

SECTION 12

COLLEGE OF ARTS AND SCIENCES



Changes to Note

The follow curricular changes for the College of Arts and Sciences were approved by the USF-Tampa Graduate Council on the date noted.

Program changes

Sociology (M.A.)	change adm deadlines, GRE scores, curr,	5/16/11
Sociology (Ph.D.)	change adm deadlines, GRE scores, curr.	5/16/11
Liberal Arts (M.L.A.)	change admission requirements	11/15/10

Originally submitted as a change to concentration; revised to apply to program

Programs Placed Inactive

Interdisciplinary Social Natural Science (B.A.)/Science Education (M.A.T.)	10/18/10
Interdisciplinary Social Science (B.A.)/Social Science Education (M.A.T.)	10/18/10
Foreign Language –French (B.A.)/Foreign Language Education (M.A.T.)	10/18/10
Foreign Language-Spanish (B.A.)/Foreign Language Education (M.A.T.)	10/18/10
Foreign Language – Latin (B.A.)/Foreign Language Education (M.A.T.)	10/18/10
Liberal Arts (M.L.A.)-Close Liberal Studies Conc. (Eff. 201105)	7/19/11

New Certificate

Professional and Technical Communication	12/6/10
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Certificate changes

Comp Lit	change requirements	3/21/11
Creative Writing	change curriculum requirements	9/20/10

New Courses

LIS 6949 Practicum in Archives and Special Collections	4/18/11
ENC 6266 Professional and Tech. Communication	2/21/11

Course changes

SYA 7980 Doctoral Dissertation	descrp change	6/6/11
LIS 6946 Supervised Fieldwork	change to S/U grading	3/21/11
LIS 6906 Independent Study	change to regular grading	1/11/11
GLY 6492 Hydrogeology Internship	Discontinue Cont Enrollment option	11/15/10

Notes for the Record

Name change: School of Library and Information Sciences to School of Information	11/15/10
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University of South Florida
College of Arts and Sciences
4202 E. Fowler Ave SOC107
Tampa, FL 33620

Web address: <http://www.cas.usf.edu/>
Email: see individual department listings
Phone: 813-974-6957
Fax: 813-974-4075

College Dean: Eric Eisenberg
Associate Dean: Robert Potter
Graduate Coordinator: Robert Potter

Accreditation:

The Commission on Colleges of the Southern Association of College and Schools. Contact college for other accreditation information

College Structure:

The College of Arts and Sciences is USF's largest college with more than 2,100 graduate students. The college is comprised of three schools including the School of Social Sciences, the School of Natural Sciences & Mathematics, and the School of Humanities, all with strong interdisciplinary connections among them and throughout the university.

Mission Statement:

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 the 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 love of learning, and an understanding of the means that scholars have used in their search for beauty and order in the natural world. The education provided by the disciplines of the Arts and Sciences is the foundation upon which the lives and professions of our students are built, and the basis from which personal growth occurs.

The College of Arts and Sciences takes as its goal a melding of the natural, humanistic and social philosophies into a comprehensive whole that encourages the development of new ideas and new approaches to the understanding of our universe. It is the responsibility of scholars to share their discoveries for the betterment of society. Thus, the Arts and Sciences embrace the disciplines that strive to make immediate use of knowledge in the service of social goals as well as the disciplines whose discoveries contribute to the fund of basic information that is the stepping stone of applied knowledge.

Major Research Areas:

See individual departments.

Degrees, Programs, and Concentrations Offered:

Master of Arts (M.A.)*

- American Studies
- Applied Anthropology
 - Bio-cultural Medical Anthropology
 - Cultural Resource Management
- Heritage Studies
- Chemistry (non-thesis)

Communication
 Economics
 English
 Literature
 Rhetoric & Composition
 French
 Geography
 Economic, Social and Planning Issues in the Urban Environment
 Geographic Information Systems and Spatial Analysis
 Natural/Technological Hazards and Environmental Justice
 History
 American History
 Ancient History
 European History
 Latin American History
 Medieval History
 Latin American, Caribbean, and Latino Studies
 Library and Information Science
 Linguistics
 Linguistics: English as a Second Language
 Mass Communications
 Media Studies
 Multimedia Journalism
 Strategic Communication Management
 Mathematics
 Pure & Applied
 Philosophy
 Philosophy & Religion
 Political Science
 Psychology
 Clinical Psychology
 Cognition, Neuroscience & Social Psychology
 Industrial-Organizational Psychology
 Religious Studies
 Sociology
 Spanish
 Statistics
 Women's Studies
 *M.A. Programs are also available for Secondary School Teachers and Jr. College Teachers (offered with College of Education)

Master of Fine Arts (M.F.A.)

Creative Writing
 Fiction
 Poetry

Master of Liberal Arts (M.L.A.)

Liberal Arts
 Africana Studies
 Film Studies
 Florida Studies (USF-STPT)
 Humanities

Liberal Studies
Social & Political Thought

Master of Public Administration (M.P.A.)

Public Administration

Master of Science (M.S.)

Biology

Cell Biology & Molecular Biology
Ecology and Evolution
Environmental & Ecological Microbiology
Physiology and Morphology

Chemistry

Analytical Chemistry
Biochemistry
Computational Chemistry
Environmental Chemistry
Inorganic Chemistry
Organic Chemistry
Physical Chemistry
Polymer Chemistry

Environmental Science and Policy

Geology

Microbiology

Physics

Applied Physics
Atmospheric Physics
Atomic & Molecular Physics
Laser Physics
Materials Physics
Medical Physics
Optical Physics
Semiconductor Physics
Solid State Physics

Master of Science in Materials Science and Engineering (M.S.M.S.E.)

Materials Science and Engineering

Master of Urban and Regional Planning (M.U.R.P.)

Urban and Regional Planning

Doctor of Philosophy (Ph.D.)

Applied Anthropology

Bio-cultural Medical Anthropology
Cultural Resource Management
Heritage Studies

Biology

Cell Biology, Microbiology, & Molecular Biology
Ecology and Evolution
Environmental & Ecological Microbiology
Physiology and Morphology

Cancer Biology

Chemistry
Analytical Chemistry
Biochemistry
Computational Chemistry
Environmental Chemistry
Inorganic Chemistry
Organic Chemistry
Physical Chemistry
Polymer Chemistry

Communication

Economics

English
Literature
Rhetoric & Composition

Geography and Environmental Science and Policy

Geology

Government

History

Mathematics
Pure & Applied
Statistics

Philosophy
Philosophy and Religion

Physics (Applied)

Psychology
Clinical Psychology
Cognition, Neuroscience & Social Psychology
Industrial-Organizational Psychology

Second Language Acquisition & Instructional Technology (through the Dept. of Secondary Education)

Sociology

Graduate Certificates Offered:

See Graduate Certificates Section

COLLEGE REQUIREMENTS**Thesis Enrollment**

Upon successful completion of all M.A./M.S. degree requirements except for thesis, Arts and Sciences graduate students must enroll in a minimum of two (2) credit hours of Thesis each semester (except Summers) until the completion of the master's degree.

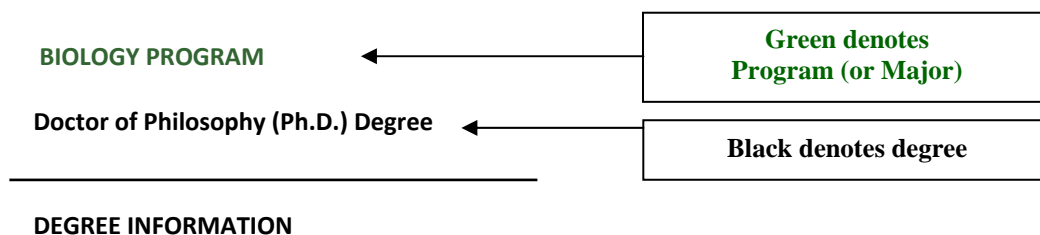
Dissertation Enrollment

Doctoral students who have been admitted to candidacy, are required to accumulate a minimum of six (6) credit hours of Dissertation during each previous 12-month period (previous three (3) terms, e.g., Fall, Spring, Summer) until the degree is granted.

About the Catalog

The University of South Florida Graduate Catalog is organized with the degree programs offered listed in the section of the College that offers them. For example, the Master of Science degree with a “program” (also known as major) in Biology is listed in the College of Arts and Sciences section. Some colleges offer areas of specialization, or “concentrations” within a degree program.

PROGRAMS



CONCENTRATIONS

Concentration Requirements are listed separately under each Program.

The Program and Concentration are listed on the official transcript. Other areas, such as application tracks, are not listed on the transcript.

Example:

**Master of Arts in Applied Anthropology
with a Concentration in Bio-cultural Medical Anthropology**

AMERICAN STUDIES PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: February 15

Minimum Total Hours: 33
 Program Level: Masters
 CIP Code: 05.0102
 Dept Code: AMS
 Program (Major/College) AMS AS

CONTACT INFORMATION

College: Arts and Sciences
 Department: Humanities and Cultural Studies

Contact Information: www.grad.usf.edu
 Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

The Master of Arts in American Studies offers students the opportunity to study the social relations and cultural patterns that have both unified and divided Americans over time. Topics cover include popular and elite cultures; the material and technological foundations of American society; cultural heroines and heroes; and the values, ideals, and lifestyles of ordinary people as well as those of recognized historical figures. Students learn how to analyze a broad range of texts, including literature, art, film, and material culture, for evidence of these patterns in American life and culture.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

- 3.00 upper division undergraduate GPA
- an official transcript
- GRE required with a verbal score of 500 or higher and an analytical writing score of not less than 4.5
- an academic writing sample

DEGREE PROGRAM REQUIREMENTS

Total required hours 33

CORE REQUIREMENTS (12 hours)

AMS 6156	Theories and Methods of Cultural Studies	3
AMS 6254	Cultural Era	3
AMS 6805	Major Ideas in American Civilization	3
AMS 6938	Seminar in American Studies	3

Electives (15 hours)

To be selected from 5000 or 6000 level courses in American Studies and/or related departments, such as: English, History, Humanities, Philosophy, Religious Studies, Sociology, and Women's Studies. No more than 6 hours from any one department may be credited toward the degree without written consent from the Graduate Director. Work in AMS 6002 American Lives (3), AMS 6375 The American South (3), AMS 6901 Directed Readings in American Studies (1-3), AMS 6915 Directed Research (1-12), AMS 6934 Selected Topics (1-3), and AMS 6940 Internship in American Studies (1-3) may be included.

Thesis (6 hours)

AMS 6971 - During the semester immediately following completion of required course work, each student will select a thesis topic, constitute a thesis committee, and write and orally defend a thesis proposal. The student will then write a 40 to 80 page thesis. The thesis is an extended research project within a specific area of Concentration, culminating in a written academic analysis. Upon completion of the thesis, the subject of which must be determined in consultation with the Graduate Director, the student must schedule an oral defense.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

APPLIED ANTHROPOLOGY PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: December 15
Fall admission only

Minimum Total Hours: 40
Program Level: Masters
CIP Code: 45.0201
Dept Code: ANT
Program (Major/College): APA AS

Concentrations:

Bio-cultural Medical Anthropology
Cultural Resource Management
Heritage Studies

CONTACT INFORMATION

College: Arts and Sciences
Department: Anthropology

Contact Information: www.grad.usf.edu
Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

The M.A. program, initiated in 1974, was the first in the country to focus on career training for the practice of Applied Anthropology. Faculty at USF specialize in various areas including medical anthropology, biological anthropology, urban policy and community development, education, archaeology, cultural resource management (CRM), economic development, immigration, linguistics, media, and issues pertaining to race, gender, and ethnicity. Geographic specializations emphasize the Caribbean, Latin America, Sub-Saharan Africa, and the United States. More than 200 graduates have received an education in anthropology and its practical uses, leading to employment in government and private sector agencies and organizations. For many, the MA is a terminal degree that qualifies them for professional careers in administration, program evaluation, planning, research, and cultural resource management. Others have gone on to earn doctoral degrees and have gained employment in academic or higher level nonacademic positions. There are three graduate concentrations: Bio-cultural Medical Anthropology, Cultural Resource Management, and Heritage Studies.

Master's level anthropology at USF has three tracks, all leading to the M.A. in Applied Anthropology but with emphases in cultural anthropology, biological anthropology, and archaeology. Although these three tracks share some common requirements, and are bound by general rules of the USF Graduate School, they have different curricula and employment trajectories. Archaeology graduates typically enter careers in contract archaeology, or public and private agencies and museums responsible for managing archaeological resources. The cultural focus of the M.A. in Applied Anthropology is designed to lead to employment in diverse areas that include health care, education, urban planning, human services, private sector consulting and research, and non-governmental community organizations. Museum and heritage programming represent an area of overlap between the two emphases. Students who wish to pursue these kinds of specialties will develop curricula that draw from both applied and public archaeology requirements in consultation with their advisors. Biological Anthropology students are trained to work in health care, law enforcement, private sector consulting and research, and non-governmental organizations. M.A. students can select elective courses to fulfill a concentration in Bio-cultural Medical Anthropology, Cultural Resource Management, Heritage Studies.

For information regarding the dual degree M.A./MPH program with the College of Public Health, refer to the separate listing under Applied Anthropology or Public Health

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

Biocultural medical research in the U.S., Latin America, and Africa including nutrition, population genetics, forensics, maternal and child health, and HIV/AIDS; media and visual anthropology; urban anthropology; Florida archaeology; Mesoamerican archaeology; archaeological science; cultural resource management; language shift and revitalization; bilingualism; heritage studies.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Must meet all admissions criteria established by USF. While the GRE is required, there is no minimum score for admission into the program. Other admission requirements include:

- a statement of purpose
- a signed Research Ethics statement
- at least three letters of recommendation
- a resume or curriculum vitae
- graduate assistant application form (optional)
- optional writing sample

DEGREE PROGRAM REQUIREMENTS

Total required hours (40)

Core Requirements:

1. *Applied Anthropology cultural track*
M.A. students are required to take
ANG 6705 (Foundation of Applied Anthropology)
ANG 6701 (Contemporary Applied Anthropology)
ANG 5486 (Quantitative Methods) (or equivalent in another department), and
ANG 6766 (Research Methods in Applied Anthropology)
plus five (5) elective graduate seminars in Anthropology and
one (1) graduate seminar outside the Anthropology Department
2. *Applied Anthropology archaeology track*
M.A. students are required to take
ANG 6705 (Foundation of Applied Anthropology)
ANG 6198 (Regional Problems in Methods of Public Archaeology)
ANG 6110 (Archaeological Theory and Current Issues)
ANG 5486 (Quantitative Methods) (or equivalent in another department), and
ANG 6197 (Public Archaeology)
plus two (2) electives in archaeology
one (1) elective in biological anthropology
one (1) elective from any graduate seminar in Anthropology, and
one (1) graduate seminar outside the Anthropology Department
3. *Applied Anthropology biological track*
M.A. students are required to take
ANG 6705 (Foundations of Applied Anthropology)
ANG 5486 (Quantitative Methods) (or equivalent in another department)
ANG 6701 (Contemporary Applied Anthropology)
ANG 6766 (Research Methods in Applied Anthropology)
ANG 6511 (Human Variation)

ANG 6469 (Selected Topics in Medical Anthropology)/ANG6511 (Seminar in Physical Anthropology) Theory and Methods in Applied Bioanthropology)
plus three (3) additional graduate seminars in Anthropology and
one (1) graduate seminar outside the Department

4. ANG 6915 Directed Research in Internship: M.A. Internship, 4 credit hours minimum.
5. ANG 6971: Thesis (6 credit hours), at least 2 credit hours per semester until thesis is accepted.

CONCENTRATION REQUIREMENTS

Students select one of the following concentrations:

Concentration in Bio-cultural Medical Anthropology

Graduate students in the M.A., Ph.D., or dual degree programs can select three graduate medical anthropology elective courses with the ANG prefix, one of which must be cross-listed with ANG 6511 (Seminar in Physical Anthropology). The following courses are regularly offered and can be taken as bio-cultural medical electives:

ANG 6465	Regional Problems in Medical Anthropology	3
ANG 6739	Applied Anthropology and International Health	3
ANG 6469	Selected Topics in Medical Anthropology	3

Anthropology (recent selected topics courses include Nutritional Anthropology, Ethnicity and Health Care, Community and Health Care, Social Epidemiology of AIDS, Cross-cultural Aspects of Aging, Forensic Anthropology (Cross listed with ANG 6511), Human Biology of Afro-Cuban Populations (cross-listed with ANG 6511), Theories and Methods in Applied Bio-anthropology. Other electives as approved by advisor.

Graduate students pursuing a concentration in Bio-cultural Medical Anthropology must take the basic course requirements of their graduate program.

Concentration in Cultural Resource Management (9 hours)

Graduate students in the M.A. or Ph.D. degree programs, regardless of track, may select this 9-credit concentration.

Two courses:

ANG 6197	Public Archaeology	3
ANG 6115	Special Topics in Archaeology	3

(When topic is Current Issues and Techniques in Cultural Resources Management, 3 cr.)

Third 3-credit class will be selected from the following options:

ANG 6448	Regional Problems in Urban Anthropology (when topic is Issues in Heritage Tourism, or other as approved by Graduate Director)
ANG 6115	Topics in Public Archaeology (when topic is Historical Archaeology, Florida Archaeology, Southeastern Archaeology, Museum Methods, or other as approved by Graduate Director)

Graduate class in Geographic Information Systems, whether offered in Anthropology or another department. Graduate students pursuing a concentration in Cultural Resource Management must take the basic course requirements of their graduate program.

Concentration in Heritage Studies

The concentration in Heritage Studies allows M.A. and Ph.D. students to create a focused plan of study around issues of cultural heritage preservation, interpretation, and representation. Students will learn to identify, document, and critically interpret the significance of cultural heritage in urban, rural, and non-US settings, with a particular emphasis on community-based and collaborative approaches to these issues. One

course, ANG 7708 (Selected Topics in Applied Anthropology: Issues in Heritage Studies, 3 cr.) is required. In addition, students select two electives from among the following options:

ANG 5395	Visual Anthropology	3
ANG 6081	Museum Methods	4
ANG 6197	Public Archaeology	3
ANG 6436	Issues in Heritage Tourism	3
ANG 6448	Regional Problems in Urban Anthropology (topics include 'Ethnohistory,' 'Museums in Culture,' 'Ethnicity and Public Policy,' 'Heritage Research and Management,' 'Culture and Environmental Resources,')	3
ANG 6676	Seminar in Anthropological Linguistics (when the topic is 'Language and Culture' or 'Language and Racism')	3
ANG 7487	Quantitative Research Methods	3

Comprehensive Exam

The comprehensive exam requirement is satisfied upon successful completion of Foundation of Applied Anthropology (ANG 6705). Successful completion entails earning a final grade of "B" or better in this course.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

APPLIED ANTHROPOLOGY AND PUBLIC HEALTH PROGRAMS

Dual Degree Program

Master of Arts (M.A.)/Master of Public Health (M.P.H.) Degrees

DEGREE INFORMATION

Program Admission Deadlines:	
Fall:	December 15 Fall admissions only
Minimum Total Hours:	Applied Anthropology 37 Public Health 42
Program Level:	Masters
CIP Code:	Applied Anthropology: 45.0201 Public Health: 51.2201
Dept Codes:	ANT, DEA
Program (Major/College):	ANT AS / MPH PH
Concentrations:	Bio-cultural Medical Anthropology Cultural Resource Management Heritage Studies

CONTACT INFORMATION

Colleges:	Arts and Sciences Public Health
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The two programs review applicants independently. Application forms for Anthropology and Public Health are completed with each listing both as major areas of study. The review process may begin in either college. The timing of application should take into consideration that the COPH admits students three times a year (Fall, Spring, and Summer) and the Department of Anthropology admits students annually in the Fall. Once the applicant has been accepted into one program, the application is forwarded to the other program for review.

