial Process and Politics	(3)
POS 3453 Political Parties and Interest Groups	(3)
POS 3691 Introduction to Law and Politics	(3)
POS 3697 Environmental Law	(3)
POS 3713 Empirical Political Analysis	(3)
POS 3931 Selected Topics	(3)
POS 4204 Political Behavior, Public Opinion, and Elections	(3)
POS 4413 The American Presidency -6A	(3)
POS 4424 The American Congress	(3)
POS 4614 Constitutional Law I	(3)
POS 4624 Constitutional Law II	(3)
POS 4905 Independent Study	(1-3)
POS 4910 Individual Research	(1-3)
POS 4936 Senior Seminar	(3)
POS 4941 Field Work	(3-15)
POS 4970 Honor Thesis	(3)
POS 5094 Issues in American National and State Government	(3)
POS 5155 Issues in Urban Government and Politics	(3)
POT 3003 Introduction to Political Theory	(3)
POT 3013 Classical Political Theory	(3)
POT 4054 Modern Political Theory	(3)
POT 4064 Contemporary Political Thought	(3)
POT 4109 Politics and Literature -6A LW	(3)
POT 4204 American Political Thought	(3)
POT 4661 The Politics of Identity, Difference and Inequality -MW	(3)
POT 4936 Selected Topics in Political Theory	(3)
POT 5626 Issues in Political Philosophy and Law	(3)
PUP 4002 Public Policy	(3)
PUP 4203 Environmental Politics and Policy	(3)
PUP 5607 Public Policy and Health Care	(3)
URP 4050 City Planning and Community Development	(3)

Psychology

CBH 4004 Comparative Psychology	(3)
CLP 3003 Psychology of Adjustment -SS	(3)
CLP 4143 Abnormal Psychology	(3)
CLP 4414 Behavior Modification	(3)
CLP 4433 Psychological Tests and Measurement	(3)
DEP 3103 Child Psychology -SS	(3)
DEP 4005 Developmental Psychology	(3)
DEP 4135 Psychology of Language Development	(3)
EXP 4104 Sensory Processes	(3)
EXP 4204C Perception	(3)
EXP 4304 Motivation	(3)
EXP 4404 Psychology of Learning	(3)
EXP 4523C Cognitive Psychology	(3)
EXP 4640 Psychology of Language	(3)
INP 2101 Applied Psychology -SS	(3)
INP 4004 Industrial Psychology	(3)
PPE 4004 Personality	(3)
PSB 4013C Physiological Psychology	(3)
PSY 2012 An Introduction to Contemporary Psychology -SS	(3)
PSY 3044 Experimental Psychology -SS	(3)
PSY 3213 Research Methods in Psychology	(4)
PSY 4205 Experimental Design and Analysis	(3)
PSY 4510 Supervised Practicum and Field Experience in Applied Behavior Analysis	(1-6)
PSY 4604 History and Systems of Psychology	(3)
PSY 4913 Directed Study	(1-3)
PSY 4931 Selected Topics: Seminar	(3)
PSY 4932 Honors Seminar	(3)
PSY 4970 Honors Thesis	(1-3)
SOP 4004 Social Psychology	(3)
SOP 4714C Environmental Psychology	(3)

Public Administration

PAD 3003 Introduction to Public Administration -SS	(3)
PAD 4204 Public Financial Administration	(3)
PAD 5035 Issues in Public Administration and Public Policy	(3)
PAD 5333 Concepts and Issues in Public Planning	(3)

PAD 5605 Administrative Law	(3)
PAD 5700 Research Methods in Public Administration	(3)
PAD 5807 Administration of Urban Affairs	(3)
PAD 5836 Comparative Public Administration	(3)