After admission to both programs, the Graduate Admissions office instructs the Registrar's Office to classify the student as dually enrolled in anthropology and public health. In choosing which program to apply to first, students should take into consideration the following: requirements in Anthropology for admission are different than in Public Health; admission to one program does not guarantee admission to the other; and of course, the student's interests and career plans. Upon completion of all requirements for the dual degree program, the student submits separate applications for graduation to Anthropology and Public Health, and is certified for graduation by both programs and receives two diplomas. Dual degree students can also select elective courses to fulfill a concentration in Bio-cultural Medical Anthropology.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Must meet all admissions criteria established by USF with the exception that applicants must have a 3.20 undergraduate GPA. The GRE is required for consideration in both programs, but there is no minimum score for admission into Anthropology. Admission requirements for the M.P.H. in Public Health include at least 3.20 GPA at both the undergraduate and graduate levels, and a GRE of 550V and 620Q, 4.0 A.W. In addition, admission to any of the

dual programs will consider letters of recommendation, past experience, goal statement, and availability of faculty. Other admission requirements include:

- a statement of purpose
- a signed Research Ethics statement
- at least three letters of recommendation
- a resume or curriculum vitae
- graduate assistant application form (optional)
- optional writing sample

DEGREE PROGRAM REQUIREMENTS

M.A. in Applied Anthropology (40 hours)

1. ANG 6705 Foundation of Applied Anthropology 3
2. ANG 6701 Contemporary Applied Anthropology 3
3. ANG 6766 Research Methods in Applied Anthropology 3
4. Graduate level statistics course fulfilled by [PHC 6050](#) Biostatistics I or ANG 5486 Quantitative Methods
5. Four graduate level seminars (variable topics) in Anthropology, at least two in the area of medical anthropology (often [ANG 6469](#) Selected Topics in Medical Anthropology); one of these fulfilled by taking in public health [PHC 6410](#) Social and Behavioral Sciences Applied to Health or [PHC 6931](#) Advanced Seminar in SBS Applied to Health
6. One graduate level course outside the Department of Anthropology fulfilled by public health courses
7. Comprehensive examination requirement met by successfully completing ANG 6705 (Foundation of Applied Anthropology). Successful completion entails earning a final grade of "B" or better in this course.
8. Internship: [ANG 6915](#); one semester, full-time after completion of course requirements, in the field of public health to dually fulfill MPH requirement for Supervised Field Experience [PHC 6945](#), 4 credit hours minimum
9. Thesis: [ANG 6971](#): dually fulfills MPH requirement for Special Project, [PHC 6977](#), 6 credit hours minimum

M.P.H. in Public Health (42 hours)

Requirements include public health core courses, concentration area courses, electives, supervised field placement, comprehensive exam, and special project. For specific information please refer to the Catalog listing for the MPH in Public Health

Concentration in Bio-cultural Medical Anthropology

Graduate students in the M.A., Ph.D., or dual degree programs can select three graduate medical anthropology elective courses with the ANG prefix, one of which must be cross-listed with ANG 6511 (Seminar in Physical Anthropology). The following courses are regularly offered and can be taken as bio-cultural medical electives:

ANG 6465	Regional Problems in Medical Anthropology	3
ANG 6739	Applied Anthropology and International Health	3
ANG 6469	Selected Topics in Medical Anthropology	3
	Recent selected topics courses include Nutritional Anthropology, Ethnicity and Health Care, Community and Health Care, Socio-Cultural Aspects of AIDS, Reproductive Health, Cross-cultural Aspects of Aging, Forensic Anthropology (Cross listed with ANG 6511), Human Biology of Afro-Cuban Populations (cross-listed with ANG 6511), Theories and Methods in Applied Bio-anthropology. Other electives as approved by advisor.	

Graduate students pursuing a concentration in Bio-cultural Medical Anthropology must take the basic course requirements of their graduate program.

Concentration in Cultural Resource Management (9 hours)

Graduate students in the M.A. or Ph.D. degree programs, regardless of track, may select this 9-credit concentration.

Two courses:

ANG 6197	Public Archaeology	3
ANG 6115	Seminar in Anthropology: Special Topics in Archaeology (When topic is Current Issues and Techniques in Cultural Resources Management)	3

Third 3-credit class will be selected from the following options:

ANG 6448	Regional Problems in Urban Anthropology (when topic is Issues in Heritage Tourism, or other as approved by Graduate Director)	3
ANG 6115	Seminar in Anthropology: Special Topics in Public Archaeology (when topic is Historical Archaeology, Florida Archaeology, Southeastern Archaeology, Museum Methods, or other as approved by Graduate Director)	3

Graduate class in Geographic Information Systems, whether offered in Anthropology or another department. Graduate students pursuing a concentration in Cultural Resource Management must take the basic course requirements of their graduate program.

Concentration in Heritage Studies

The concentration in Heritage Studies allows M.A. and Ph.D. students to create a focused plan of study around issues of cultural heritage preservation, interpretation, and representation. Students will learn to identify, document, and critically interpret the significance of cultural heritage in urban, rural, and non-US settings, with a particular emphasis on community-based and collaborative approaches to these issues. One course, ANG 7708 (Issues in Heritage Studies, 3 cr.) is required. In addition, students select two electives from among the following options:

ANG 5395	Visual Anthropology	3
ANG 6081	Museum Methods	4
ANG 6197	Public Archaeology	3
ANG 6436	Issues in Heritage Tourism	3
ANG 6448	Regional Problems in Urban Anthropology (topics include 'Ethnohistory,' 'Museums in Culture,' 'Ethnicity and Public Policy,' 'Heritage Research and Management,' 'Culture and Environmental Resources,')	3
ANG 6495	Oral History and Life History: Approaches to Qualitative Research	3
ANG 6676	Seminar in Anthropological Linguistics (when the topic is 'Language and Culture' or 'Language and Racism')	3
ANG 7487	Quantitative Research Methods	3

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

APPLIED ANTHROPOLOGY PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:
 Fall: December 15
 Fall admission only

Minimum Total Hours: 46 beyond MA
Program Level: Doctoral
CIP Code: 45.0201
Dept Code: ANT
Program (Major/College): APA AS

Concentrations:

Bio-cultural Medical Anthropology
 Cultural Resource Management
 Heritage Studies

CONTACT INFORMATION

College: Arts and Sciences
Department: Anthropology

Contact Information: www.grad.usf.edu

PROGRAM INFORMATION

The Ph.D. program in Applied Anthropology, initiated in 1984, was the first doctoral program of its kind. Its primary focus is to prepare students in the theories, methods, skills and techniques of applied anthropology. The program is designed to prepare students to conduct research, teach, and practice applied anthropology in both academic and nonacademic settings. Students participate in either a structured research internship or independent field research for two consecutive semesters. Ph.D. students can select elective courses to fulfill a concentration in Bio-cultural Medical Anthropology, Cultural Resource Management and/or Heritage Studies.

For information regarding the dual degree Ph.D./MPH program with the College of Public Health, see the separate listing under Anthropology or Public Health.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools

Major Research Areas:

Biocultural medical research in the U.S., Latin America, and Africa, including nutrition, population genetics, forensics, maternal and child health, and HIV/AIDS; media and visual anthropology; urban anthropology; Florida archaeology; Mesoamerican archaeology; archaeological science; cultural resource management; language shift and revitalization, bilingualism; heritage studies.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Must meet all admissions criteria established by USF. Applicants must take the GRE, and provide the results in the application process. GRE scores will be a factor in the overall admissions decision. Dual degree applicants (Anthropology/Public Health) will be required to meet any GRE requirements specific to the College of Public Health.

Applicants must also provide:

- a statement of purpose
- a signed Research Ethics statement
- at least 3 letters of recommendation
- a resume or curriculum vitae
- graduate assistant application form (optional)
- optional writing sample

DEGREE PROGRAM REQUIREMENTS

Total required hours: 46 hours beyond the M.A.

CORE REQUIREMENTS

Course requirements

Upon completion of any prerequisites: ANG 6705 (Foundations of Applied Anthropology).

1. Must receive a grade of "B" or better; satisfies preliminary examinations in four subfields. Ph.D. students with a recent (within the past five years) M.A. in Anthropology are not required to take Foundations of Applied Anthropology, although they may do so if their advisor recommends it. Students who opt not to take Foundations must substitute an elective class.
2. For cultural track, five additional required courses within the Department of Anthropology:

ANG 6490	Seminar in Cultural Anthropology (when topic is Anthropological Theory Today)	-
ANG 6701	Contemporary Applied Anthropology	3
ANG 6766	Research Methods in Applied Anthropology	3
ANG 7704	Legal and Ethical Aspects of Applied Anthropology	3
ANG 7487	Quantitative Research Methods	3
3. For archaeology track:

ANG 6198	Archaeological Methods	3
ANG 6110	Archaeological Theory and Current Issues	3
ANG 6197	Public Archaeology and	3
ANG 7487	Advanced Quantitative Research Methods and	3
ANG 6115	Seminar in Archaeology (when the topic is Advanced Archaeological Theory)	3
4. For biological track, required courses include:

ANG 7487	Advanced Quantitative Research Methods	3
ANG 6701	Contemporary Applied Anthropology	3
ANG 6511/	Seminar in Physical Anthropology/	3
ANG 6588	Human Variation, and	-
ANG 6469/	Selected Topics in Medical Anthropology	3
ANG 6511	Seminal in Physical Anthropology (when topic is Theory and Methods in Applied Bioanthropology)	3
ANG 6766	Research Methods in Applied Anthropology	3
5. Three elective graduate level Anthropology courses.

External Curriculum Requirement

The external curriculum requirement is designed to promote interdisciplinary perspectives. Students are expected to enroll in a minimum of two (2) or a maximum of three (3) graduate level courses in departments other than

Anthropology, selected on the basis of professional interests and in consultation with the major advisor. Students who enter the Ph.D. program with post-baccalaureate degrees in disciplines other than Anthropology may be able to use up to nine (9) credits completed for that degree to satisfy the requirement, after consultation with the major advisor and approval of the Graduate Director. In these cases, the remaining credit hours will be fulfilled through additional coursework in Anthropology.

CORE REQUIREMENTS

Students select one of the following concentrations:

Concentration in Bio-cultural Medical Anthropology

Graduate students in the M.A., Ph.D., or dual degree programs can select three graduate medical anthropology elective courses with the ANG prefix, one of which must be cross-listed with ANG 6511 (Seminar in Physical Anthropology). The following courses are regularly offered and can be taken as bio-medical electives:

ANG 6465	Regional Problems in Medical Anthropology	3
ANG 6739	Applied Anthropology and International Health	3
ANG 6469	Selected Topics in Medical Anthropology	3

Anthropology (recent selected topics courses include Nutritional Anthropology, Ethnicity and Health Care, Community and Health Care, Socio-cultural Aspects of AIDS, Reproductive Health, Cross-cultural Aspects of Aging, Forensic Anthropology (Cross listed with ANG 6511), Human Biology of Afro-Cuban Populations (cross-listed with ANG 6511), Theories and Methods in Applied Bio-anthropology. Other electives as approved by advisor

Graduate students pursuing a concentration in Bio-cultural Medical Anthropology must take the basic course requirements of their graduate program.

Concentration in Cultural Resource Management

Graduate students in the M.A. or Ph.D. degree programs, regardless of track, may select this 9-credit concentration.

Two courses

ANG 6197	Public Archaeology	3
ANG 6115	Seminar in Archaeology (when topic is Current Issues and Techniques in Cultural Resources Management)	3

Third 3-credit class will be selected from the following options:

ANG 6448	Regional Problems in Urban Anthropology (when topic is Issues in Heritage Tourism, or other as approved by Graduate Director)	3
ANG 6115	Seminar in Archaeology (when topic is Historical Archaeology, Florida Archaeology, Southeastern Archaeology, Museum Methods, or other as approved by Graduate Director)	3

Graduate class in Geographic Information Systems, whether offered in Anthropology or another department.

Graduate students pursuing a concentration in Cultural Resource Management must take the basic course requirements of their graduate program.

Concentration in Heritage Studies

The concentration in Heritage Studies allows M.A. and Ph.D. students to create a focused plan of study around issues of cultural heritage preservation, interpretation, and representation. Students will learn to identify, document, and critically interpret the significance of cultural heritage in urban, rural, and non-US settings, with a particular emphasis on community-based and collaborative approaches to these issues. One course, ANG 7708, ANG 7708 (Issues in Heritage Studies, 3 cr., is required.

In addition, students select two electives from among the following options:

ANG 5395	Visual Anthropology	3
ANG 6081	Museum Methods	4
ANG 6197	Public Archaeology	3
ANG 6436	Issues in Heritage Tourism	3
ANG 6448	Regional Problems in Urban Anthropology (topics include 'Ethnohistory,' 'Museums in Culture,' 'Ethnicity and Public Policy,' 'Heritage Research and Management,' 'Culture and Environmental Resources,')	3
ANG 6495	Oral History and Life History: Approaches to Qualitative Research	3
ANG 6676	Seminar in Anthropological Linguistics (when the topic is 'Language and Culture' or 'Language and Racism')	3
ANG 7487	Quantitative Research Methods	3

Language Requirement

All Ph.D. students are required to demonstrate proficiency in a foreign language, the specifics to be determined by the student and the supervisory committee, taking into account the nature of the student's research. Minimal proficiency is demonstrated by the ability to satisfactorily translate a selection of the scholarly literature in the foreign language, with the occasional aid of a dictionary. The supervisory committee may require additional levels of proficiency depending on the nature of individual student research. The language requirement must be satisfied no later than the date of the dissertation defense.

Qualifying examination covering area of specialization within applied anthropology and external specialization. Two-semester internship or dissertation research ANG 7940 (Doctoral Internship in Applied Anthropology, minimum of 4 credit hours).

Dissertation (6 credits)

Dissertation, based on research or internship ANG 7980 (Doctoral Dissertation, minimum of 6 credit hours).

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

APPLIED ANTHROPOLOGY AND PUBLIC HEALTH PROGRAMS

Dual Degree Program

Doctor of Philosophy (Ph.D.)/Master of Public Health (M.P.H.) Degrees

DEGREE INFORMATION

Program Admission Deadlines:

Fall: December 15
Fall admissions only

Minimum Total Hours: 46 – Applied Anthropology
42 – Public Health

Program Level: Doctoral and Masters

CIP Code: Applied Anthropology:
45.0201

Public Health: 51.2201

Dept Code: ANT, DEA

Program (Major/College): APA AS, MPH PH

Concentrations:

Bio-cultural Medical Anthropology
Cultural Resource Management
Heritage Studies

CONTACT INFORMATION

Colleges: Arts and Sciences

Public Health

Departments: Anthropology, Public Health

Contact Information: www.grad.usf.edu

PROGRAM INFORMATION

Students interested in combining a program of study leading to a doctorate plus master's degree have two choices: they may obtain a Ph.D. in Applied Anthropology with an M.P.H. in a Public Health concentration; or they may obtain a Ph.D. in Public Health with an M.A. in Applied Anthropology. For the doctoral/master's combination, students develop individual programs of study in consultation with an interdisciplinary academic advisory committee. The committee must approve the plan of study as well as the proposal to fulfill the thesis and dissertation requirements or dissertation and special project requirements through a single project.

The two programs review applicants independently. The review process may begin in either college. The timing of application should take into consideration that the COPH admits MPH students three times a year (Fall, Spring, and Summer) (the Ph.D. program only has a fall admission) and the Department of Anthropology admits students annually in the Fall. Once the applicant has been accepted into one program, the application is forwarded to the other program for review.

After admission to both programs, the Graduate Admissions office instructs the Registrar's Office to classify the student as dually enrolled in anthropology and public health. In choosing which program to apply to first, students should take into consideration the following: requirements in Anthropology for admission are different than in Public Health; admission to one program does not guarantee admission to the other; and of course, the student's interests and career plans. Upon completion of all requirements for the dual degree program, the student submits separate applications for graduation to Anthropology and Public Health, and is certified for graduation by both programs and receives two diplomas. Dual degree students can also select elective courses to fulfill a concentration in Bio-cultural Medical Anthropology.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Must meet all admissions criteria established by USF. The GRE is required for consideration in both programs, but there is no minimum score for admission into Anthropology. Admission requirements for the M.P.H. in Public Health include at least a 3.20 GPA at both the undergraduate and graduate levels, and a GRE of 550V and 620Q, 4.0 AW. In addition, admission to any of the dual degree programs will consider letters of recommendation, past experience, goal statement and availability of faculty. Other admission requirements include:

- a statement of purpose
- a signed Research Ethics statement
- at least 3 letters of recommendation
- a resume or curriculum vitae
- graduate assistant application form (optional)
- optional writing sample

Admission requirements for the Ph.D. in Public Health include at least a 3.20 GPA at both the undergraduate and graduate levels, and a GRE of 550V and 620Q, 4.0 AW. In addition, admission to any of the dual degree programs will consider letters of recommendation, past experience, goal statement and availability of faculty.

DEGREE PROGRAM REQUIREMENTS

Ph.D. in Applied Anthropology (46 hours beyond the M.A.)

CORE REQUIREMENTS

Course requirements

Upon completion of any prerequisites: ANG 6705 (Foundations of Applied Anthropology)

1. Must receive a grade of "B" or better, satisfies preliminary examinations in four subfields.
2. For cultural track, five additional required courses within the Department of Anthropology: ANG 6490 (Seminar in Cultural Anthropology) (when topic is Anthropological Theory Today), ANG 6701 (Contemporary Applied Anthropology), ANG 6766 (Research Methods in Applied Anthropology), ANG 7704 (Legal and Ethical aspects of Applied Anthropology), ANG 7487 (Quantitative Research Methods)
3. For biological track, required courses include: ANG 7487 (Quantitative Research Methods, ANG 6701 (Contemporary Applied Anthropology), ANG 6511 (Seminar in Physical Anthropology/6588 (Human Variation), ANG 6469/ANG 6511 (when topic is Theory and Methods in Applied Bioanthropology), and ANG 6766 (Research Methods in Applied Anthropology).
4. Three elective graduate level Anthropology courses.

External Curriculum Requirement

The external curriculum requirement is designed to promote interdisciplinary perspectives. Students are expected to enroll in a minimum of two (2) or a maximum of three (3) graduate level courses in departments other than Anthropology, selected on the basis of professional interests and in consultation with the major advisor. Students who enter the Ph.D. program with post-baccalaureate degrees in disciplines other than Anthropology may be able to use up to 9 credits completed for that degree to satisfy the requirement, after consultation with the major advisor and approval of the Graduate Director. In these cases, the remaining credit hours will be fulfilled through additional coursework in Anthropology.

Language Requirement

All Ph.D. students are required to demonstrate proficiency in a foreign language, the specifics to be determined by the student and the supervisory committee, taking into account the nature of the student's research. Minimal proficiency is demonstrated by the ability to satisfactorily translate a selection of the scholarly literature in the foreign language, with the occasional aid of a dictionary. The supervisory committee may require additional levels of proficiency depending on the nature of individual student research. The language requirement must be satisfied no later than the date of the dissertation defense.

Qualifying examination covering area of specialization within applied anthropology and external specialization.

Internship

Two-semester internship of dissertation research

ANG 7940	Doctoral Internship in Applied Anthropology	4 credit hours minimum
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Dissertation, based on research or internship

ANG 7980	Dissertation Doctoral	6 hours minimum
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M.P.H. in Public Health**42 hours**

Requirements include public health core courses, concentration area courses, concentration area courses, electives, supervised field placement, comprehensive exam, and special project.

1. Public Health Core Courses (15 hours, required for all concentration areas):

a)	PHC 6410 Social and Behavioral Sciences Applied to Health	3
b)	PHC 6000 Epidemiology	3
c)	PHC 6050 Biostatistics I or ANG 5488 Statistics	
d)	PHC 6102 Principles of Health Policy and Management	3
e)	PHC 6357 Environmental and Occupational Health	3

2. Concentration Area Courses

a)	Health Policies and Programs
b)	Health Care Organizations and Management
c)	International Health Management
d)	Epidemiology
e)	Environmental Health
f)	Tropical Public Health/Communicable Disease
g)	Maternal and Child Health
h)	Public Health Education

For program descriptions and requirements, please see College of Public Health.

CONCENTRATION REQUIREMENTS**Concentration in Bio-cultural Medical Anthropology**

Graduate students in the M.A., Ph.D., or dual degree programs can select three graduate medical anthropology elective courses with the ANG prefix, one of which must be cross-listed with ANG 6511 (Seminar in Physical Anthropology). The following courses are regularly offered and can be taken as bio-medical electives:

ANG 6465	Regional Problems in Medical Anthropology	3
ANG 6739	Applied Anthropology and International Health	3
ANG 6469	Selected Topics in Medical Anthropology	3

Anthropology (recent selected topics courses include Nutritional Anthropology, Ethnicity and Health Care, Community and Health Care, Social Epidemiology of AIDS, Cross-cultural Aspects of Aging, Forensic Anthropology (Cross listed with ANG 6511), Human Biology of Afro-Cuban Populations (cross-listed with ANG 6511), Theories and Methods in Applied Bio-anthropology. Other electives as approved by advisor

Graduate students pursuing a concentration in Bio-cultural Medical Anthropology must take the basic course requirements of their graduate program.

Concentration in Cultural Resource Management

Graduate students in the M.A. or Ph.D. degree programs, regardless of track, may select this 9-credit concentration.

Two courses

ANG 6197	Public Archaeology	3
ANG 6115	Seminar in Archaeology (when topic is Current Issues and Techniques in Cultural Resources Management.)	3

Third 3-credit class will be selected from the following options:

ANG 6448	Regional Problems in Urban Anthropology (when topic is Issues in Heritage Tourism, or other as approved by Graduate Director)	3
ANG 6115	Seminar in Archaeology (when topic is Historical Archaeology, Florida Archaeology, Southeastern Archaeology, Museum Methods, or other as approved by Graduate Director)	3

Graduate class in Geographic Information Systems, whether offered in Anthropology or another department.

Graduate students pursuing a concentration in Cultural Resource Management must take the basic course requirements of their graduate program.

Concentration in Heritage Studies

The concentration in Heritage Studies allows M.A. and Ph.D. students to create a focused plan of study around issues of cultural heritage preservation, interpretation, and representation. Students will learn to identify, document, and critically interpret the significance of cultural heritage in urban, rural, and non-US settings, with a particular emphasis on community-based and collaborative approaches to these issues. One course, ANG 7708 (Issues in Heritage Studies, 3 cr., is required.)

In addition, students select two electives from among the following options:

ANG 5395	Visual Anthropology	3
ANG 6081	Museum Methods	4
ANG 6197	Public Archaeology	3
ANG 6436	Issues in Heritage Tourism	3
ANG 6448	Regional Problems in Urban Anthropology (topics include 'Ethnohistory,' 'Museums in Culture,' 'Ethnicity and Public Policy,' 'Heritage Research and Management,' 'Culture and Environmental Resources,')	3
ANG 6495	Oral History and Life History: Approaches to Qualitative Research	3
ANG 6676	Seminar in Anthropological Linguistics (when the topic is 'Language and Culture' or 'Language and Racism')	3
ANG 7487	Quantitative Research Methods	3

COURSES See <http://www.ugs.usf.edu/sab/sabs.cfm>

BIOLOGY PROGRAM

Master of Science (M.S.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: January 1 for full consideration; however applications are accepted to February 15 (U.S. Applicants)
January 1 (International)

Spring: August 1 (U.S. Applicants)
July 1 (International)

Minimum Total Hours: 30
Program Level: Masters
CIP Code: 26.0101
Dept Code: BIO
Program (Major/College): BIO AS

Concentrations:

Cell Biology and Molecular Biology (CMB)
Ecology and Evolution (EEV)
Environmental and Ecological Microbiology (EVM)
Physiology and Morphology (PMY)

CONTACT INFORMATION

College: Arts and Sciences
Departments: Cell Biology, Molecular Biology and Microbiology (CMMB)
Integrated Biology (IB)

Contact Information: www.grad.usf.edu

Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

The Department of Biology was expanded into the Department of Cell Biology, Molecular Biology and Microbiology (CMMB) and the Department of Integrated Biology (IB) in 2009. Each Department has its own Chair and Graduate Director and offers students a Master of Science in Biology with a specific concentration associated with either CMMB or IB. There is no general Biology MS degree program. The CMMB and IB Departments are located in two modern, well- equipped buildings. Most research in the CMMB Department is done by faculty housed in the Bio-Science Faculty building (BSF) , and most of the research within the IB Department is conducted by faculty housed in the Science Center building (SCA). In addition, the department has common research facilities in two nearby buildings. Because of the interdisciplinary aspect of most research projects, faculty and graduate students often work together on broad training research projects that bring together many of the traditionally separate areas of biology. Many of the faculty within CMMB and IB are involved in cooperative research with their colleagues in Chemistry, Public Health, Nursing, Medicine, Geology, Psychology, Geography, Marine Science, and Environmental Science. Often CMMB and IB graduate students have faculty members from these other areas of USF as members of their graduate committees.

Because of the many undergraduate courses that require hands-on experimental laboratories, both CMMB and IB support many graduate students as Teaching Assistants. CMMB and IB values high quality teaching at all levels of instruction. Research Assistant positions also are available to support research with specific faculty members depending on an individual faculty members funding. Numerous scholarship opportunities are also offered on a competitive basis through the USF Graduate School.

Application to the Biology Program is through one of the two departments, with students selecting a formal Concentration. Refer to the Concentration listing in the Catalog for specific information and requirements.

Applying to the Department of Cell Biology, Microbiology and Molecular Biology

Students interested in attending graduate school within the CMMB Department should visit the CMMB website that can be accessed from the main USF site and review the current CMMB faculty. It is recommended that potential students consider at least 2-3 CMMB faculty that they would be interested in working with and communicate this information in their letter of application. It is also recommended that potential students contact the CMMB Graduate Director as well as the individual faculty members they are interested in working with via email. Such communication will facilitate the assignment of the laboratory rotations that CMMB students will participate in during their first semester of residency and also allow the applicant to determine whether the desired faculty member has positions available in the laboratory. All students admitted to the Masters concentration in Cell Biology and Molecular Biology must establish a Graduate Supervisory Committee. The Graduate Committee shall constitute the major professor and at least two additional credentialed faculty. At least one of the committee members must be a faculty member at USF. Supervisory committee must be formed within two semesters after matriculation. *Refer to Committee information in the University Requirements Section of the Catalog for more information.*

The CMMB Graduate Director, CMMB Chair, and the College Associate Dean (or designee) must approve the Graduate Committee. Once a major professor has been assigned and/or a student occupies or utilizes significant space or facilities for research or analogous scholarly activity directly pertinent to the generation of a thesis, the student shall enroll for two (2) hours of research credit each semester (other than summer semester), until eligible to enroll in thesis credits.

Applying to the Department of Integrative Biology

Students interested in attending graduate school within the IB Department should contact potential major professors to communicate their research ideas and establish that the professor will consider the student's application. The IB Department requires that all students admitted into the MS program have the approval of a major professor. Applicants should contact faculty conducting research in the student's area of interest well in advance of the application deadline.

For all master's students, the major professor and at least two additional faculty constitute the student's supervisory committee, the major professor and at least one of the committee members must be from the Biology Department. Supervisory committees must be established within two semesters after matriculation. Failure to do so will be cause for dismissal.

The IB Graduate Director, IB Chair, and the College Associate Dean (or designee) must approve the Supervisory Committee. Once a major professor has been assigned and/or a student occupies or utilizes significant space or facilities for research or analogous scholarly activity directly pertinent to the generation of a thesis, the student shall enroll for a minimum of two (2) hours of research credit each semester (other than summer semester), until eligible to enroll in thesis credits.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas: Cell Biology, Molecular Biology, Signal Transduction and Gene Regulation, Cancer Biology, Developmental Biology, Microbiology, Ecology and Evolution, Environmental and Ecological Microbiology, Physiology and Morphology

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

- Prospective students must apply to a specific Biology MS program concentration via the online application process through the USF Graduate School.
- Must have 3.00 GPA last 60 hours of B.S. degree

- Must have 500V, 600Q, 4.5AW on GRE
- All international students are required to submit the TOEFL test. Non-native English speaking graduate students must score a minimum of at least 570 on the paper based test or a minimum total score of 79 on the internet based test on the TOEFL and at least 50 on the TSE to be eligible for a teaching assistantship.
- For acceptance into the IB Department, acceptance by a faculty member in IB is MANDATORY. IB encourages applicants to contact faculty via email to indicate an interest in the research being conducted in their laboratory. IB will make every effort to pair potential graduate students with appropriate faculty; however, it is recommended that applicants make direct contact with individual faculty.
- It is expected that candidates for the M.S. degrees will have completed courses equivalent to those required for the B.S. in Biology at U.S.F.

Materials necessary for a complete application are listed below.

The following items should be submitted in the envelope provided to:

Integrative Biology Graduate Office
Attention: IB Graduate Director
University of South Florida
4202 E. Fowler Ave – SCA110
Tampa, FL 33620-5150

CMMB Graduate Office
Attention: CMMB Graduate Director
University of South Florida
4202 E. Fowler Ave – BSF 218
Tampa, FL 33620-5150

1. Two official transcripts in a sealed envelope from each post-secondary institution. Transcripts of work completed at USF will be secured by the Office of Admissions. Thus, applicants need only to secure transcripts from other institutions for your application packet.
2. Three letters of recommendation from faculty in sealed envelopes (on their university letterhead) with the envelope seal signed by the recommender. Students shall complete a **Student Recommendation Form** that can be found on the CMMB and IB website and submit it to the recommenders.
3. A brief essay stating your intended field of research and professional goals. Please indicate your specific research interests, in order that we may refer your application to appropriate CMMB or IB faculty members. **In the** essay please list 2-3 CMMB or IB faculty members that you would like to have review your file. *Acceptance into the IB graduate program requires the identification of specific faculty who are willing to direct your research.* This final requirement does not apply to students wishing to study in the CMMB Department.
4. Applicant must complete the Application for Teaching Assistantship (TA) Form that can be found on the CMMB or IB website if they wish to be considered for a TA position. Applicants who do not return this form will not be considered for a teaching position. Applicants should attach a resume to the Application for Teaching Assistantship (TA) Form that highlights any previous teaching experience.

OFFICIAL test scores must be sent to USF directly from the testing agency. The University of South Florida's 4-Digit Institution Code is: 5828

Official GRE scores. This exam must have been taken within the last five years.

DEGREE PROGRAM REQUIREMENTS

The thesis based M.S. degree requires successful completion of the following:

1. structured coursework
2. an oral qualifying exam
3. research thesis
4. comprehensive final examination

The Master's Degree Requirements should be completed in two to three years. The CMMB and IB Departments require all graduate work applied toward the completion of degree requirements be completed within a five year period after matriculation. Thesis research should be publishable and students are encouraged to publish their findings. Students must choose a specific concentration in the MS degree that will be completed within either the CMMB or IB Department. The specific requirements for the Master of Science (M.S.) and the specific concentrations are provided below.

1. Credit hour requirement a total of 30 semester hour credits beyond the Baccalaureate Degree is required. *(including BSC 6910, BSC 6971, BSC 6935, and other structured and unstructured courses approved by CMMB or IB)*
2. Students admitted to the CMMB Department must complete three laboratory rotations during their first semester of residency.
3. Successful completion of the oral **comprehensive qualifying examination**. The exam should be taken at the end of the first year, or early in the second year of study. The examination is administered and evaluated by the student's graduate committee.
4. Submission of a **thesis proposal** and approval by the major professor, graduate committee and graduate director.
5. A minimum of eight (8) thesis research credit hours (BSC 6971).
6. Seminar requirement: one presentation, excluding the thesis seminar and defense. Students should present posters or oral presentations based on their thesis research at national/regional professional meetings. The student's graduate committee must approve the presentation.
7. Submission of an acceptable thesis.
8. Presentation of the thesis seminar (BSC 6935) and successful defense of the thesis.

Degree Progress

A student must be registered for an appropriate load (in no case fewer than two [2] graduate hours) in the college for the semester in which all degree requirements are satisfactorily completed. A student who receives three grades below "B" in structured courses required by the advisory committee will be dropped from the program. Registration in courses entitled Directed Research, Thesis must be with the approval of the major professor and must be commensurate with each student's research plan. Students may not register in Thesis: Master's until a Supervisory Committee has been formed and completed the oral qualifying examination. A student who enrolls in courses entitled Thesis: Master's but does not submit a thesis will not be certified for graduation.

CORE REQUIREMENTS

M.S. in Biology Core (4 credit hrs)

BSC 6930 Lectures in Contemporary Biology (1)

Enrollment in this course is required for at least two semesters of residency. (Note: Students in the Integrated Biology Department are required to enroll in this course for an additional semester for a total of three semesters)

CONCENTRATION REQUIREMENTS

CELL BIOLOGY AND MOLECULAR BIOLOGY (CMM)

Offered from the Department of Cell Biology, Molecular Biology and Microbiology (CMMB)

Description:

See program description

Core Requirement:

EEX 7743 Philosophies of Inquiry 3

Concentration Requirements

In addition to the Program requirements, students must complete the following concentration requirements:

BSC 6932 Advances in Scientific Review 2
 BSC 6932 Advances in Scientific Writing 2
 PCB 6930 Advances in Cell and Molecular Biology 1

Electives* (minimum of 6 credit hrs)

MCB 5206 Public Health and Pathogenic Microbiology 3
 MCB 5655 Applied and Environmental Microbiology 3
 PCB 5235 Principles of Immunology 3
 PCB 6236 Advanced Immunology 3
 MCB 5815 Medical Mycology 3
 BSC 5931 Molecular Microbial Ecology 3
 BSC 5931 Prokaryotic Molecular Genetics 3
 MCB 5410 Cellular Microbiology 3
 PCB 5256 Developmental Mechanisms 3
 BSC 5420 Genetic Engineering and Recombinant DNA Technol 3
 PCB 5616 Molecular Phylogenetics 3
 PCB 5525 Molecular Genetics 3
 PCB 6107 Advanced Cell Biology 4
 BSC 5931 Eukaryotic Genomics 3

**The supervisory committee may approve additional courses not listed here.*

Accelerated Non-Thesis B.S./M.S. Program

This program allows B.S. majors to take graduate courses for the elective part of the Biology degree and apply them to a non-thesis M.S. degree in Biology. Successful students will be able to earn the M.S. degree in two additional semesters beyond the completion of the B.S. degree. This accelerated program shares 12 credits between already existing degrees/concentrations:

B.S. in Biology, Concentration in Cell and Molecular Biology (submitted)

M.S. in Biology, Concentration in Cell and Molecular Biology (non-thesis option)

Description and Requirements

Biology majors who have completed the following courses may apply to this program:

PCB3023 Cell Biology

PCB3063 Genetics

MCB3410 Cell Metabolism

PCB4024 Molecular Biology of the Cell or PCB4026 Molecular Biology of the Gene

Students who have been admitted to the program but subsequently fail to achieve a 3.0 GPA in the last 60 hours of their B.S. degree, or who do not complete at least 30 of their last 60 hours at USF, will be dismissed from the program.

Once accepted, students must meet with BioAdvise (the advising office for biological sciences within the College of Arts and Sciences) to prepare an action plan to complete the B.S./M.S. accelerated program. This requires them to take all the courses required for the B.S. in Biology: Concentration in Cell and Molecular Biology. Students may take up to 12 credits of graduate courses as electives in CMMB and

apply those courses to both the B.S. and M.S. degrees. They will not be admitted as graduate students until they have completed their B.S. degree and met all the requirements for admission to CMMB as graduate students. The action plan should include a schedule of coursework to complete their B.S. degrees and a date in their last year in the B.S. program to take the GRE.

For fall admission to the M.S. portion of the accelerated program, all application materials must be received by February 15 of the same year. For spring admission, the deadline is August 1 of the previous year.

Application materials are the same as the M.S. in Biology:

1. Two official transcripts of undergraduate work from other institutions. Applicants need not supply USF transcripts.
2. Three letters of recommendation
3. A brief essay stating your professional goals
4. GRE scores must be sent to USF directly from the testing agency (USF institution code is 5828).

Graduate Degree Requirements

Students admitted into the M.S. portion of the program must complete all the requirements for the M.S. degree (non-thesis) within three semesters of admission. The requirement is 30 hours of graduate work with at least 16 of these hours completed at the 6000 level; 26 hours must be formally structured courses; and at least 15 hours must be in CMMB courses. Students will be required to take 3 core-courses from the list below as part of these 26 hours. Of the required 26 hours, 9 hours will be derived from the core-CMMB graduate courses listed below (see associated curriculum). These requirements can be partially met by up to 12 hours of graduate courses taken as undergraduates. Any graduate class taken outside of CMMB must be approved by the CMMB Graduate Director. Students should be aware that a B grade or better is required for every graduate class applied to the MS portion of their degree. In addition, students will be required to pass an oral qualifying exam based on a review paper submitted in their final semester. Students must form a committee as part of their action plan to complete their graduate work. This committee will be comprised of at least 3 CMMB faculty, and will serve as the examination committee for the review paper required as part of the M.S. portion of their degree. Upon approval of that paper, students must successfully complete a comprehensive oral exam by their committee.

Timeline and benchmarks:

1. Completion of prerequisite upper division courses and application to the accelerated program. Typically students will be in their junior year.
2. Acceptance into the program and an action plan within a semester of application.
3. Students will take up to 12 credits of graduate credit in CMMB courses following acceptance into the program. Typically these courses will be taken in the latter half of the junior year and in the senior year. BioAdvise will monitor the progress of the students and ensure they follow their action plan. Students who do not complete at least 9 hours of graduate work by graduation will be dropped from the accelerated M.S. program.
4. GRE exams will be taken in a timely manner so scores will be available for admission to the M.S. portion of the program. Students who do not complete the GRE in time will not be admitted to the accelerated M.S. program.
5. Students must apply for admission to the M.S. portion of the program in a timely manner (Fall admission deadline is February 15, Spring deadline is August 1).
6. Students admitted to the accelerated program must form a committee prior to the beginning of their first semester in the M.S. portion of the program and must continue to follow the action plan which will be monitored by BioAdvise.
7. Students admitted to the accelerated M.S. program must complete the requirements within three semesters or will be dismissed from the program.

Model Curriculum for Accelerated Non-thesis M.S./B.S.**Year 1**

BSC 2010, BSC 2011 with labs 8

Year 2

MCB 3410-Cell Metabolism 3

PCB 3063-Genetics and lab 4

PCB 3023-Cell Biology and lab 4

Year 3

PCB 4024-Molecular Biology of the Cell 3

PCB 4026-Molecular Biology of the Gene 3

3 hr graduate elective structured course (5000) 3

Year 4

9 hr graduate elective courses (5000 or 6000) 9

Year 5

18 hr graduate courses

9hr of which must be derived from the list below

BSC6932 Bioinformatics 1-4

BSC6932 Virology 1-4

PCB5525 Molecular Genetics 3

BSC5425 Genetic Engineering 3

PCB6236 Advanced Immunology 4

BSC6932 Prokaryotic Molecular Genetics 1-4

4 hr non-structured (seminar, independent study, laboratory research)

Oral exam and review paper done at the end of year 5

ECOLOGY AND EVOLUTION (EEV)**Offered from the Department of Integrative Biology (IB)****Description:**

See Program listing.

Core Requirement:

EEX 7743 Philosophies of Inquiry 3

Concentration Requirements –17 hours minimum**In addition to the Program requirements, students must complete the following concentration requirements:**

Seventeen (17) credit hours of course work selected from the list below: The graduate student, major professor and

Graduate committee will establish the specific courses for each graduate student. Other courses, not listed below, can be substituted if approved by the Graduate Committee. Specific course training beyond this point will be determined in each individual case by the special needs of the student as decided by the student's Graduate Committee.

BSC 5931 – Conservation Biology 3

BOT 5185 – Marine Botany 4

PCB 6455 – Statistical Ecology 3

PCB 6456 – Biometry I 4

PCB 6458 – Biometry II 3

BSC 5931 – Comparative Approaches in Evolution 3

PCB 6426 – Population Ecology 3

ZOO 5463 – Herpetology	4
ZOO 5456 – Ichthyology	4
BSC 6932 – Advances in Population Biology	1
BSC 6932 – Advances in Ichthyology	1
BSC 6932 – Advances in Herpetology	1
BSC 6932 – Advances in Marine Ecology	1
BSC 6932 – Scientific Writing	2
BSC 6932 – Restoration Ecology	3
BSC 6447 - Community Ecology	3
PCB 6933 – Seminar in Ecology	(variable credit)

ENVIRONMENTAL AND ECOLOGICAL MICROBIOLOGY (EVM)

Offered from the Department of Integrative Biology

Description:

See Program listing.

Core Requirement:

EEX 7743 Philosophies of Inquiry 3

Concentration Requirements –17 hours minimum

In addition to the Program requirements, students must complete the following concentration requirements:

A minimum of 17 credit hours of course work selected from the list below. The graduate student, major professor and graduate committee will establish the specific courses for each graduate student. Other courses, not listed below, can be substituted if approved by the Graduate Committee. Specific course training beyond this point will be determined in each individual case by the special needs of the student as decided by the student's Graduate Committee. Graduate students concentrating in the area of Environmental and Ecological Microbiology will select from the following list of courses:

MCB 5206 – Public Health and Pathogenic Microbiology	3
MCB 5655 – Applied and Environmental Microbiology	3
PCB 5235 – Principles of Immunology	3
MCB 6930 – Seminar in Applied and Ecological Microbiology	1
PCB 5525 – Molecular Genetics	3
BSC 5931 – Genomics	4
PCB 6456 – Biometry I	4
PCB 6458 – Biometry II	3
PCB 6455 – Statistical Ecology	3
BSC 6932 – Advances in Environmental Ecology	1

PHYSIOLOGY AND MORPHOLOGY (PMY)

Offered from the Department of Integrative Biology

Description:

See Program listing.

Core Requirement:

EEX 7743 Philosophies of Inquiry 3

Concentration Requirements –17 hours minimum

In addition to the Program requirements, students must complete the following concentration requirements:

A minimum of 17 credit hours of course work selected from the list below. The graduate student, major professor and graduate committee will establish the specific courses for each graduate student. Other courses, not listed below, can be substituted if approved by the Graduate Committee. Specific course training beyond this point will be determined in each individual case by the special needs of the student as decided by the student's Graduate Committee. Graduate students concentrating in the area of Environmental and Ecological Microbiology will select from the following list of courses:

MCB 5206 – Public Health and Pathogenic Microbiology	3
MCB 5655 – Applied and Environmental Microbiology	3
PCB 5235 – Principles of Immunology	3
MCB 6930 – Seminar in Applied and Ecological Microbiology	1
PCB 5525 – Molecular Genetics	3
BSC 5931 – Genomics	4
PCB 6456 – Biometry I	4
PCB 6458 – Biometry II	3
PCB 6455 – Statistical Ecology	3
BSC 6932 – Advances in Environmental Ecology	1

M.S. in Biology Non-Thesis Option

Non-Thesis - For students enrolled in the non-thesis program, a 30-hour minimum is required at the 5000-6000 level; 26 hours must be in formally structured courses, 16 hours must be at the 6000 level; 15 structured hours must be offered by Biology. A review paper of a topic approved by the supervisory committee is required as well as successful completion of the comprehensive oral qualifying exam after all course work has been completed. For non-thesis master's students, this exam will occur at the end of the program of study.