Rehabilitation and Mental Health Counseling

RCS 3030 Rehabilitation Counseling Issues in Alcoholism and Other Addictions	(3)
RCS 5035 Rehabilitation Counseling: Concepts and Applications	(3)
RCS 5080 Medical Aspects of Disability	(3)
RCS 5404 Foundations of Mental Health Counseling	(3)
RCS 5406 Human Growth and Development	(3)
RCS 5450 Substance Abuse I	(3)
RCS 5700 Legal, Ethical, Professional Standards and Issues in Counseling	(3)
RCS 5802 Practicum I	(1)
RCS 5905 Directed Studies	(1-4)

Religious Studies

GRE 2040 New Testament Greek I	(4)
GRE 2041 New Testament Greek II	(4)
HEB 1120 Basic Hebrew I	(4)
HEB 1121 Basic Hebrew II	(4)
REL 2210 Hebrew Bible/Old Testament	(4)
REL 2240 Introduction to the New Testament	(3)
REL 2300 Introduction to World Religions -6A HP	(4)
REL 2306 Contemporary World Religions -HP	(4)
REL 3000 Ancient Religions in Context	(4)
REL 3003 Introduction to Religion	(3)
REL 3111 The Religious Quest in Contemporary Films -6A SS HP	(4)
REL 3114 Comedy, Tragedy, and Religion -6A MW	(3)
REL 3120 Religion in America	(3)
REL 3131 New Religions in America	(3)
REL 3132 Witchcraft and Paganism in America	(3)
REL 3140 Religion, Culture, and Society	(3)
REL 3145 Women and Religion -6A	(3)
REL 3155 Life After Death -6A MW	(3)
REL 3170 Religion, Ethics and Society Through Film -6A SS HP	(4)
REL 3280 Biblical Archaeology -MW	(3)
REL 3303 Comparative Religion: Judaism and Islam -MW	(3)
REL 3310 World Religions	(3)
REL 3330 The Religions of India -AF	(3)
REL 3362 Introduction to Islam -6A HP AF	(3)
REL 3367 Islam in the Modern World -6A HP AF	(3)
REL 3375 Issues in Caribbean Religions -MW	(3)
REL 3380 Native American Religions	(3)
REL 3420 Contemporary Religious Thought	(3)
REL 3465 Religion and the Meaning of Life -6A MW	(3)
REL 3501 History of Christianity -6A HP	(4)
REL 3561 Roman Catholicism -6A MW	(3)
REL 3600 Introduction to Judaism -6A SS HP AF	(3)
REL 3602 Classics of Judaism -6A MW	(3)
REL 3611 History of Judaism	(3)
REL 3613 Modern Judaism -6A MW LW	(3)
REL 3801 History of Writing	(2)
REL 3900 Directed Readings	(1-4)
REL 3936 Selected Topics	(1-4)
REL 4113 The Hero and Religion -6A MW	(3)
REL 4133 Mormonism in America -MW	(3)
REL 4160 Egyptian Religions	(3)
REL 4161 Religion, Technology and Society	(3)
REL 4171 Contemporary Christian Ethics -6A MW	(4)
REL 4177 Comparative Religious Ethics -6A MW LW	(4)
REL 4193 Comparative Mysticism	(4)
REL 4221 Who Wrote the Bible (Genesis-Kings) -6A MW LW	(4)
REL 4250 Jesus' Life and Teachings	(4)
REL 4333 Hinduism	(4)
REL 4343 Buddhism in India, Sri Lanka, and South East Asia	(4)
REL 4344 Buddhism in China, Japan, and Tibet	(4)
REL 4626 Reason in Religion: Talmudic Logic -MW	(3)
REL 4670 Judaism and Christianity After the Holocaust -6A MW LW	(4)
REL 4910 Undergraduate Research	(1-4)
REL 4930 Selected Topics	(3)
REL 4931 Seminar in Religion	(3)
REL 4936 Selected Topics	(1-4)
REL 4939 The Development of Religious Studies	(3)