Comprehensive Oral Qualifying Examination. A comprehensive examination (thesis proposal, seminar/presentation and defense of thesis proposal) is required for all master's students. This examination is open to all departmental faculty. Students must take their comprehensive exam within two semesters of matriculation and the exam is normally taken after the completion of all formal course work. Thesis students must take the examination at least one semester before the thesis is presented. Any graduate work counted toward the requirement for the M.S. degree must be completed within five (5) years after matriculation.

All thesis-based Master's Degree students must present a seminar to the Department of Biology and must be enrolled in BSC 6935, during the final semester. The seminar should be a concise summary of the research completed to satisfy the requirements for the M.S. Degree. The seminar is open to the general public and must be announced two weeks prior to the presentation. Upon completion of the seminar, the general public will be invited to ask questions. At the discretion of the student's graduate committee, members of the committee may continue to question the graduate student after the general public has departed the seminar room. Each student is expected to defend his/her research to the unanimous satisfaction of the graduate committee.

COURSES

For updated list of courses see: <http://www.ugs.usf.edu/sab/sabs.cfm>

BIOLOGY PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: January 1 for full consideration; however applications are accepted to February 15 (U.S. Applicants)
January 1 (International)

Spring: August 1 (U.S. Applicants)
July 1 (International)

Minimum Total Hours: 90

Program Level: Doctoral

CIP Code: 26.0101

Dept Code: BIO

Program (Major/College): BIO AS

Concentrations:

Cell Biology, Microbiology and Molecular Biology (CMM)

Ecology and Evolution (EEV)

Environmental and Ecological Microbiology (EVM)

Physiology and Morphology (PMY)

CONTACT INFORMATION

College: Arts and Sciences
Departments: Cell Biology, Molecular Biology and Microbiology (CMMB)
Integrated Biology (IB)

Contact Information: www.grad.usf.edu

PROGRAM INFORMATION

The Department of Biology was expanded into the Department of Cell Biology, Molecular Biology and Microbiology (CMMB) and the Department of Integrated Biology (IB) in 2009. Each Department has its own Chair and Graduate Director and offers students a Ph.D. degree in Biology with a specific concentration associated with either CMMB or IB. There is no general Biology PhD degree program. The CMMB and IB Departments are located in two modern, well-equipped buildings. Most research in CMMB Department is done by faculty housed in the Bio-Science Facility building (BSF), and most of the research within the IB Department is conducted by faculty housed in the Science Center building (SCA). In addition, the Department has common research facilities in two nearby buildings. Because of the interdisciplinary aspect of most research projects, faculty and graduate students often work together on broad ranging research projects that bring together many of the traditionally separate areas of biology. Many of the faculty within CMMB and IB are involved in cooperative research with their colleagues in Chemistry, Public health, Nursing, Medicine, Geology, Psychology, Geography, Marine Science, and Environmental Science. Often CMMB and IB graduate students have faculty members from these other areas of USF as members of their graduate committees.

Because of the many undergraduate courses that require hands-on experimental laboratories, both CMMB and IB support many graduate students as Teaching Assistants. CMMB and IB values high quality teaching at all levels of instruction. Research Assistant positions also are available to support research with specific faculty members depending on an individual faculty members funding. Numerous scholarship opportunities are also offered on a competitive basis through the USF Graduate School.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas: Cell Biology, Molecular Biology, Cancer Biology, Signal Transduction and Gene Regulation, Developmental Biology, Ecology and Evolution, Environmental and Ecological, Microbiology and Physiology and Morphology, Applied and General Microbiology, Conservation Biology and Coastal Marine Biology, Ecology and Evolution, Environment and Ecological Microbiology, Physiology and Morphology

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Applying to the Department of Cell Biology, Microbiology and Molecular Biology

Students interested in attending graduate school within the CMMB Department should visit the CMMB website that can be accessed from the main USF site and review the current CMMB faculty. It is recommended that potential students consider at least 2-3 CMMB faculty that they would be interested in working with and communicate this information in their letter of application. It is also recommended that potential students contact the CMMB Graduate Director as well as the individual faculty members they are interested in working with via email. Such communication will facilitate the assignment of the laboratory rotations that CMMB students will participate in during their first semester of residency and also allow the applicant to determine whether the desired faculty member has positions available in the laboratory. All students admitted to the PhD concentration in Cell Biology, Microbiology and Molecular Biology must establish a supervisory committee. The supervisory committee shall constitute the major professor and at least three additional credentialed faculty. At least two of the committee members must be faculty members at USF. The supervisory committee must be formed within two semesters after matriculation. The CMMB Graduate Director, CMMB Chair, and the College Associate Dean (or designee) must approve the Supervisory Committee.

Applying to the Department of Integrative Biology

Students interested in attending graduate school within the IB Department should contact potential major professors to communicate their research ideas and establish that the professor will consider the student's application. The IB Department requires that all students admitted into the PhD program have the approval of a major professor. Applicants should contact faculty conducting research in the student's area of interest well in advance of the application deadline. All doctoral degree seeking students must form a Graduate Supervisory committee that consists of four faculty members. The major professor and at least two committee members must be from the IB Department. The Committee must be established within two semesters after matriculation. Failure to do so may be cause for dismissal. The IB Graduate Director, IB Chair, and the College Associate Dean (or designee) must approve the Supervisory Committee.

Program Admission Requirements

- Prospective students must apply to a specific Biology Ph.D. program concentration via the online application process through the USF Graduate School.
- Must have 3.00 GPA last 60 hours of B.S. degree.
- Must have 500V, 600Q, 4.5 AW on GRE.
- All international students are required to submit the TOEFL test. Non-native English speaking graduate students must score a minimum of at least 570 on the paper based or a minimum total score of 79 on the internet-based test TOEFL and at least 50 on the TSE to be eligible for a teaching assistantship.
- For acceptance into the IB Department, acceptance by a faculty member in IB is MANDATORY. IB encourages applicants to contact faculty via email to indicate an interest in the research being conducted in their laboratory. IB will make every effort to pair potential graduate students with appropriate faculty; however it is recommended that applicants make direct contact with individual faculty.
- It is expected that candidates for the PhD degree will have completed courses equivalent to those required for the B.S. in Biology at U.S.F.

DEGREE PROGRAM REQUIREMENTS

The Ph.D. degree requires successful completion of:

1. structured coursework
2. qualifying exam (dissertation proposal, presentation/seminar and defense of dissertation proposal)
3. oral qualifying exam and Admission to Candidacy
4. oral Defense and submission of approved Dissertation

Coursework

A total of 90 credits beyond the baccalaureate must be earned: this includes any graduate credit earned prior to admission to the doctoral program. A minimum of three years of graduate work beyond the Baccalaureate Degree is required.

Twelve (12) hours of graduate work completed while a non-degree seeking student at this institution may be transferred to the doctoral program, with approval of the supervisory committee. At least one academic year of residence must be on the campus. A year of residence is enrollment in a minimum of nine (9) semester credits for two consecutive semesters. The direction and immediate supervision of graduate work for doctoral students resides with the major professor and student's Graduate Supervisory Committee. Graduate students are not admitted to IB unless a major professor has agreed to serve as the student's supervisor. The University imposes limitations on the time period between admission to candidacy and successful completion of degree requirements. *EDITOR'S NOTE: University policy for time limits may be viewed in the Degree Requirements Section of this catalog.*

The CMMB and IB Departments requires that all graduate work applied toward the completion of degree requirements be completed within a seven year period after matriculation. Doctoral students are encouraged to gain teaching experience in at least two undergraduate courses in the department. Overall degree requirements for the Doctor of Philosophy are as follows:

1. Credit hour requirement: A total of 90 semester hour credits beyond the Baccalaureate degree is required. *(including BSC 7910, BSC 7971, BSC 7980 and other structured and unstructured courses approved by CMMB or IB)*
2. Students admitted to the CMMB Department must complete three laboratory rotations during their first semester of residency.
3. A minimum of twenty-four (24) dissertation research credit hours (BSC 7980) is required.
4. Submission of a doctoral proposal and approval by major professor, graduate committee, and graduate director
5. Successful completion of the dissertation proposal, presentation/seminar and preliminary doctoral examination.
6. Presentation requirement: two presentations, excluding the doctoral seminar and defense. Students are expected to present posters or oral presentations based on their dissertation research at national/regional professional meetings. The graduate committee must approve the presentation.
7. Publication requirement: one research paper must be submitted for publication to a refereed scientific journal by the date of the Doctoral Seminar and Defense. The paper may be sole or coauthored, but it must be based on the dissertation research. The student's supervisory committee must approve the paper prior to submission.
8. Submission of an acceptable dissertation
9. Presentation of the doctoral seminar (BSC 7936) and successful defense of the dissertation.

Degree Progress

A student must be registered no fewer than two [2] credit hours) in the college for the semester in which all degree requirements are satisfactorily completed. A student who receives three grades below "B" in structured courses required by the Graduate Supervisory committee will be dropped from the program. Registration in courses entitled Directed Research, or Dissertation must be with the approval of the major professor and must be commensurate with each student's research plan. Students may not register in Dissertation: Doctoral (BSC 7980) until a Supervisory Committee has been formed and a approved Admission to Candidacy on file with the Graduate School . A student who enrolls in courses entitled Dissertation: Doctoral but does not submit a dissertation will not be certified for graduation.

Ph.D. in Biology Course Requirements**Ph.D. in Biology Core (6 credit hrs.)**

BSC 6930 Lectures in Contemporary Biology <i>Enrollment in this course is required during four semesters of residency</i>	1
BSC 7980 Dissertation (24 hours)	

Doctoral Seminar and Defense.

All doctoral students must present a public seminar to the CMMB Department and must be enrolled in BSC 7980, during the semester in which the seminar is given. The seminar should be a concise summary of the research completed to satisfy the requirements for the Ph.D. The seminar is open to the general public and must be announced two weeks prior to the presentation. Upon completion of the seminar, the general public will be invited to ask questions. At the discretion of the student's graduate committee, members of the committee may continue to question the graduate student after the general public has departed the seminar room. Each student is expected to defend his/her research to the unanimous satisfaction of the graduate committee. Following the defense, students will make any editorial modifications to the dissertation as recommended by the supervisory committee and submit the dissertation to the Graduate School.

Additional Requirements

Any graduate work counted toward fulfilling the requirements for the Ph.D. degree must be completed within seven (7) years after matriculation.

CONCENTRATION REQUIREMENTS**CELL BIOLOGY AND MOLECULAR BIOLOGY (CMM)**

Offered from the Department of Cell Biology, Molecular Biology and Microbiology (CMMB)

Description:

See program description

Core Requirement:

BSC 6920 Lectures in Contemporary Biology <i>Enrollment in this course is required during each semester of residency</i>	1
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Concentration Requirements

In addition to the Program requirements, students must complete the following concentration requirements:

BSC 6932 Advances in Scientific Review	2
BSC 6932 Advances in Scientific Writing	2
PCB 6930 Advances in Cell and Molecular Biology	1

Electives* (minimum of 6 credit hrs)

MCB 5206 Public Health and Pathogenic Microbiology	3
MCB 5655 Applied and Environmental Microbiology	3
PCB 5235 Principles of Immunology	3
PCB 6236 Advanced Immunology	3

MCB 5815 Medical Mycology	3
BSC 5931 Molecular Microbial Ecology	3
BSC 5931 Prokaryotic Molecular Genetics	3
MCB 5410 Cellular Microbiology	3
PCB 5256 Developmental Mechanisms	3
BSC 5420 Genetic Engineering and Recombinant DNA Technology	3
PCB 5616 Molecular Phylogenetics	3
PCB 5525 Molecular Genetics	3
PCB 6107 Advanced Cell Biology	4
BSC 5931 Eukaryotic Genomics	3

**The supervisory committee may approve additional courses not listed here.*

CMMB Written Qualifying Exam

All students in the CMMB PhD degree concentration must complete a written qualifying examination. The exam shall be in the format of a grant proposal and contain the following sections:

- Abstract {300 words}
- Specific Aims [1 page]
- Background and Significance of topics [4-5 pages]
- Proposed research program (conducted over 3 year period) [9-10 pages]
- Bibliography (no page limit)

The length of the proposal shall be no more than 15 pages (the abstract and bibliography does not count in the page limit). The topic of the exam shall meet the following guidelines:

- The written proposal *cannot be based in the same model organism* that the student will use to carry out their dissertation research
- The written proposal *cannot be based on the analysis of the same gene/protein* that the student will investigate during their dissertation research
- The written proposal *cannot be based on the analysis of the same pathway* that the student will investigate during their dissertation research

Student shall submit potential topics during the Advances in Scientific Writing course. The Instructor of record will provide deadlines for the submission of these topics as well as the required format. The student's Ph.D. dissertation committee and major professor will approve the topic. No work can be done on the exam until the topic is approved and returned to the student.

Students are required to have an approved topic and complete the SPECIFIC AIMS section of the written qualifying exam during the Advances in Scientific Writing course. This will be during the student's second semester (for those admitted in the fall) or third semester (for those student's admitted in the spring). Successful completion of Advances in Scientific Writing course is required for the student to continue working on the written qualifying exam; otherwise, they must retake the course in a subsequent semester. For students that successfully complete the course, the final version of the written qualifying exam will be due in electronic form to the CMMB Graduate Director no later than **OCTOBER 15th** of the student's third semester (for those admitted in the fall) or fourth semester (for those student's admitted in the spring). ***The proposal is to be an original document prepared and edited by the student.***

Each proposal will be made available to the CMMB faculty. The CMMB Graduate Committee will assign individual proposals to at least a primary and secondary reviewer. The primary reviewer may not be the dissertation advisor of the student that wrote the proposal. When appropriate, a third reviewer may also be utilized. An evaluation rubric will be utilized to assign each proposal an initial "score". Final grading of the proposal will be carried out during a panel discussion of all faculty involved in the review. The CMMB Graduate Director will serve as the mediator of the meeting and will be responsible for distributing the graded exam and faculty comments to the student. Students that do not pass the written exam shall be provided one chance to complete the exam successfully. The timeline and format of any remediation will be determined during the panel discussion.

ECOLOGY AND EVOLUTION (EEV)**Offered from the Department of Integrative Biology (IB)****Description:**

See program description

Core Requirement:

BSC 6930 – Lectures in Contemporary Biology 1
 Repeated four times for 4 credit hours plus 6 additional hours of course work.

Concentration Requirements**In addition to the Program requirements, students must complete the following concentration requirements:**

A minimum of two courses selected from the list below for a minimum of 6 credit hours. The graduate student, major professor and graduate committee will establish the specific courses for each graduate student. Other courses, not listed below, can be substituted if approved by the Graduate Committee. Specific course training beyond this point will be determined in each individual case by the special needs of the student as decided by the student's Graduate Committee.

BSC 5931 – Conservation Biology	3
BOT 5185 – Marine Botany	4
PCB 6455 – Statistical Ecology	3
PCB 6456 – Biometry I	4
PCB 6458 – Biometry II	3
BSC 5931 – Comparative Approaches in Evolution	3
PCB 6426 – Population Ecology	3
ZOO 5463 – Herpetology	4
ZOO 5456 – Ichthyology	4
BSC 6932 – Advances in Population Biology	1
BSC 6932 – Advances in Ichthyology	1
BSC 6932 – Advances in Herpetology	1
BSC 6932 – Advanced in Marine Ecology	1
BSC 6932 – Scientific Writing	2
BSC 6932 – Restoration Ecology	3
BSC 6447 - Community Ecology	3
PCB 6933 – Seminar in Ecology	(variable credit)

IB Qualifying Exam

All students in the IB PhD degree concentration must complete a qualifying examination. Successful completion of the preliminary doctoral examination by the end of the 4th semester. The exam consists of 3 parts:

1. Dissertation proposal
2. Seminar/presentation of proposal
3. Defense of dissertation proposal

Dissertation

BSC 7980 – 24 hours minimum

Submission of a doctoral proposal and approval by major professor, graduate committee, and graduate director. Successful completion of the Dissertation Defense Seminar and an oral exam administered by the Graduate Committee. Seminar requirement: two presentations, excluding the Doctoral Defense Seminar. Students should present posters or oral presentations based on their dissertation research at national/regional professional meetings. The graduate committee must approve the presentation.

Publication Requirement

One research paper must be submitted for publication to a refereed scientific journal by the date of the Doctoral Seminar and Defense. The paper may be sole or coauthored, but it must be based on the dissertation research. The graduate committee must approve the paper prior to submission.

ENVIRONMENTAL AND ECOLOGICAL MICROBIOLOGY (EVM)

Offered from the Department of Integrative Biology (IB)

Description:

See program description

Core Requirement:

BSC 6930 – Lectures in Contemporary Biology 1
Repeated four times for 4 credit hours plus 6 additional hours of course work.

Concentration Requirements

In addition to the Program requirements, students must complete the following concentration requirements:

A minimum of two courses selected from the list below for a minimum of 6 credit hours. The graduate student, major professor and graduate committee will establish the specific courses for each graduate student. Other courses, not listed below, can be substituted if approved by the Graduate Committee. Specific course training beyond this point will be determined in each individual case by the special needs of the student as decided by the student's Graduate Committee. Graduate students concentrating in the area of Environmental and Ecological Microbiology will select from the following list of courses:

MCB 5206 – Public Health and Pathogenic Microbiology	3
MCB 5655 – Applied and Environmental Microbiology	3
PCB 5235 – Principles of Immunology	3
MCB 6930 – Seminar in Applied and Ecological Microbiology	1
PCB 5525 – Molecular Genetics	3
BSC 5931 – Genomics	4
PCB 6456 – Biometry I	4
PCB 6458 – Biometry II	3
PCB 6455 – Statistical Ecology	3
BSC 6932 – Advances in Environmental Ecology	1

IB Qualifying Exam

All students in the IB PhD degree concentration must complete a qualifying examination. Successful completion of the preliminary doctoral examination by the end of the 4th semester. The exam consists of 3 parts:

1. Dissertation proposal
2. Seminar/presentation of proposal
3. Defense of dissertation proposal

PHYSIOLOGY AND MORPHOLOGY (PMY)

Offered from the Department of Integrative Biology (IB)

Description:

See program description

Core Requirement:

BSC 6930 – Lectures in Contemporary Biology 1
Repeated four times for 4 credit hours plus 6 additional hours of course work.

Concentration Requirements

In addition to the Program requirements, students must complete the following concentration requirements:

A minimum of two courses selected from the list below for a minimum of 6 credit hours. The graduate student, major professor and graduate committee will establish the specific courses for each graduate student. Other courses, not listed below, can be substituted if approved by the Graduate Committee. Specific course training beyond this point will be determined in each individual case by the special needs of the student as decided by the student's Graduate Committee.

Graduate students concentrating in the area of Physiology and Morphology will select from the following list of courses:

PCB 6456 – Biometry I	4
PCB 6458 – Biometry II	3
BSC 6932 – Advances in Ichthyology	1
ZOO 5463 – Herpetology	4
ZOO 5456 – Ichthyology	4
ZOO 54xx – Ornithology	3
BSC 6932 – Scientific Writing	2
PCB 5256 – Developmental Mechanisms	3
BSC 6932 – Physiological Ecology	3
BSC 6932 – Advances in Physiology	1
BSC 6932 – Ecoimmunology	3
BSC 5931 – Comparative Approaches in Evolution	3
BSC 5931 – Ecological and Functional Morphology	3
BSC 6932 – Physiology of Movement	3

IB Qualifying Exam

All students in the IB PhD degree concentration must complete a qualifying examination. Successful completion of the preliminary doctoral examination by the end of the 4th semester. The exam consists of 3 parts:

1. Dissertation proposal
2. Seminar/presentation of proposal
3. Defense of dissertation proposal

Admission to Candidacy

The doctoral student is eligible for admission to candidacy after completing structured course requirements, passing the qualifying examination and approval by the supervisory committee. Appropriate forms to document promotion to candidacy must be completed and to the Graduate School. Following admission to candidacy, a student must enroll in BSC 7980 when engaged in research, data collection, or writing activities relevant to the doctoral dissertation. Advisors should assign the number of credits in this course in accordance with policy and appropriate to the demands made on faculty, staff, and University facilities, but in no event will the total number of earned dissertation credits be fewer than 16. Students not admitted to candidacy are not eligible to enroll in BSC 7980.

Additional Requirements

Any graduate work counted toward fulfilling the requirements for the Ph.D. degree must be completed within seven (7) years after matriculation.

Doctoral Seminar and Defense.

All doctoral students must present a public seminar to the CMMB or IB Department and must be enrolled in BSC 7980, during the semester in which the seminar is given. The seminar should be a concise summary of the research completed to satisfy the requirements for the Ph.D. The seminar is open to the general public and must be announced two weeks prior to the presentation. Upon completion of the seminar, the general public will be invited to ask questions. At the discretion of the student's graduate committee, members of the committee may continue to question the graduate student after the general public has departed the seminar room. Each student is expected to defend his/her research to the unanimous satisfaction of the graduate committee. Following the defense, students will make any editorial modifications to the dissertation as recommended by the supervisory committee and submit the dissertation to the Graduate School.

COURSES - For an updated list of course offerings see: <http://www.ugs.usf.edu/sab/sabs.cfm>

CANCER BIOLOGY PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	
U.S.:	February 1
International:	January 2

Minimum Total Hours:	96
Program Level:	Doctoral
CIP Code:	26.0911
Dept Code:	GRS
Program (Major/College):	CNB GS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Cancer Biology

Contact Information: www.grad.usf.edu

PROGRAM INFORMATION

The Moffitt Cancer Center and the University of South Florida have joined together to establish a graduate program focused specifically on Cancer Biology. Tremendous advancement in the detection and treatment of cancer has occurred over the last decade, yet cancer continues to adversely affect millions of people worldwide in terms of quality of life, life span and economic burden.

The Moffitt Cancer Center at the University of South Florida is a leading institution of basic research, clinical research and patient treatment. The Moffitt Cancer Center has received national acclaim and is officially designated as a Comprehensive Cancer Center by the National Cancer Institute of the National Institutes of Health. The Cancer Biology Ph.D. Program's goal is to train the next generation of Cancer researchers. Studies of cancer require specific knowledge in multiple fields that have traditionally been independent. Our Cancer Biology Ph.D. program emulates the Moffitt Cancer Center and eliminates these boundaries. Students will receive cancer-oriented training in: molecular biology, immunology, functional genomics, bioinformatics, drug discovery & development, cancer genetics, cancer prevention & control, cancer therapeutics, cell biology, biochemistry, proteomics chemistry.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

- Extensive background in field of biology or chemistry
- GRE required for full consideration
- GPA of at least 3.0 or greater
- Advanced coursework and research experience preferred

DEGREE PROGRAM REQUIREMENTS

Course Requirements:

All students are required to successfully complete the Cancer Biology Program Core Courses. In addition, students must successfully complete at least one elective course that has been approved by the Cancer Biology Education Committee. These elective courses are offered through Departments within the College of Medicine, Engineering, and Arts and Sciences. Dissertation Committees may also require students to take additional course work if needed to correct deficiencies. In special circumstances the Cancer Biology Education Committee can waive course requirements, if the student has recently completed identical coursework elsewhere. Students are required to achieve a minimum GPA of B in all Cancer Biology Core courses and an overall GPA of 3.0 (B) in order to remain in good standing.

Stipends:

All Cancer Biology Ph.D. students in good standing will receive a highly competitive stipend (\$22,600 for 2008 first year students) An annual cost of living increase is provided to students starting in their second year of study. Please visit the Program's website for current stipend levels. Students also receive health insurance coverage and direct payment in full of all required tuition and required fees. All students are highly encouraged to apply for funding from outside sources.

Total Minimum Hours: 96

CORE REQUIREMENTS

Required Cancer Biology Core Courses (15 hours minimum)

BSC 6056	Cancer Research Techniques	
PCB 6230	Cancer Biology I	4
PCB 6231	Cancer Biology II	4
PCB 6910	Cancer Laboratory Rotations	1-3
BSC 7911	Directed Research	1-12
PCB 6931	Advances in Cancer Biology	2
PCB 6930	Current Topics in Oncology	2
BSC 6939	Selected Topics in Cancer Biology- Cancer Genetics	1

Qualifying Exam

Dissertation

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

CHEMISTRY PROGRAM (NON-THESIS OPTION)

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 1

Minimum Total Hours:	30
Program Level:	Masters
CIP Code:	40.0501
Dept Code:	CHM
Program (Major/College):	CHA AS

Concentrations:

Analytical Chemistry, Biochemistry, Computational Chemistry, Environmental Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Polymer Chemistry

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Chemistry

Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu http://chemistry.usf.edu

PROGRAM INFORMATION

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

In addition to the five (5) traditional areas, research opportunities also are available in such interdisciplinary and specialized areas as Bio-organic and Bio-inorganic Chemistry, Environmental Chemistry, Nuclear Magnetic Resonance Spectroscopy, Computer Modeling, Polymers, Photochemistry, Marine Chemistry, Medicinal Chemistry, Electrochemistry, Nucleic Acid Chemistry, and Enzymology.

The Department of Chemistry offers Doctor of Philosophy, Master of Science, and Non-thesis Master of Arts degrees. The Chemistry graduate faculty is comprised of 24 full-time senior faculty members, all holding 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 that can be tailored to fit individual needs, while maintaining a sound background in all general aspects of Chemistry. The excellent research facilities and very low student-faculty ratio combine to afford unique opportunities for advanced study in Chemistry.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Applicants must have earned a BA or BS degree in Chemistry.* In addition, applicants must have

- a combined score of 430V, 570Q, 3.0AW on the GRE. Subject exam is recommended, but not required.
- a minimum of a 3.00 grade point average in the last two years of chemistry coursework

- letters of recommendation from at least three or more people who know the student's academic background
- and for applicants whose native language is not English, a minimum of 550 on the TOEFL exam and for such applicants a minimum of 50 on the TSE if also applying for an assistantship.

*Applicants with other degrees will be considered on a case by case basis.

International students follow USF International Admissions deadlines. Domestic students rolling admission.

DEGREE PROGRAM REQUIREMENTS

General Program Requirements

Graduate students must maintain an overall grade point average (GPA) of 3.00 (B) in all courses. Any graduate student who falls below a 3.00 GPA at the end of any given semester will be placed on academic probation and has the next two semesters (excluding summers) to remedy the situation before being dismissed from the program. No grade below "C" will be accepted toward a graduate degree, but will be used in the computation of the overall GPA.

Enforcement of Minimum Standards

The Graduate Council shall be responsible for ensuring that all graduate students meet the minimum standards as set down in the Graduate Student Handbook. The Graduate Coordinator will periodically review the standing of each student with regard to grade point average (GPA), academic progress, and (in the case of teaching assistants) teaching performance and notify the Graduate Council as necessary. Should disciplinary action appear in order, the student's major professor will be consulted (in order to obtain as many relevant facts as possible) before such action is taken.

Probation

Students who fail to meet the minimum GPA (3.00 for all graduate courses) shall be placed on probation. The student's GPA must meet the minimum of 3.00 by the end of the semester in which probation was initiated or termination from the graduate program will result.

Appeals

In actions based on departmental requirements, petitions and appeals shall be directed to the Chemistry Graduate Council through the student's major professor. (In case of a student who has not yet selected a major professor, the appeal may be carried out through the Graduate Coordinator or through some other chemistry faculty member selected by the student.) Unsuccessful appeals to the Chemistry Graduate Council may be further carried to the chemistry faculty as a whole, and from there to the Dean of the College and then to the University Graduate Council if necessary.

Minimum Grades in Courses

Although all grades in graduate level courses will be used in computing the student's GPA, no grade below "C" may be counted toward fulfillment of the approved course of study. Consequently, any such course in which a student receives a grade below "C" must be repeated, or have the requirement waived by the Supervisory Committee. A student who receives three grades lower than a "B" in structured courses required by his supervisory committee to meet the structured course requirement will be dropped from the program. A student who receives a grade of "U" while a chemistry graduate student will be placed on automatic probation. A second "U" grade is grounds for termination from the Program, and the Chemistry Graduate Council will automatically review the student's status. Students on probation are not excluded from having a teaching assistantships during the probationary semester.

Seminars

All chemistry graduate students must satisfy the following minimum requirements for CHM 6935:

- enrollment every semester of the regular academic year during his/her career as a graduate student, or
- enrollment in seven (7) credit hours for the Ph.D.; four (4) credit hours for the Master's degree. A maximum of two unexcused absences will be permitted each semester, whichever is less. Under exceptional circumstances, students may petition for a waiver on a semester-by-semester basis if employment or other obligations conflict with the requirement.

Master's Degree General Requirements

Students must meet all degree requirements as specified by the Graduate School. Study for the M.A and the M.S. should take between two and three calendar years beyond the baccalaureate degree to complete. Specific requirements include: a minimum of thirty (30) credit hours beyond the baccalaureate degree; sixteen (16) hours must be at the 6000 level.

M.A. in Chemistry (Non-Thesis Option)**Program Requirements**

- a) 26 hours must be in formally structured courses approved by the student's committee.
- b) Preparation of a review paper on a topic approved by the supervisory committee. The final paper must be approved by the supervisory committee.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

CHEMISTRY PROGRAM

Master of Science (M.S.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 1

Minimum Total Hours:	30
Program Level:	Masters
CIP Code:	40.0501
Dept Code:	CHM
Program (Major/College):	CHM AS

Concentrations:

Analytical Chemistry (ACH), Biochemistry (BCH), Computational Chemistry (CPC), Environmental Chemistry (EVC), Inorganic Chemistry (IOG), Organic Chemistry (OCH), Physical Chemistry (PCH), Polymer Chemistry (POC)

Also offered as a 5-year Program

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Chemistry

Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The Department of Chemistry offers Doctor of Philosophy, Master of Science, and Non-thesis Master of Arts degrees. The Chemistry graduate faculty is comprised of 24 full-time senior faculty members, all holding 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 that can be tailored to fit individual needs, while maintaining a sound background in all general aspects of Chemistry. The excellent research facilities and very low student-faculty ratio combine to afford unique opportunities for advanced study in Chemistry.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

In addition to the five (5) traditional areas, research opportunities also are available in such interdisciplinary and specialized areas as Bio-organic and Bio-inorganic Chemistry, Environmental Chemistry, Nuclear Magnetic Resonance Spectroscopy, Computer Modeling, Polymers, Photochemistry, Marine Chemistry, Medicinal Chemistry, Electrochemistry, Nucleic Acid Chemistry, Enzymology, Materials Chemistry and Chemical Education.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Applicants must have earned a B.A. or BS degree in Chemistry.* In addition, applicants must have

- official transcripts
- a GRE score of 430V, 570Q, 3.0 AW The subject exam is recommended, but not required.

- a minimum of a 3.00 grade point average in the last two years of chemistry coursework
- letters of recommendation from at least three or more people who know the student's academic background
- and for applicants whose native language is not English, a minimum of 550 on the TOEFL exam and for such applicants a minimum of 50 on the TSE if also applying for an assistantship.

*Applicants with other degrees will be considered on a case by case basis.

International students follow USF International Admissions deadlines. Domestic students rolling admission.

DEGREE PROGRAM REQUIREMENTS

General Program Requirements

Graduate students must maintain an overall grade point average (GPA) of 3.0 (B) in all courses. Any graduate student who falls below a 3.0 GPA at the end of any given semester will be placed on academic probation and has the next two semesters (excluding summers) to remedy the situation before being dismissed from the program. No grade below "C" will be accepted toward a graduate degree, but will be used in the computation of the overall GPA.

Enforcement of Minimum Standards

The Graduate Council shall be responsible for ensuring that all graduate students meet the minimum standards as set down in the Graduate Student Handbook. The Graduate Coordinator will periodically review the standing of each student with regard to grade point average (GPA), academic progress, and (in the case of teaching assistants) teaching performance and notify the Graduate Council as necessary. Should disciplinary action appear in order, the student's major professor will be consulted (in order to obtain as many relevant facts as possible) before such action is taken.

Probation

Students who fail to meet the minimum GPA (3.0 for all graduate courses) shall be placed on probation. The student's GPA must meet the minimum of 3.0 by the end of the semester in which probation was initiated or termination from the graduate program will result.

Appeals

In actions based on departmental requirements, petitions and appeals shall be directed to the Chemistry Graduate Council through the student's major professor. (In case of a student who has not yet selected a major professor, the appeal may be carried out through the Graduate Coordinator or through some other chemistry faculty member selected by the student.) Unsuccessful appeals to the Chemistry Graduate Council may be further carried to the chemistry faculty as a whole, and from there to the Dean of the College and then to the University Graduate Council if necessary.

Minimum Grades in Courses

Although all grades in graduate level courses will be used in computing the student's GPA, no grade below "C" may be counted toward fulfillment of the approved course of study. Consequently, any such course in which a student receives a grade below "C" must be repeated, or have the requirement waived by the Supervisory Committee. A student who receives three grades lower than a "B" in structured courses required by his supervisory committee to meet the structured course requirement will be dropped from the program. A student who receives a grade of "U" while a chemistry graduate student will be placed on automatic probation. A second "U" grade is grounds for termination from the Program, and the Chemistry Graduate Council will automatically review the student's status. Students on probation are not excluded from having a teaching assistantships during the probationary semester.

Seminars

All chemistry graduate students must satisfy the following minimum requirements for CHM 6935: enrollment every semester of the regular academic year during his/her career as a graduate student, or enrollment in seven (7) credit hours for the Ph.D.; four (4) credit hours for the Master's degree. A maximum of two unexcused absences will be permitted each semester, whichever is less. Under exceptional circumstances, students may petition for a waiver on a semester-by-semester basis if employment or other obligations conflict with the requirement.

Master's Degree General Requirements

Students must meet all degree requirements as specified by the Graduate School. Study for the M.A and the M.S. should take between two and three calendar years beyond the baccalaureate degree to complete. Specific requirements include: a minimum of thirty (30) credit hours beyond the baccalaureate degree; sixteen (16) hours must be at the 6000 level.

Program Requirements

- a) 20 hours of formally structured courses approved by the student's committee
- b) a research project resulting in a written thesis
- c) an oral thesis defense, which will serve as the final comprehensive examination required by the Graduate School

A graduate student working on a master's degree in a program that requires a thesis must register in course CHM 6973 or CHM 6971 when engaged in research, data collection, or writing activities relevant to the master's thesis. The number of credits in these courses must be appropriate to the demands made on faculty, staff, and university facilities. *Editor's note: for information on the University's enrollment policy relevant to a thesis, refer to the enrollment section of the Academic Policies in this catalog.*

Final Thesis Defense

Each student should consult with their supervisory committee for deadlines in submitting the thesis prior to the defense. Thesis or dissertation defense are not normally scheduled during final exam week or during the weeks between regularly scheduled sessions. The thesis defense must be scheduled through the Chemistry Graduate Office at least two weeks in advance. The Chemistry Graduate Office will then announce the defense to the entire Chemistry Department. The candidate normally defends their thesis in the fourth or fifth year. *EDITOR'S NOTE: these deadlines are in addition to those imposed by the Graduate School. The Graduate School sets deadlines pertaining to thesis/dissertations each semester.*

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

CHEMISTRY PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 1
Summer:	January 1

Minimum Total Hours:	90
Program Level:	Doctoral
CIP Code:	40.0501
Dept Code:	CHM
Program (Major/College):	CHM AS

Concentrations:

Analytical Chemistry (ACH), Biochemistry (BCH), Computational Chemistry (CPC), Environmental Chemistry (EVC), Inorganic Chemistry (IOG), Organic Chemistry (OCH), Physical Chemistry (PCH), Polymer Chemistry (POC)

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Chemistry
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The Department of Chemistry offers Doctor of Philosophy, Master of Science, and Non-thesis Master of Arts degrees. The Chemistry graduate faculty is comprised of 19 full-time senior faculty members, all holding 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 that can be tailored to fit individual needs, while maintaining a sound background in all general aspects of Chemistry. The excellent research facilities and very low student-faculty ratio combine to afford unique opportunities for advanced study in Chemistry.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

In addition to the 5 traditional areas, research opportunities also are available in such interdisciplinary and specialized areas as Bio-organic and Bio-inorganic Chemistry, Environmental Chemistry, Nuclear Magnetic Resonance Spectroscopy, Computer Modeling, Polymers, Photochemistry, Marine Chemistry, Medicinal Chemistry, Electrochemistry, Nucleic Acid Chemistry, and Enzymology.

The Department of Chemistry offers Doctor of Philosophy, Master of Science, and Non-thesis Master of Arts degrees. The Chemistry graduate faculty is comprised of 24 full-time senior faculty members, all holding 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 that can be tailored to fit individual needs, while maintaining a sound background in all general aspects of Chemistry. The excellent research facilities and very low student-faculty ratio combine to afford unique opportunities for advanced study in Chemistry.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Applicants must have earned a B.A. or BS degree in Chemistry. Applicants with other degrees will be considered on a case by case basis. In addition, applicants must have

- official transcripts
- a GRE score of 430V, 570Q, 3.0 AW. The subject exam is recommended, but not required
- a minimum of a 3.00 grade point average in the last two years of chemistry coursework
- letters of recommendation from at least three or more people who know the student's academic background
- and for applicants whose native language is not English, a minimum of 550 on the TOEFL exam and for such applicants a minimum of 50 on the TSE if also applying for an assistantship

International students follow USF International Admissions deadlines. Domestic students rolling admission.

DEGREE PROGRAM REQUIREMENTS

Students with only a Bachelors degree must take 4 ACS entrance exam (with an option to take Biochemistry or Analytical and a requirement to take core exams in Organic, Inorganic, and Physical Chemistry). They must obtain at least the national median ACS score in the required core exams to pass. If they fail, they have the option to retake the exam or remediate the deficiency by obtaining at least B (not a B-) in one of our upper-division undergraduate courses (or by taking the exams in the appropriate course and obtaining the equivalent grade) in the area of the deficiency before their candidacy exam. Students with a Masters degree may be required to adhere to the policy at the discretion of the Graduate Council at the time of acceptance. Entering students will have a Promotion to Candidacy Committee established upon entering the Ph.D. Program. The Committee advises students as to what courses they need to take in their first semester. There are no set course requirements, but the decision of the Committee is binding. Students will normally be expected to take the first semester of the first year covering "Tools of Research," including literature search and analysis, proposal writing, oral presentation skills, and laboratory instrumental techniques. The second semester of the course may be required by a student's promotion to Candidacy committee. Advanced courses in other subject areas may be assigned by the Committee, where appropriate. Final coursework decisions are made by the candidate's research advisor.

Advisor Selection

Students need to choose a pre-Ph.D. candidate research adviser by the beginning of the second semester to begin pre-candidate research in that laboratory (See below). The student will then proceed to initiate a research project by the beginning of the second semester and through the first summer of study. Selection of a research advisor is one of the most important decisions a student will make during the graduate career. In order to avoid hasty or poorly founded decisions each student must discuss potential research projects with at least three members of the chemistry faculty. Appropriate forms can be obtained from the Chemistry Graduate Office and should be completed and returned no later than the end of the second semester (excluding summer semester) after entering the program.

Promotion to Candidacy

At the conclusion of the first year (before the start of the third semester), a written research document outlining progress to date and future plans is submitted to and approved by the Promotion to candidacy Committee. This proposal is subsequently defended in front of the committee. A successful defense results in Promotion to Ph.D. Candidacy, contingent upon the student being formally accepted into a research group. The committee must vote three quarters in favor of the candidate (for a four person committee) or two thirds in favor (for a three person committee) for a pass. A vote of two or four members (or one of three) in favor results in a conditional pass, and the committee must set conditions to be met to promote the student within 30 days of the first meeting. At the discretion of the committee, the student not promoted to candidacy may be given a pass at a JM.A. level of competency and proceed to obtain a terminal research master's degree or be terminated from the program. Appropriate forms to document promotion to candidacy must be completed and forwarded to the Graduate School. The forms may be obtained from the Chemistry Graduate Office.

Dissertation Committee

Upon promotion the candidate must formally choose and declare a research adviser and a dissertation committee must be established initially with at least three members. An additional committee member from outside the department or university must be added before the final defense. The research advisor chairs the committee.

Original Research Proposal

An original research proposal must be written and defended by the end of the first semester of the third year. At the discretion of the research adviser, the student's original research proposal may or may not be related to the student's current or future research. The student must be informed of the research adviser's preference in advance of seeking approval for the thesis topic. The dissertation committee formally approves the proposal and its defense. The candidate should meet with the dissertation committee members (individually or as a group) to discuss the proposal topic. The original research proposal should follow the format of a major federal granting agency appropriate to the nature of the proposed research. The format of the proposal, in conjunction with the topic, should be approved in advance by the dissertation committee. The written proposal must be given to the dissertation committee members two weeks in advance of the scheduled defense. After the defense, the committee must vote three quarters in favor of the candidate (for a four person committee) or two thirds in favor (for a three person committee) for a pass. A vote of two of four members (or one of three) in favor results in a conditional pass, and the committee must set conditions to be met to pass the candidate within 30 days of the first meeting. Students not passing will normally be terminated from the Ph.D. program.

Research Data Presentation and Dissertation

By the end of the fourth year, a research data presentation must be made to dissertation committee and the committee formally advises the candidate on research milestones that need to be met before permission to "write up" the dissertation is granted. The permission to "write up" the dissertation can be given at any subsequent time. A peer-reviewed publication based upon the dissertation research is required to obtain the degree of Ph.D. Note: Extenuating circumstances will be reviewed on a cases-by-case basis. Further, students have to wait a minimum of 6 months after successful completion of the Research Data Presentation (aka Data Defense) (and the associated online data base forms) before they will be permitted to defend their dissertation. This rule can only be waived by the Department Chair with the written approval of the majority of the Thesis Committee in the case of exceptional circumstances.