Social Work

SOW 3101 Human Behavior and the Social Environment I	(4)
SOW 3102 Human Behavior And The Social Environment II	(4)
SOW 3203 The American Social Welfare System -SS	(3)
SOW 3302 Introduction to Social Work	(3)
SOW 3401 Research and Statistics For Social Work	(4)
SOW 4233 Social Welfare: Policy & Program	(4)
SOW 4341 Multi-Methods of Social Work Practice I: Micro-System Intervention	(5)
SOW 4343 Multi-Methods of Social Work Practice II: Macro-System Intervention	(5)
SOW 4510 Integrative Seminar	(3)
SOW 4510L Field Placement	(6)
SOW 4522 Senior Seminar: Multicultural America	(3)
SOW 4900 Directed Readings	(1-9)
SOW 4910 Directed Research	(1-6)
SOW 4930 Variable Topics in Social Work	(1-3)
SOW 5930C Selected Topics in Social Work	(1-4)

Sociology

SYA 3010 Classical Theory	(3)
SYA 3015 Contemporary Theory	(3)
SYA 3300 Research Methods	(3)
SYA 3310 Qualitative Inquiry -6A LW	(3)
SYA 3700 Sociology of Sexualities	(3)
SYA 4910 Individual Research	(1-3)
SYA 4930 Topics in Sociology	(3)
SYA 4935 Senior Seminar -MW	(3)
SYA 4949 Sociological Internship	(1-6)
SYD 3441 Peasant Perspectives -AF	(3)
SYD 3700 Racial and Ethnic Relations -SS HP	(3)
SYD 4020 Global Population	(3)
SYD 4410 Urban Sociology	(3)
SYD 4800 Gender and Society	(3)
SYG 2000 Introduction to Sociology -SS	(3)
SYG 2010 Contemporary Social Problems -SS	(3)
SYG 2412 Marriage	(3)
SYG 3235 Latina Lives	(3)
SYO 3120 Sociology of Families	(3)

SYO 3200 Sociology of Religion	(3)
SYO 3500 Social Organization	(3)
SYO 3530 Social Stratification	(3)
SYO 4300 Political Sociology	(3)
SYO 4370 Occupations and Professions	(3)
SYO 4400 Medical Sociology	(3)
SYO 4430 Disability and Society -MW	(3)
SYP 3000 Social Psychology -SS	(3)
SYP 3562 Family Violence	(3)
SYP 4420 Consumer Culture -MW LW	(3)
SYP 4510 Sociological Aspects of Deviance	(3)
SYP 4530 Sociology of Juvenile Delinquency	(3)
SYP 4640 Leisure in Society	(3)
SYP 4650 Sport in Society	(3)

Women's Studies

POS 4693 Women and Law I	(3)
POS 4694 Women and Law II -6A MW	(3)
PUP 4323 Women and Politics -6A MW	(3)
SOP 3742 Psychology of Women -SS	(3)
WST 3010 Introduction to Women's Studies -SS AF	(3)
WST 3011 Issues in Feminism -SS	(3)
WST 3210 Women in Western Civilization I -6A HP	(3)
WST 3220 Women in Western Civilization II -HP	(3)
WST 3225 Women, Environment and Gender -MW	(3)
WST 3440 Women and Social Action -SS	(3)
WST 4260 Research Issues on Women of Color -6A MW	(3)
WST 4262 Literature by American Women of Color -6A LW	(3)
WST 4263 Third World Women Writers -6A LW	(3)
WST 4310 Feminism in America -6A MW	(3)
WST 4320 Woman's Body/Woman's Mind	(3)
WST 4335 Women and Film	(4)
WST 4342 Classics in Feminist Theory -MW	(3)
WST 4350 Women and Science -MW	(3)
WST 4900 Directed Readings	(1-3)
WST 4910 Directed Research	(1-3)
WST 4930 Selected Topics	(1-4)
WST 4935 Seminar in Women's Studies	(3)
WST 5308 Feminist Spirituality	(3)
WST 5934 Selected Topics	(1-4)