Final Dissertation Defense

Each student should consult with their supervisory committee for deadlines in submitting the dissertation prior to the defense. Thesis or dissertation defense are not normally scheduled during final exam week or during the weeks between regularly scheduled sessions. The dissertation defense must be scheduled through the Chemistry Graduate Office at least two weeks in advance. The Chemistry Graduate Office will then announce the defense to the entire Chemistry Department. The candidate normally defends their dissertation in the fourth or fifth year. *NOTE: these deadlines are in addition to those imposed by the Graduate School. The Graduate School sets deadlines pertaining to thesis/dissertations each semester.*

Candidates may be offered a departmental TA position in year five given satisfactory progress in research as judged by the dissertation committee and approval of the Department Chair, TA's are not normally awarded beyond year 5. RA's are only permitted beyond year six in exceptional cases with the written approval of the department chair. It is important to note that the Graduate School will not award tuition waivers for credit hours beyond 120 for students entering with a baccalaureate degree and 90 for students entering with a master's degree.

Supervisory Committees

The M.S. and M.A. supervisory committee should consist of at least three members including the major professor, and two other chemistry faculty members, at least one of whom is outside the student's major area (analytical, biochemistry, etc.) According to University Regulations, the Ph.D. supervisory committee must consist of at least four (4) members, including the student's research director. At least two (2) of the members must be from an area related to the student's research.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

CLASSICS: LATIN/GREEK PROGRAM

Co-Op with University of Florida Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:
Application is made through University of Florida

Minimum Total Hours: n/a
Program Level: Masters
CIP Code: 16.1200
Dept Code: WLE
Program (Major/College): CLS AS

CONTACT INFORMATION

College: Arts and Sciences
Department: World Language Education

Contact Information: www.grad.usf.edu
Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

Joint Co-op program with University of Florida

Accreditation:
Contact Program for information.

ADMISSION INFORMATION

Admission through the University of Florida.

DEGREE PROGRAM REQUIREMENTS

Check with Program for information.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

COMMUNICATION PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	January 15
Spring:	October 15

Minimum Total Hours:	36
Program Level:	Masters
CIP Code:	23.1001
Dept Code:	SPE
Program (Major/College):	SPE AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Communication

Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The Department of Communication offers a broad and integrated approach to communication studies that embraces the traditions of the humanities, the convergence of rhetorical and communication theory, and the relations among aesthetic, humanistic, and scientific approaches to inquiry. Students are encouraged to examine the pragmatics of rhetorical and communication theory in such settings as business and industry, government, education, medicine and health care, media, the arts, and the family. The department offers course work leading to the Master of Arts degree and the Doctor of Philosophy.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university requirements, plus

- two letters of recommendation;
- a writing sample,
- a statement of purpose.
- GRE Scores are required, with at least 500V
- TOEFL Scores
- Transcripts
- CV or resume

DEGREE PROGRAM REQUIREMENTS

Total minimum hours – 36
Core Requirements (3 hours)

COM 6001 (3)

This course must be taken the first time it is offered after the student is admitted to the graduate program.

Requirements

- 1) Establish a supervisory faculty committee consisting of a major professor and two additional members, at least one of whom is a member of the Department of Communication. The supervisory committee must be approved by the Director of Graduate Studies.
- 2) Select a program option, either Thesis or Non-Thesis.

Thesis Program (36 hours) - In addition to the three (3) hours of core requirements, each student must also take COM 7325 either Qualitative Methods OR Critical Methods and complete 24 hours of elective course work, six (6) hours of which may consist of a course or courses from other departments and must have advisor approval. Each student must complete at least six (6) hours of thesis credit (SPC 6971) and submit an approved thesis.

Non-Thesis Program (36 hours) - In addition to the three (3) hours of core requirements, 33 hours of elective course work are required, six (6) hours of which may consist of courses from other departments and must have advisor approval.

- 3) Prepare a Plan of Study approved by the student's supervisory committee. The Plan of Study expresses the ways in which the student will show evidence of the following:
 - a) expertise in one or more of the central domains of communication study
 - b) expertise in the research methodologies needed to carry out original research in the specialized area of concentration (Thesis Program students only)

Comprehensive Exam Requirements

All Non-Thesis program students must pass both written and oral comprehensive examinations. Thesis Program students do not complete comprehensive exams.

Total Thesis Hours Required

A minimum of six (6) thesis hours are required (Thesis Program students only).

Thesis Requirements

In consultation with the major professor, Thesis Program students will select a thesis topic, constitute a thesis committee, and write orally defend a thesis proposal. The thesis is an extended research project within a specific area of communication research culminating in a written academic analysis. Upon completion of the thesis, the student must pass an oral defense.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

COMMUNICATION PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: January 15
Fall admission only.

Minimum Total Hours: 90

Program Level: Doctoral

CIP Code: 23.1001

Dept Code: SPE

Program (Major/College): SPE AS

CONTACT INFORMATION

College: Arts and Sciences

Department: Communication

Contact Information: www.grad.usf.edu

PROGRAM INFORMATION

The Department of Communication offers a broad and integrated approach to communication studies that embraces the traditions of the humanities, the convergence of rhetorical and communication theory, and the relations among aesthetic, humanistic, and scientific approaches to inquiry. Students are encouraged to examine the pragmatics of rhetorical and communication theory in such settings as business and industry, government, education, medicine and health care, media, the arts, and the family. The Department offers course work leading to the Master of Arts degree and the Doctor of Philosophy.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university requirements, plus

- three letters of recommendation;
- a writing sample,
- a statement of purpose
- GRE Scores are required with at least 500V
- TOEFL Scores
- Transcripts
- CV or resume

DEGREE PROGRAM REQUIREMENTS

Core Requirements (6 hours)

COM 6001 (3) COM 7325 (3) either Qualitative Methods OR Critical Methods

In addition to the six (6) hours of core requirements, students are required to take a minimum of 39 hours of coursework beyond the M.A. degree (not counting credits for dissertation research).

1. Establish a supervisory faculty committee consisting of a major professor and at least two additional members from the Department of Communication and at least one member outside the Department of Communication. The supervisory committee must be approved by the Director of Graduate Studies..
2. Prepare a Plan of Study approved by the student's supervisory committee. The Plan of Study expresses the ways in which the student will show evidence of the following:
 - expertise in one of the central domains of communication study;
 - expertise in the research methodologies needed to carry out original research in the specialized area of concentration and;
 - 6 hours of coursework in an area of study outside the department.
3. Enroll in and successfully complete a minimum of four (4) sections (12 hours) of COM 7933 classes designated as "**Ph.D. seminars**" during coursework.
4. In addition to COM 7325, complete an additional six (6) hours of coursework to fulfill the research tool requirement. If students elect to take both Qualitative and Critical Methods, they must take an additional methods course (3 hours) subject to the approval of their major professor.

Qualifying Exam Requirement

All students must pass a written and oral qualifying examination covering the student's area of specialization and methodological competence. This examination will be prepared and evaluated by the student's supervisory committee

Total Dissertation Hours Required

A minimum of six (6) dissertation hours are required.

Dissertation Requirements

In consultation with the major professor and supervisory committee, students will select a dissertation topic and write and orally defend a dissertation proposal. Upon completion of the dissertation, the student must pass an oral defense.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

CREATIVE WRITING PROGRAM

Master of Fine Arts (M.F.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:
Fall: January 15 for fall only

Minimum Total Hours: 45
Program Level: Masters
CIP Code: 23.0501
Dept Code: ENG
Program (Major/College): CWR AS

Concentrations:

Fiction
 Poetry

CONTACT INFORMATION

College: Arts and Sciences
Department: English

Contact Information: www.grad.usf.edu
Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

The **Master of Fine Arts in Creative Writing** is a graduate-level program offering concentrations in fiction and poetry (with the opportunity to study other genres of writing such as screenwriting and creative nonfiction). The program emphasizes the craft of writing and concentrates on the student's original work. The MFA requires 45 hours of coursework and typically will take three years for the student to complete. Our goal is to help MFA students to produce publishable theses and secure teaching or editing positions upon graduation.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Application deadline: January 15th. Students accepted into the program will begin coursework in the fall. No applications will be considered for spring or summer admission. To be considered for admission to the Master of Fine Arts degree program in Creative Writing, the following requirements must be met:

- an undergraduate degree, preferably in English, from an accredited institution, with a 3.2 average, or its equivalent
- a score in the 73rd percentile or better on the verbal reasoning section of the Graduate Record Examination general test (typically 550 or better) and at least 4 on the analytical writing section. International applicants must also take the Test of English as a Foreign Language (TOEFL) and must score at least 600
- three letters of recommendation, preferably from former English instructors, assessing the student's potential to do graduate level work
- a writing sample in one genre only: 12-20 pages of double-spaced fiction; 12-20 pages of double-spaced creative nonfiction, or 10-15 pages of single-spaced poetry
- a two-to-three page personal statement, describing the student's background, purpose for attending graduate school, and career goals

- a completed application submitted to the Graduate Admissions Office

All supplementary application materials (i.e., statement, writing sample, and letters of recommendation) should be submitted directly to the department at the following address

Graduate Director
Department of English, CPR107
University of South Florida
4204 Fowler Ave.
Tampa, FL 33620-5550

Materials including GRE scores and transcripts must be received by the application deadline in order for students to be considered for admission. Graduates of USF do not need to order official transcripts. Applications are reviewed by an admissions committee after the deadline. Students will be notified by mail of the admissions decision with four to six weeks after the deadline.

DEGREE PROGRAM REQUIREMENTS

To complete the Master of Fine Arts in Creative Writing, students must satisfy the following requirements:

Total Minimum Hours: 45 hours
Earn 45 credit hours with an overall grade point average of 3.0 or better in the required courses. The distribution of the requirements will be

- 18 hours in writing workshops and craft seminars
- 3 hours in pedagogy
- 3 hours in bibliographic studies
- 12 hours in literature courses, and
- 9 hours in thesis studies (taken in the final year of the program).

Complete a book-length manuscript in creative nonfiction, fiction, or poetry that will meet departmental and university requirements for the thesis. The thesis shall consist of 48-64 pages of poems (single- or double-spaced), at least 100 pages of fiction (double-spaced) or at least 100 pages of creative nonfiction (double-spaced). . All students must write a three- to ten-page introduction to their thesis that explains their goals for the work.

Six courses (18 hours) chosen from:

CRW 6130 Fiction Writing	3*
CRW 6331 Poetry Writing	3*
CRW 6236 Nonfiction Writing	3*

*may be taken up to three times for a maximum of 9 credits.

CRW 6025 The Craft of Fiction	3
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Required for students admitted to the fiction concentration, optional for students admitted to the poetry concentration and nonfiction tracks.

CRW 6352 The Craft of Poetry	3
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Required for students admitted to the poetry concentration; optional for students admitted to the fiction concentration and nonfiction tracks.

CRW 6025 The Craft of Nonfiction 3
 Required for students admitted to the nonfiction track, optional for students admitted to the fiction and poetry concentrations.

CRW 6025 Special Topics in Creative Writing 3
 This new course might concentrate on screenwriting, translation, editing, creative writing pedagogy (with a community service component), or study of a particular genre or technique.

CRW 6025 Practice in Teaching Creative Writing 3

ENG 6009 Introduction to Graduate Studies 3
 This course must be taken in the student's first or second semester of graduate studies.

Electives (12 hours)

Four courses in any combination of graduate-level (6000 and above) literature courses offered by the English Department. These courses are coded AML 6---, ENL 6---, and LIT 6---.

Sample courses include:

AML 6017	Studies in American Literature to 1860	3
AML 6018	Studies in American Literature 1860-1920	3
AML 6027	Studies in Modern American Literature	3
AML 6608	Studies in African-American Literature	3
ENL 6206	Studies in Old English	3
ENL 6216	Studies in Middle English	3
ENL 6226	Studies in Sixteenth-Century British Literature	3
ENL 6228	Studies in Seventeenth-Century British Literature	3
ENL 6236	Studies in Restoration and Eighteenth-British Literature	3
ENL 6246	Studies of the English Romantic Period	3
ENL 6256	Studies in Victorian Literature	3
ENL 6276	Studies in Modern British Literature	3
LIT 6096	Studies in Contemporary Literature	3
LIT 6105	Studies in Continental Literature	3
LIT 6934	Selected Topics in English Studies	3

Thesis (9 hours)

ENG 6971 Thesis: Master's (9 hours total) — taken in the student's final year of study. The student must be registered in at least 3 hours of ENG 6971 during the semester prior to graduation.

Graduate Certificate

For information on Graduate Certificates please visit <http://www.outreach.usf.edu/gradcerts/>

English Graduate Certificates Offered:

Creative Writing	—contact Professor Rita Ciresi at rciresi@cas.usf.edu
Comparative and Interdisciplinary Literary Studies	— contact Dr. Susan Mooney at smooney@cas.usf.edu
Teaching Composition	— contact Dr. Debra Jacobs at djacobs@cas.usf.edu

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

ECONOMICS PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	June 1
Spring:	October 15
Summer:	No admission

Minimum Total Hours:	30
Program Level:	Masters
CIP Code:	45.0601
Dept Code:	ECN
Program (Major/College):	ECO AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Economics
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The M.A. in Economics prepares students for careers as professional economists in business and government. It is also excellent preparation for continued graduate study in economics.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools (SACS)

Major Research Areas:

Health economics, public economics, urban and regional economics, international trade, economic development, history of economic thought, industrial organization, advanced microeconomics, and advanced econometrics

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

- Must have a 3.00 or higher upper-level GPA.
- Must have a 500 or higher GMAT; or GRE score of 430 or higher verbal portion and 570 or higher quantitative portion.
- International applicants from non English-speaking countries must also have a TOEFL score of 550 or higher on the written version, a minimum score of 213 on the computer-based test or a 79 on the internet-based test.
- Must have at least a 3.0 GPA in prerequisite courses in intermediate microeconomics, intermediate macroeconomics, statistics, and calculus.

DEGREE PROGRAM REQUIREMENTS

Program Minimum hours: 30

All students are required to take courses in advanced economic theory and econometrics. Undergraduate economics majors at USF may complete the program in one year beyond the B.A. in the 5-Year B.A./M.A. Program. Students

preparing for doctoral studies select from these and additional courses in economic theory, mathematics, and quantitative methods. Where appropriate students may select courses in other departments in the University.

Students must satisfy all University requirements for the M.A. degree. Departmental requirements include 30 hours of graduate credit selected with the approval of the department's graduate advisor. At least 24 hours must be in Economics not including Independent Study (ECO 6906) and Directed Research (ECO 6917). To graduate, a student must have at least an overall 3.0 GPA and at least a 3.0 GPA for all economics courses, and pass an oral examination.

Core Requirements		12 hours
ECO 6115	Microeconomics I	3
ECO 6206	Aggregate Economics	3
ECO 6405	Mathematical Economics I	3
ECO 6424	Econometrics I	3

Electives		18 hours
Economics		at least 12 credits
Unrestricted		at most 6 credits

Economics electives must be drawn from the following set of graduate-level courses offered in the Department of Economics:

ECO 6120	Economic Policy Analysis	3
ECO 6305	History of Economic Thought	3
ECO 6425	Econometrics II	3
ECO 6505	Public Finance	3
ECO 6525	Public Sector Economics	3
ECO 6706	International Trade: Theory and Policy	3
ECO 7116	Microeconomics II	3
ECO 7406	Mathematical Economics II	3
ECO 7426	Econometrics III	3
ECP 6405	Industrial Organization I	3
ECP 6408	Economics of Organization	3
ECP 6415	Issues in Regulation and Anti-Trust	3
ECP 6536	Economics of Health Care I	3
ECP 6614	Urban Economics	3
ECP 6624	Regional Economics	3
ECP 7406	Industrial Organization II	3
ECP 7537	Economics of Health Care II	3
ECS 6015	Economic Development	3

With the approval of the Graduate Director, unrestricted elective courses may be satisfied either by graduate-level courses offered by any department within the University or by certain MBA courses taught within the Department of Economics:

In addition to completing the 30 hours of coursework with overall and major GPAs of at least 3.0, a student must pass an oral examination conducted by a panel of three faculty members who have taught courses in the student's program. At least one faculty member must be drawn from those who teach the core courses. The oral examination provides a forum for the student to provide evidence that s/he has sufficient knowledge and breadth of fundamental economic concepts so as to be able to undertake rigorous economic analysis, both theoretical and empirical in nature.

Total minimum hours: **30**

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

ECONOMICS PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: February 15

Minimum Total Hours: 69
 Program Level: Doctoral
 CIP Code: 45.0601
 Dept Code: ECN
 Program (Major/College): ECO/AS

CONTACT INFORMATION

College: Arts and Sciences
 Department: Economics

Contact Information: www.grad.usf.edu
 Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

The Doctor of Philosophy in Economics prepares students for careers as professional economists in academia, business and government.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas: Health Economics, Industrial Organization, International Trade/Economics Development, Public Economics, Urban and Regional Economics

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

- Bachelor's degree or equivalent from a regionally accredited university or international equivalent
- 3.00 GPA or better in all upper division undergraduate classes
- Graduate Admissions Test taken within the preceding 5 years with minimum scores of 500 (V) and 660 (Q on the GRE and 575 on the GMAT
- Minimum of 2 courses in calculus*
- Minimum of 1 course in probability and statistics*
- Intermediate-level microeconomics and macroeconomics*

*Applicants must earn a grade of B or better in each of these courses.

DEGREE PROGRAM REQUIREMENTS

Total Minimum Hours		69 hours
CORE REQUIREMENTS		27 hours
ECO 6405	Mathematical Economics I	3
ECO 7406	Mathematical Economics II	3

ECO 6115	Microeconomics I	3
ECO 7116	Microeconomics II	3
ECO 6206	Aggregate Economics	3
ECO 6424	Econometrics I	3
ECO 6425	Econometrics II	3
ECO 7426	Econometrics III	3
ECO 6305	History of Economic Thought	3

Fields**12 hours***Select two pairs from the groupings below:*

ECP 6536	Economics of Health Care I	3
ECP 7537	Economics of Health Care II	3
ECS 6015	Economic Development	3
ECO 6706	International Trade: Theory and Policy	3
ECP 6405	Industrial Organization	3
ECP 7406	Industrial Organization II	3
ECO 6505	Public Finance	3
ECO 6525	Public Sector Economics	3
ECP 6614	Urban Economics	3
ECP 6624	Regional Economics	3

Electives**9 hours**

Three graduate courses - secondary field outside of economics, as approved by the advisor

Qualifying Examination

Examinations in mathematical economic/microeconomics and econometrics

Dissertation**21 hours minimum**

ECO 7980 Dissertation

Graduation Requirements:

- Complete 27 credit hours of required coursework with required GPA
- Complete 12 credit hours of economics field coursework with required GPA
- Complete 9 hours of secondary field coursework with the required GPA
- Pass the qualifying examinations in mathematical economic/microeconomics and econometrics
- Write and successfully defend the doctoral dissertation proposal
- Complete at least 21 credit hours of dissertation coursework
- Write and successfully defend a doctoral dissertation.

COURSESFor an updated list of course offerings see: <http://www.ugs.usf.edu/sab/sabs.cfm>

ENGLISH PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 1 Fall admission only
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Minimum Total Hours:	33
Program Level:	Masters
CIP Code:	23.0101
Dept Code:	ENG
Program (Major/College):	ENG AS

Concentrations:

Literature (LIT)
Rhetoric and Composition (RAC)

CONTACT INFORMATION

College:	Arts and Sciences
Department:	English
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The MA in English with a concentration in Literature is a continuation of the BA with greater depth in literary knowledge and an introduction and implementation of methods, standards, and conventions of scholarship on literature. It is a generalist degree with broad-based distribution requirements, but it has the flexibility to study cutting-edge theories and newly emerging fields of interests (including cultural and comparative studies, ethnic literatures, and genre studies such as film). The option for PhD preparation will conclude with a portfolio of three 15-20 page essays and an oral defense; the option for teacher preparation will have two additional courses required, including one with pedagogical emphasis and a comprehensive examination.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas: n/a

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Literature:

- B.A. in English
- GRE general exam: 600V, 4.0 AW
- undergraduate major GPA 3.50, 3.30 last 2 years
- three (3) letters of recommendation
- a two-to-three page personal statement describing the student's background, purpose for attending graduate school, and career goals
- a writing sample of no more than ten pages that demonstrates academic or disciplinary writing

Rhetoric and Composition:

- BA in English
- GRE general exam: 600V, 4.0AW
- undergraduate major GPA 3.5, 3.3 last 2 years
- three (3) letters of recommendation
- a two-to-three page personal statement describing the student's background, purpose for attending graduate school, and career goals.
- a writing sample of no more than ten pages that demonstrates academic or disciplinary writing

DEGREE PROGRAM REQUIREMENTS**Program of Study 33 Credit Hours****CORE REQUIREMENTS:**

ENG 6009 Introduction to Graduate Studies (3) (this should be taken in the first semester of coursework)

CONCENTRATION REQUIREMENTS:

In addition to the core requirements, students must complete the requirements below for the selected concentration:

Literature Concentration - OPTION I – Ph.D. Preparation**Required (3 credits)**

ENG 6018 or ENG 6019

Studies in Criticism and Theory I & II 3

Historical Distribution (12 credits)*: four courses chosen from the following:

1 Medieval or Renaissance (including 17th Century)

ENL 6206 Studies in Old English 3

ENL 6216 Studies in Middle English 3

ENL 6226 Studies in Sixteenth-Century British Literature 3

ENL 6228 Studies in Seventeenth-Century British Literature 3

1 18th Century (Either British tradition or Literature of the Americas)

AML 6017 Studies in American Literature to 1860 3

ENL 6236 Studies in Restoration and Eighteenth-Century 3

British Literature

1 19th Century (Either British tradition or Literature of the Americas):

AML 6017 Studies in American Literature to 1860 3

AML 6018 Studies in American Literature to 1860j to 1920 3

ENL 6246 Studies of the English Romantic Period 3

ENL 6256 Studies in Victorian Literature 3

1 20th Century (Either British traditions or Literature of the Americas):

AML 6027 Studies in Modern American Literature 3

ENL 6276 Studies in Modern British Literature 3

LIT 6096 Studies in Contemporary Literature 3

Cultural & Critical Studies (6 credits)*: two courses in ethnic literature (including African-American, Latino/a, post-colonial), world literature, women's literature or gender studies, critical theory, film, or genre

AML 6608 Studies in African American Literature 3

ENG 6018 Studies in Criticism and Theory I 3

ENG 6019 Studies in Criticism and Theory II 3

ENG 6067 History of the English Language 3

LIT 6934 Selected Topics in English Studies 1-6

Or other courses as approved by the Graduate Director

*Of the six courses in Historical Distribution and Cultural-Critical Studies, two must be from British traditions and two from American Traditions.

Electives (6 credits)

Students taking ENC 6745 Teaching Practicum must use this as an elective if they count it toward the 33 credits in the degree. No CRW courses will be allowed in the literature track. Only one practicum will be allowed to satisfy degree requirements (including ENC 6745) in Option I. One Directed Study may be used to substitute for degree requirement with the approval of the Graduate Director.

Portfolio and Defense (3 credits)

Three directed study hours to prepare portfolio. In their fourth and final semester (excluding summer terms), MA students will submit a portfolio for review to a three-member faculty committee six weeks prior to the Graduate School deadline for thesis/dissertation submission. Upon submission, the student and chair of the committee will establish a defense date with the Graduate Program Specialist.

The portfolio will contain the following:

- An introductory first-person essay in which the student offers a self-evaluation of the contents of the portfolio and how it reflects his or her own process of revision, intellectual growth, plans for publication/dissemination, and professional development (minimum five pages, not to exceed fifteen).
- Three revised seminar papers 15-20 pages in length, including appropriate MLA or Chicago Style documentation.
 - Papers should represent three distinct literary periods, including at least one prior to 1800 and one after 1800. In addition, the contents of the portfolio should represent diversity on a national level, with at least one paper focusing on literature of the Americas and the other on literature from Britain (broadly construed) or its colonies.
 - Papers should be developed under the direction of three different faculty members from the English Department, who then will form the committee for the defense. One member of the committee will serve as the chair, who will coordinate the circulation of the portfolio, the scheduling of the defense, and the submission of evaluation forms to the graduate director within specified deadlines.

The portfolio will be reviewed and evaluated by this three-member faculty committee using the published assessment rubric.

Members of the portfolio committee will be asked to work with the student to revise the papers she/he wrote for class. The goal is to get the papers into a form that might reasonably be published.

Because this option is not a thesis, it does not have to be submitted to the Graduate School, and so it does not need to adhere to the Graduate School deadlines. Defenses should be concluded two weeks before the end of classes. The whole portfolio, along with the revised papers and the introductory essay, should be circulated two weeks prior to the defense, to give committee members an opportunity to read it through.

The MA Portfolio will be evaluated as "Pass Plus," "Pass," "Pass Minus," or "Fail."

Students earning a grade of "Fail" on the MA Portfolio will be placed on Academic Probation for the term following the exam. Probationary status can be removed by earning a passing grade ("Pass Minus" or higher) in the following semester, summer excluded. In the event that the student does not pass the defense in the following semester (excluding summer) and probationary status is not removed, the student can be academically dismissed from the program. Graduate Assistants maintain eligibility for an assistantship

After the defense, a copy of the final, revised portfolio will be submitted according to the requirements of the graduate school and proper documentation will be added to the student's graduate program file.

Oral Defense

The committee chair convenes a meeting with the committee and student for 30 minutes; this oral examination provides the opportunity for faculty to question the student on various aspects of the portfolio, and it gives the student the opportunity to expand upon and refine ideas represented in writing. The defense also provides an opportunity for further suggestions on publication and revision. After 30 minutes, the committee will convene without the student to discuss a final assessment for the portfolio using the published rubric .

Literature Concentration OPTION II – Teacher Enrichment

Required:

ENG 6018 or ENG 6019

Studies in Criticism and Theory I & II 3

Historical Distribution (18 credits)*

1 Medieval or Renaissance Course (including 17th C):

ENL 6206 Studies in Old English 3

ENL 6216 Studies in Middle English 3

ENL 6226 Studies in Sixteenth-Century British Literature 3

ENL 6228 Studies in Seventeenth-Century British Literature 3

1 18th Century Course (Either British traditions or Literature of the Americas):

AML 6017 Studies in American Literature to 1860 3

ENL 6236 Studies in Restoration and Eighteenth-Century
British Literature 3

2 19th Century Courses (Either British traditions or Literature of the Americas):

AML 6017 Studies in American Literature to 1860 3

AML 6018 Studies in American Literature to 1860j to 1920 3

ENL 6246 Studies of the English Romantic Period 3

ENL 6256 Studies in Victorian Literature 3

1 20th Century Course (Either British traditions or Literature of the Americas):

AML 6027 Studies in Modern American Literature 3

ENL 6276 Studies in Modern British Literature 3

LIT 6096 Studies in Contemporary Literature 3

Cultural – Critical Studies (3 credits)*: one course in ethnic literature (including African-American, Latino/a, post-colonial), world literature, women’s literature or gender studies, critical theory, film, or genre

AML 6608 Studies in African American Literature 3

ENG 6018 Studies in Criticism and Theory I 3

ENG 6019 Studies in Criticism and Theory II 3

ENG 6067 History of the English Language 3

LIT 6934 Selected Topics in English Studies 1-6

Or other courses as approved by the Graduate Director

*Of the seven courses from Historical Distribution and Cultural-Critical Studies, three must be from British traditions and three from American traditions

Pedagogical Emphasis (3 credits):

Choose one from the following:

CRW 6025 Selected Topics: Practice in Teaching Creative Writing 3

ENC 6700 Composition Theory 3

ENC 6745 Teaching Practicum (TAs only) 3

ENG 6067 History of the English Language 3

LAE 6375 Contemporary Composition Studies 3

LAE 6389 Practice in Teaching Literature 1-3

LIT 6934	Selected Topics: Practice in Teaching Professional and Technical Writing	1-6
LIT 6934	Selected Topics: Practice in Teaching Writing Center	1-6

Elective (3 credits)

Students taking ENC 6745 Teaching Practicum must use this as an elective if they count it toward the 33 credits in the degree. No CRW courses will be allowed in the literature track. Only one practicum will be allowed to satisfy degree requirements (including ENC 6745) in Option I. One Directed Study may be used to substitute for degree requirement with the approval of the Graduate Director.

Comprehensive Exam:

During their final term of coursework, students will take a comprehensive written exam on literature from the six areas of historical distribution:

- 1) Medieval and Early Modern
- 2) Eighteenth-century British and Early Literature of the Americas
- 3) Nineteenth-century British and colonies
- 4) Nineteenth-century Literature of the Americas
- 5) Twentieth-century British and postcolonial
- 6) Twentieth-century Literature of the Americas

Students will prepare for the exam by reading the list of identified works (available at the start of the program). The list will be established and published with a clear expiration date (five years); the succeeding list will be ready at least one year prior to implementation in the exam.

Rhetoric and Composition Concentration**Core Requirements:****12 credits**

ENC 6700	Studies in Composition Theory	3
ENC 6720	Studies in Composition Research	3
ENC 6421	Studies in Rhetoric and Technology	3
ENC 6336	Studies in the History of Rhetoric	3

Electives**15 credits**

Three (3) electives within Literature or Rhetoric and Composition from the following (9 credit hours):

ENC	Advanced Technical Writing	3
ENC 6261	Professional and Technical Communication	3
ENC 6333	Contemporary Rhetorics	3
ENC 6422	New Media Production	3
ENC 6740	Theory and Development of Writing Programs	3
LAE 6375	Contemporary Composition Studies	3

Outside Electives (6 credit hours)

Two electives in English or outside department, related to course of study

Thesis**6 credits minimum**

ENG 6971	Thesis: Master's MA Thesis on a Rhetoric and Composition subject plus an oral defense	6
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The M.A. thesis – 40-50 pages, typed body in 12 point Times New Roman font, double-spaced – should be based on student's specialization in Rhetoric and Composition. This manuscript can be a revision and extension of a course paper or conference paper. It must contribute to the discipline by advancing scholarly discussion in Rhetoric and Composition studies and offering new knowledge.

Graduate Certificate Program

For information on Graduate Certificates please visit <http://www.outreach.usf.edu/gradcerts/>

English Graduate Certificates Offered:

Creative Writing

Comparative and Interdisciplinary Literary Studies

Teaching Composition

–contact Professor Rita Ciresi at rciresi@usf.edu

– contact Dr. Susan Mooney at smooney@usf.edu

– contact Dr. Debra Jacobs at djacobs@usf.edu

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

ENGLISH PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: February 1
Fall admission only

Minimum Total Hours: 60 Post-Masters

Program Level: Doctoral

CIP Code: 23.0101

Dept Code: ENG

Program (Major/College): ENG AS

CONTACT INFORMATION

College: Arts and Sciences

Department: English

Contact Information: www.grad.usf.edu

Concentrations:

Literature (LIT)

Rhetoric and Composition (RAC)

PROGRAM INFORMATION

The PhD program in English with a concentration in Literature seeks to produce teacher-scholars who have a sound general knowledge of British and American literature and a specialized knowledge of their fields of concentration. Each student in the program must take courses in teaching college English. These courses in teaching are practicums that include actual teaching experience.

The PhD program in English with a concentration in Rhetoric and Composition seeks to equip teacher-scholars with both a robust familiarity with critical, literary, and rhetorical theory and with the pedagogical experiences requisite for quality instruction. Students will specialize their studies toward a particular field of concentration.

The PhD in English involves a minimum of 30 hours of course work beyond the MA degree, exclusive of credits devoted to the foreign language requirement and to the doctoral dissertation after Included in these hours must be ENG 6005 Scholarly Research and Writing, ENG 6018 or ENG 6019 and one other theory-rich course, and two courses designated as Doctoral Seminars, with an extra credit of ENG 7939. After completing the necessary course work, students must take a written qualifying exam with oral defense. Students passing this exam and fulfilling the foreign language requirement are then admitted to doctoral candidacy. Students who carry deficiencies on this exam for more than two terms, or who fail this exam more than once, are dismissed from the program. Upon the completion and approval of the dissertation, students will defend the dissertation in a oral examination. After successful completion of the dissertation and defense, students are awarded the doctoral degree.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Literature/Rhetoric and Composition-

- M.A. in English from an accredited university
- GRE general exam: 650 V, 4.0 AW
- GRE subject test in Literature in English; no minimum score (for literature applicants only)

- GPA – minimum 3.70 graduate GPA
- three (3) letters of recommendation, at least two of these letters should be from professors who have taught the applicant at the graduate level
- a two-to-three page personal statement describing the student's background, purpose for attending graduate school, and career goals
- a critical paper representing the student's work (unless published, this work should be a paper that the student has written for a university graduate English course, and it should be accompanied by a note from the professor confirming the course for which the paper was written)

DEGREE PROGRAM REQUIREMENTS

Total Minimum hours:

30 hours beyond the MA degree

CORE REQUIREMENTS

ENG 6005 — Scholarly Research and Writing (3)

CONCENTRATION REQUIREMENTS:

Literature Concentration

ENG 6018 or ENG 6019

Studies in Criticism and Theory I & II (may have been taken at the MA level)	3
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One theory-rich course chosen from the following (3 credits):

ENC 6336 Studies in the History of Rhetoric	3
ENG 6018 Criticism & Theory I	3
ENG 6019 Criticism & Theory II	3

Or other courses designated theory-rich in the department's Graduate Bulletin or otherwise approved by the Graduate Director

ENG 7939 Doctoral Seminar

8 credits

Must be taken twice (two credits total) in conjunction with a three-credit course; the two courses plus the two seminar credits total 8 credits

One practicum in teaching or in tutoring for the Writing Center (3 credits)

ENC 6745 Teaching Practicum	3
LAE 6375 Contemporary Composition Studies	3
LAE 6389 Practice in Teaching Literature	1-3

Or other courses as approved by the Graduate Director

Electives

10 credits

10 hours minimum from other courses in the Department of English

Other

Demonstrated proficiency in one foreign language by one of the following means:

Place beyond Level IV in a language placement test (administered by World Language Education Department)

Earn a B or better in one of the graduate courses Reading for French, Spanish, or German

Earn a B or better in two semester courses of an intermediate foreign language (e.g., Spanish III and Spanish IV)

Earn a B or better in a fourth semester language course (e.g., Spanish IV)

Earn a B or better in a second semester Latin course

Qualifying Exam

Ph.D. qualifying exam (students may enroll in directed reading hours with exam committee members)

Dissertation

ENG 7980 Dissertation: Doctoral—Minimum of 10 dissertation hours (no maximum), plus oral defense

Rhetoric & Composition Concentration**Core Requirements (12 credits)**

ENC 6700	Studies in Composition Theory	3
ENC 6720	Studies in Composition Research	3
ENC 6421	Studies in Rhetoric and Technology	3
ENC 6336	Studies in the History of Rhetoric	3

ENG 7939 Doctoral Seminar**8 credits**

Must be taken twice (two credits total) in conjunction with a three-credit course; the two courses plus the two seminar credits total 8 credits

Electives

(12-15 credits, dependent upon whether ENC 6745 was taken at the MA level)

Four or five elective courses in Rhetoric and Composition chosen from the following:

ENC Advanced Technical Writing		3
ENC 6261	Professional and Technical Communication	3
ENC 6333	Contemporary Rhetorics	3
ENC 6422	New Media Production	3
ENC 6740	Theory and Development of Writing Programs	3
LAE 6375	Contemporary Composition Studies	3

Other: Foreign Language Requirement

Demonstrated proficiency in one foreign language by one of the following means:

- Place beyond Level IV in a language placement test (administered by World Language Education)
- Earn a B or better in one of the graduate courses Reading for French, Spanish, or German
- Earn a B or better in two semester courses of an intermediate foreign language (e.g. Spanish III and Spanish IV)
- Earn a B or better in a fourth semester language course (e.g. Spanish IV)
- Earn a B or better in a second semester Latin course

Ph.D. Qualifying Exam

After completing 30 hours of coursework, the language requirement, and all incomplete grades, a student may take the Ph.D. examination. The standardized exam will be offered twice each academic year for all eligible students and consists of:

- **A 24-hour take-home exam** divided into four written sections (1,000 words apiece), the content of which corresponds to the four core courses: Composition Theory, Research Methods, Rhetoric and Technology, and historical Rhetorics. Questions will be picked up in the English office at 9:00 a.m. on the day of the exam. Questions will be digitally submitted to the exam chair by 9:00 a.m. on the following day for SafeAssign submission in Blackboard.
- **A manuscript suitable for publication** in a specified scholarly journal (7,000-8,500 words) to be turned in at the same time as the 24-hour exam. The topic of the manuscript should be based on the student's specialization in Rhetoric and Composition. This manuscript can be a revision of a course paper or conference paper or an extension of their project from the Scholarly Writing and Research class. It must contribute to the discipline by advancing scholarly discussions in Rhetoric and Composition studies and offering new knowledge.

Both parts of the exam carry equal weight. All exams will be assessed by a rotating committee of at least 3 Rhetoric and Composition faculty representing different areas of disciplinary expertise. Every exam question will be graded by

each member of the committee, although emphasis will be placed upon readers' areas of specialization when determining the final score for each question.

Dissertation

ENG 7980 Dissertation: Doctoral—Minimum of 10 dissertation hours (no maximum), plus oral defense

Graduate Certificate Program

For information on Graduate Certificates please visit <http://www.outreach.usf.edu/gradcerts/>

English Graduate Certificates Offered:

Creative Writing

—contact Professor Rita Ciresi at rciresi@cas.usf.edu

Comparative and Interdisciplinary Literary Studies

— contact Dr. Susan Mooney at smooney@cas.usf.edu

Teaching Composition

— contact Dr. Debra Jacobs at djacobs@cas.usf.edu

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

ENVIRONMENTAL SCIENCE AND POLICY PROGRAM

Master of Science (M.S.) Degree

DEGREE INFORMATION

Program Admission Deadlines:
Fall: February 15
Spring: October 15

Minimum Total Hours: 36
Program Level: Masters
CIP Code: 3.0104
Dept Code: ESP
Program (Major/College): ESP AS

CONTACT INFORMATION

College: Arts and Sciences
Department: Geography

Contact Information: www.grad.usf.edu
Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

Contact the program for information.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

- Applicant must hold B.S. or B.A. degree in a relevant subject area
- Applicant must submit transcripts of undergraduate degree and results of GRE taken at most five (5) years before the application.
- Applicant must submit a statement of interests, documenting capabilities, achievements, goals and intended area of academic and research concentration in the Department if admitted.
- Applicant must submit at least three (3) letters of recommendation from persons familiar with the applicant's achievements, capabilities, and potential, including two persons qualified to judge the applicant's academic performance.
- Program may have additional requirements; check before applying. It is strongly recommended that the applicant contact the Department's Graduate Program Director for guidance in applying to the M.S. Degree Program.

Program Admission Requirements

Same as university requirements. Students must submit

- GRE scores
- have a GPA of at least 3.0 in his/her last 60 undergraduate hours
- if non-native English speaker, TOEFL of at least 600.

DEGREE PROGRAM REQUIREMENTS

The curriculum consists of 36 credits divided into three categories:

- | | |
|--------------------------|------------|
| 1) Core Requirements | 15 credits |
| 2) Elective Requirements | 12 credits |
| 3) Research Requirements | 9 credits |

Core Requirements

15 credits

Applications/Tools: Students select a course whose primary objective is mastery of research tools or methods with applications to research in the environmental field, subject to the approval of the Graduate Director and the student's Supervisory Committee. Courses that meet these criteria include:

- | | |
|---|---|
| a) GIS 5049 – Geographic Information Systems for Non-Majors | 3 |
| b) GIS 6100 – Advance Geographic Information Systems | 3 |
| c) STA 5166 – Computational Statistics
(or other statistics course approved by the Graduate Director
such as PCB 6456 or GEO 6166) | 3 |
| d) PCB 6456 – Biometry | 4 |
| e) GEO 6166 – Multivariate Statistical Analysis | 3 |

Advanced topics in Environmental Science - Students must complete both of the following courses:

- | | |
|---|---|
| a) GEO 6116 – Perspective in Environmental Thought | 3 |
| b) EVR 6922 – ESP Capstone Seminar
(taken after a minimum of 24 program hours have been completed) | 3 |

Students must take two courses from the following list. At least one class must be an EVR course.

EVR 6934	Seminar in Environmental Science (varying special topics)	-
EVR 6937	Seminar in Environmental Science and Policy (varying special topics)	3
EVR 6216	Advances in Water Quality Policy and Management	3
EVR 6101	Geomorphology for Environmental Scientists	3
EVR 6408	Wildlife Ecology	3
GEO 6347	Natural Hazards	3
GEO 6288	Hydrologic Systems	3
GEO 6286	Advances in Water Resources	3
GEO 6263	Soils Seminar	3
GEO 6217	Karst Geomorphology Seminar	3
GEO 6215	Geomorphology Seminar	3
GEO 6209C	Physical Geography Seminar	3
GEO 6345	Technological Hazards and Environmental Justice	3
PHC 6712	Air Pollution Research Seminar	1

Elective Requirements

12 credits

Students must complete 12 credit hours of elective courses within an area of concentration selected according to their interests and career goals. Students should select appropriate advanced coursework within their chosen area of concentration, in close consultation with their major professor and Supervisory Committee, to develop programs of study that fit their scholarly and career interests, and for thesis option students, the needs of their research. Students completing an approved (by the Graduate Director) graduate certificate as part of their programs can count 12 hours from the certificate program towards the M.S. degree elective requirements. Students completing the Environmental Policy and Management Certificate can apply GEO 6116 and EVR 6922 (or approved course substitutions) toward the M.S. degree core requirements. Additional certificate courses that meet M.S. degree core requirements will be applied to the core and remaining courses will be counted as electives in the MS program. Each student's elective program of study is subject to the approval of the Graduate Director. Areas in which students may decide to complete their electives, where courses are supported by the ES&P Program and/or affiliated Departments, include:

1. **Ecology.** 12 credits primarily from courses offered within the ES&P Program in the Department of Geography, and courses in the Department of Biology, to be selected in consultation with the student's major professor and Supervisory Committee. This area features a particular concentration in landscape ecology, wildlife ecology and management, conservation biology, ecological modeling, and field methods, including the use of GIS, GPS, and remote sensing technologies.
2. **Environmental Policy and Management.** 15 credits (only 12 hours can be applied towards the MS program) guided by the guidelines for the Graduate Certificate in Environmental Policy and Management. Credits will be applied to the core and elective requirements for the M.S. program as described above.
3. **Geology.** 12 credits primarily from courses offered within the ES&P Program in the Department of Geography and courses in the Department of Geology to be selected in consultation with the student's Supervisory Committee. This area features a particular concentration in karst geology and public policy planning in karstic environments: and a concentration in paleogeology.
4. **Hydrogeology.** 15 credits (only 12 hours can be applied towards the MS program) as required by the Graduate Certificate in Hydrogeology, as specified by the Department of Geology.
5. **Hazards Assessment and Mitigation.** 12 credits primarily from courses offered within the ES&P Program in the Department of Geography, and courses in the Department of Geology, and Civil Engineering, to be selected in consultation with the student's major professor and Supervisory Committee.
6. **Urban Environment.** 12 credit hours primarily in the Department of Geography, to be selected in consultation with the student's major professor and Supervisory Committee.
7. **Water Quality and Policy.** 12 credits drawn from relevant courses offered within the ES&P Program in the Department of Geography, and courses in the Department of Civil and Environmental Engineering, and Government and International Affairs, to be selected in consultation with the student's major professor and Supervisory Committee. This area features a particular concentration in urban runoff water quality, watershed-based water quality assessment, and watershed planning and management for water quality protection.
8. **Other.** 12 credits in other areas of concentration are also considered. The student may select an area of concentration that is strongly supported by graduate studies at USF and by one or more faculty members in the Department of Geography. The student should be able to describe how the courses form a coherent area of concentration relevant to his or her scholarly interests, research objectives, and/or career goals, and prepare a brief statement to that effect for the approval of the Graduate Director. The student should then select courses in consultation with his/her major professor and Supervisory Committee.

Research Requirements (9 credits)

The M.S. in ES&P is a research-oriented degree. Thesis track students complete a Thesis which constitutes an original scholarly contribution and is conducted under the direction of a Major Professor and a 3- member Faculty Supervisory Committee (of which the Major Professor serves as chair). Students should form their Supervisory Committee before completion of 18 credits of coursework, typically near the end of their first full year in the Program. Students complete a Thesis Proposal subject to approval of the Supervisory Committee typically early in the second year of studies. Students defend their Thesis in an oral presentation, and submit a written document for the approval of the Supervisory Committee, which is then submitted to the University as a requirement for earning the degree.

The research requirements include the following coursework, for a minimum total of 9 credit hours:

1. Directed Research (Thesis Preparation, EVR (6920): Students complete at least 6 credit hours of thesis research under the direct supervision of their major professor, typically during the second year of studies. After completion of all Core and Elective requirements, students remain enrolled in at least 2 credit hours per semester of EVR 6920 until the completion and submittal of the Thesis which completes the requirements for the degree. Throughout this period students must work in close cooperation with their

major professor and Supervisory Committee, and provide the Committee a summary of progress at least once per semester.

2. **Research Methods/Design Preparation:** All students selecting the Thesis option will complete a research methods/design course (GEO 6970 – Research Methods in Geography). Other courses may be substituted for this requirement with the permission of the student’s advisor and the Graduate Program Director.
3. **Research Colloquium (EVR 6930), 1 credit hour**

Thesis/Non-Thesis Options

There are two options to complete the M.S. Degree:

- A. **Thesis Option.** The thesis option is a 36-hour program designed for students who wish to complete original research as part of their graduate studies. The thesis option is a viable option for all students. Those intending to continue graduate work to the Ph.D. level are strongly encouraged to complete a thesis.
- B. **Non-Thesis Option.** Students complete a minimum of 36 hours, with 24 hours of electives, keeping in mind that a minimum degree requirement is 16 hours at the 6000 level. Students must pass a comprehensive written examination that is administered during the semester they plan to graduate.

Comprehensive Examination

Thesis Option:

1. The student is required to present his/her thesis research at a public thesis defense.
2. As part of the thesis defense, an oral comprehensive exam is also administered. The defense and oral exam is scheduled and organized by the student’s major professor, in consultation with the student’s Supervisory Committee and the Graduate Director. As part of this process, a Presentations Form (available in the department office) needs to be completed one week prior to the defense date.
3. The exam can be completed only during the spring and fall Semesters.
4. A copy of the thesis must be made available in the department office one week prior to the defense for public review.

Non-Thesis Option:

1. The examining committee will be comprised of the student’s Supervisory Committee.
2. Non-thesis students are required to complete a six-hour long, written, closed book, comprehensive exam, which typically consists of series of questions that are prepared by the examination committee. Students are not allowed any outside materials during the exam, which is to be hand-written on paper supplied by the examination committee.
3. The exam can be completed during the spring or fall semesters, but not during the summer.
4. Students are encouraged to complete the exam during the last semester of their coursework. The exam must be completed no later than one semester after the student completes the coursework for the degree. You must be registered for two credits in that semester in the semester that the exam is completed.
5. All non-thesis examinations will be scheduled for the same day each semester (i.e. all students will sit for the exam at the same time), the date being set by the Graduate Director. Students must coordinate with their major professors when they will take the exam.
6. Questions are solicited and organized by the student’s major professor in consultation with the student’s examination committee.

7. The answers to the questions are evaluated by the student's Supervisory Committee within two weeks of the exam.
8. If the answer to any question is determined to be incorrect or incomplete, the student may be required to retake that portion of the exam in the form of an oral exam that is only open to the committee. Students are encouraged to complete the oral exam in the same semester they completed the first written exam.
9. If the student fails all portions of the exam, they will have one opportunity to retake the entire exam. This second exam must be completed no later than the semester after the student receives notification that a second exam is necessary.
10. If it is determined that the student did not successfully complete his/her comprehensive exam after their second attempt, he/she will be dismissed from the program.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

FRENCH PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 15
Summer:	February 15

Minimum Total Hours:	34
Program Level:	Masters
CIP Code:	16.0901
Dept Code:	WLE
Program (Major/College):	FRE AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	World Languages
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

Contact Program for Information.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university plus

- 2-3 letters of recommendation,
- a writing sample in French, and
- an oral interview in French (can be done by phone).
- The GRE is not required.

DEGREE PROGRAM REQUIREMENTS

Core requirements

1. Proficiency in a second foreign language.
2. Satisfactory completion of a written comprehensive examination on French language, literature, and civilization.
This exam is based on a reading list.
3. FOW 6805 Bibliography for 1 credit hour
4. Course work following one of the plans listed below:

Plan A - 37 hours of graduate courses in French.

Students take the required FOW 6805 and select the remaining 12 French graduate courses as approved by the Graduate Program Director

Comprehensive Exam

5 exams from a selected reading list the semester the student completes coursework

Thesis

This is a non-thesis option.

Plan B - 37 hours

Students take the required FOW 6805 and select the remaining graduate courses as approved by the Graduate Program Director. Nine to 10 of those courses will be in French and two to three will be graduate courses in another area/department (for a total of 12 courses), as approved by the French Graduate Program Director.

Comprehensive Exam

5 exams from a selected reading list the semester the student completes coursework, with 4 exams in French and one in the selected other area/department

Thesis

This is a non-thesis option.

Plan C - 28 semester hours in French plus a thesis (6 credit hours)

Students take the required FOW 6805 and select the remaining 9 French graduate courses as approved by the Graduate Program Director.

Comprehensive Exam

5 exams from a selected reading list the semester the student completes coursework

Thesis

Thesis, including 6 credit hours of FRE 6971 Thesis

Plan D - 28 semester hours plus a thesis (6 credit hours)

Students take the required FOW 6805 and select the remaining graduate courses as approved by the Graduate Program Director. Six to seven of those courses will be in French and two to three will be graduate courses in another area/department (for a total of 9 courses), as approved by the Graduate Program Director.

Comprehensive Exam

5 exams from a selected reading list the semester the student completes coursework, with 4 exams in French and one in the selected other area/department

Thesis

Thesis, including 6 credit hours of FRE 6971 Thesis

OTHER INFORMATION**Special Programs Overseas**

The Department of World Languages, in cooperation with the International Affairs Center, offers several study programs overseas. These include study in several locations in France and Canada. For complete details, contact the program advisors or the International Affairs Center.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

GEOGRAPHY PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 15 (with or without GA application)

Minimum Total Hours:	30 Thesis Option 36 Non-Thesis Option
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Program Level:	Masters
CIP Code:	45.0701
Dept Code:	GPY
Program (Major/College):	GPY AS

Concentrations:

Economic, Social and Planning Issues in the Urban Environment (USG)
 Natural/Technological Hazards and Environmental Justice (EVG)
 Geographic Information Systems and Spatial Analysis (TGP)

Also offered as:

Graduate Certificate: Geographic Information System Certificate Program - go to <http://www.outreach.usf.edu/gradcerts/certinfo.asp?certname=GISS> for information.

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Geography
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

Geography is the study of the human-environment relationship either in a global or more regional context. Physical geographers focus on physical/human interrelationships and the interconnections among the various physical environmental elements. Human geographers focus on human interactions with their own environmental constructions, both built and social. Physical and human geographers both rely on specific techniques, including cartography, geographic information systems, and field work, in their research. The Department of Geography provides the opportunity to pursue the study of geography with particular emphasis on applied work geared to help solve real world problems.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

Economics, Social, & Planning in the Urban Environment
 Karst Science, Meteorology, Climatology and Climate Change
 Physical Geography
 Natural/Technological Hazards and Health
 Landscape Ecology
 Water Resources and Policy
 Geographic Information Science

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university plus

- At least two letters of recommendation,
- transcripts,
- a letter of intent, and
- a graduate assistant application if the applicant is applying for a GA position.
- The GRE is required.
- BA with 3.0 GPA

DEGREE PROGRAM REQUIREMENTS

The Department of Geography offers a Masters of Arts (M.A.) in Geography with a thesis and non-thesis option. Students must complete a minimum of 30 semester hours of graduate level course work for the thesis option and 36 hours for the non-thesis option.

Core Requirements

9 hours

Required Core Courses (9 Hours)

All students must take the following core courses:

GEO 6058	Geographic Literature and History	3
GEO 6970	Geographic Research Design	3

Based upon the student's area of interest, he/she must take one course from the following list of Quantitative or Qualitative course offerings:

Quantitative:

GEO 6166	Multivariate Statistical Analysis	3
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Another course can be substituted for GEO 6166 with the permission of the Graduate Program Director. Possible substitutions, based upon the student's area of interest can include, but is not limited to the following:

Geology:	GLY 5865 Statistical Models in Geology	3
Biology:	PCB 6455 Statistical Ecology	3
Statistics:	STA 5166 Computational Statistics I	3
Sociology:	SYA 6405 Sociological Statistics	3

Qualitative:

American Studies:	AMS 6156 Theories and Methods of Cultural Studies	3
Anthropology:	ANT 6766 Research Methods Applied Anthropology	3
Communication:	COM 6400 Communication Theory	3
Philosophy:	PHI 6305 Seminar in Epistemology	3
Sociology:	SYA 6315 Qualitative Research Methods	3
Women's Studies:	WST 6001 Feminist Issues, Research, Methods	3

Regional:

Students are strongly encouraged to complete at least one of the following regional courses:

GEA 6195	Seminar in Advanced Regional Geography	3
GEA 6215	Seminar in North American Geography	3
GEA 6252	Seminar in the Geography of the American South	3
GEA 6406	Seminar in Latin American and Caribbean Geography	3
GEA 6504	Seminar in European Geography	3
GEA 6745	Asian Geography Seminar	3

Concentration Requirements

Students specialize in one of the three concentrations (A, B, and C) that the department offers. Students must select a minimum of three courses (9 credits) from the selected concentration.

Thesis option students take six credit hours of electives at a level of 5000 or higher, keeping in mind that a minimum of ten hours is required at the 6000-level. At least one of the electives must be taken outside of the student's concentration excluding GEO 6908, 6918, and 6944. Electives may also be selected from courses offered outside of the Department, with the consent of the student's advisor and the graduate program director. A maximum of six approved hours taken outside the department can be used in the student's degree program. The remaining 6 credit hours are taken as Thesis (GEO 6971). Students in the thesis option can only apply three credit hours of Internship (GEO 6944), and three credit hours of Directed Research (GEO 6918) or Independent Research (GEO 6908) toward the degree.. Upon completion of a minimum of 15 hours students are required to defend a thesis proposal. Students must also complete a thesis defense during the semester they plan to graduate, and they must be enrolled in a minimum of 2 semester hours of thesis credit during the semester in which they submit their thesis to the Graduate School.

Non-thesis option students complete a total of 36 hours, with 27 hours of electives completed at a level of 5000 or higher, keeping in mind that a minimum degree requirement is 16 hours at the 6000 level. Students can also take up to nine hours outside the department with the consent of their advisor and the graduate program director, to apply toward their degree program. Students can apply three credit hours of Internship (GEO 6944), three credit hours of Directed Research (GEO 6918) and/or Independent Research (GEO 6908) toward their degree program. Students must pass a comprehensive written examination that is administered during the semester in which they plan to graduate.

Students select one of the following concentrations:

Concentration A: Economic, Social and Planning Issues in the Urban Environment

GEO 6116	Perspective of Environmental Thought	3
GEO 6345	Technological Hazards and Environmental Justice	3
GEO 6347	Natural Hazards	3
GEO 6428	Seminar in Human Geography	3
GEO 6475	Political Geography Seminar	3
GEO 6605?	Contemporary Urban Issues	3
GEO 6545	Economic Geography Seminar	3
GEO 6566	Site Feasibility Analysis	3
GEO 6704	Transportation Geography	3
GEO 7606?	Seminar in Urban Environments	3

Concentration B: Natural/Technological Hazards and Environmental Justice

GEO 6116	Perspective of Environmental Thought	3
GEO 6178	Environmental Applications of GIS	3
GEO 6209C	Physical Geography Seminar	3
GEO 6215	Geomorphology Seminar	3
GEO 6217	Karst Geomorphology	3
GEO 6263	Soils Seminar	3
GEO 6286	Water Resources	3
GEO 6288	Hydrological Systems	3
GEO 6345	Technological Hazards and Environmental Justice	3
GEO 6347	Natural Hazards	3
MET 6140 / GEO 6255	Weather, Climate and Society	3

Concentration C: Geographic Information Systems and Spatial Analysis

GEO 5075	Global Positioning Systems	3
GEO 6115	Field Techniques	3
GEO 6119	Geographical Techniques and Methodology	3

GIS 6038C	Remote Sensing	3
GIS 6039	Remote Sensing Seminar	3
GIS 6100	Geographic Information System	3
GIS 6307	GIS Seminar	3
GEO 6166	Multivariate Statistical Analysis	3
GIS 6355	Water Resources Applications of GIS	3
GIS 6306	Environmental Applications of GIS	3
GIS 6112	Spatial Database Development	3
GIS 6103	Programming for GIS	3

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

GEOGRAPHY AND ENVIRONMENTAL SCIENCE AND POLICY PROGRAM

Doctor of Philosophy (Ph.D.)

DEGREE INFORMATION

Program Admission Deadlines:	
Fall:	February 15
Minimum Total Hours:	60
Program Level:	Doctoral
CIP Code:	45.0799
Dept Code:	GEP
Program (Major/College):	GEP AS

CONTACT INFORMATION

College:	Arts and Sciences
Departments:	Geography
Contact Information:	www.grad.usf.edu

PROGRAM INFORMATION

The Ph.D. degree in Geography and Environmental Science and Policy is an interdisciplinary program, the curriculum of which is designed to take advantage of the strengths of multiple University departments in critical areas of geography and the environment. Emphasis is placed on providing theoretical rigor and methodological skills enabling students to make significant and original research and policy contributions in an integrated interdisciplinary environment. In addition, the degree has a very strong applied component reflecting the Departments' strong emphases in working on solutions to real-world geographical and environmental problems.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

Economics, Social, and Planning Issues in the Urban Environment
 Karst Science and Climate Change
 Natural/Technological Hazards and Health
 Landscape Ecology
 Water Resources and Policy

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below. Admission standards follow those of the M.S. programs in the constituting Departments.

Program Admission Requirements

- Undergraduate degree in relevant field, with preparation in both science and policy
- Graduate Record Exam is required – minimum of 500V 500Q
- GPA at least 3.20 in upper division undergraduate and graduate credits
- If non-native English speaker, TOEFL of at least 600
- Ability to conduct research in a field of current interest to departmental faculty

A minimum cumulative GPA of 3.20 at the undergraduate level or Masters' Degree from an accredited institution of higher learning. Applicants whose first language is not English must also submit a score of at least 600 on the Tests of English as a Foreign Language (TOEFL). See Department guidelines for application materials expected and other expected qualifications for admittance.

DEGREE PROGRAM REQUIREMENTS

The curriculum consists of 60 semester hours past the master's degree, or 90 hours past the bachelor's degree, and allows distinct concentration either in Environmental Science and Policy or in Geography. The curriculum consists of the following requirements:

1. Core Requirements	9 credits
2. Area of Emphasis Electives	9 credits
3. Other Electives and Dissertation	42 credits

Core Requirements

Students must complete all the following courses

1. Seminar in Natural Environments	3 credits
2. Seminar in Urban Environments	3 credits
3. Doctoral Dissertation Preparation	3 credits

Area of Emphasis Elective Courses

Upon entering the Program, students select an area of emphasis from among the five Major Research Areas listed above. Students complete nine (9) credits of coursework within the area of emphasis as designated by the Graduate Director or by the student's major professor and Faculty Supervisory Committee. The coursework should be selected in a way that supports the student's intended dissertation research. A wide variety of advanced graduate courses are available at the University in each of the five areas of emphasis.

Other Electives and Dissertation Credits

Students complete 42 credit hours in the form of elective coursework, directed reading, independent study, or dissertation hours. The student's major professor and Faculty Supervisory Committee will advise students on the selection of the proper mix of coursework and other study to support the agreed upon dissertation research. It is likely that students will include coursework from a variety of departments to support the elective requirements, and students may choose to complete a Graduate Certificate in a particular field, from another department, as part of their studies. Students entering the PhD program who have not completed a Masters Degree in either Geography or Environmental Science and Policy should expect to complete coursework equivalent to the requirements of one of those Masters programs.

Ph.D. Candidacy and Dissertation

A student will be admitted to candidacy following successful completion of comprehensive qualifying exams and the successful oral defense of a dissertation proposal. To complete the degree will require the full completion and oral defense of a comprehensive Ph.D. dissertation. See Program guidelines for detailed procedures on dissertation research, faculty supervision, structure of examinations and defenses, and completion of the dissertation. A minimum of 18 hours of Doctoral Dissertation Research (EVR 7980/GEO 7980) are required.

See Program guidelines for additional information.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

GEOLOGY PROGRAM

Master of Science (M.S.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: February 15
Spring: October 15*

Fall admission only

*Spring admission available only for students entering the Hydrogeology Internship field of study

Minimum Total Hours: 30
Program Level: Masters
CIP Code: 40.0601
Dept Code: GLY
Program (Major/College): GLY AS

CONTACT INFORMATION

College: Arts and Sciences
Department: Geology

Contact Information: www.grad.usf.edu
Other Resources: www.usf4you.usf.edu

*Deadline for students seeking assistantship/fellowship support is one month earlier. Foreign student applicants should provide their materials as early as is feasible to permit time to meet immigration and visa requirements if admitted.

PROGRAM INFORMATION

Geology incorporates the fundamentals of biology, chemistry, mathematics, and physics to study the earth and the processes that affect our planet.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas: n/a

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university admission requirements plus

- 3 letters of recommendation,
- personal statement,
- listing of previous coursework,
- transcripts,
- GRE required, but no minimum specified.

DEGREE PROGRAM REQUIREMENTS

The Department of Geology requires a candidate for the thesis-track M.S. Degree to complete at least 30 graduate credit hours. These hours are subdivided into 24 hours of structured coursework, of which at least ten (10) must be at the 6000 level, and at least six (6) hours in thesis research (GLY 6971). The curriculum for a Geology graduate student

varies depending on the area of research interest. Specific course work for the degree is determined via consultation between the student, his/her primary advisor and his/her student advisory committee. Other pertinent information regarding graduate study is contained in the Department's Graduate Student Handbook, which is available upon request.

All degree candidates are required to maintain satisfactory academic progress at all times. Satisfactory academic progress in this program is defined as progress in course and thesis work. Evidence of academic progress includes timely completion of departmental requirements such as selecting a primary advisor, forming a student advisory committee, completion of any prerequisites or deficiencies, timely progress toward completion of the thesis, maintaining a satisfactory GPA, defending a thesis proposal, and making a public presentation. A schedule for meeting these requirements is contained in the Department's Graduate Student Handbook.

Hydrogeology Internship

M.S. Option –

This program requires 30 hours of structured coursework, and a 3-credit internship project. A list of approved courses is available from the Department. Criteria for selecting appropriate internship projects are contained in the Geology Graduate handbook. Internship projects, which are supervised by Professional Geologists (PGs), must receive prior approval by the Internship Coordinator. The curriculum requires a comprehensive exit exam that is based on coursework and the internship project. Before the exit exam, the student must submit an Internship Project Report approved by the supervising PG. The hydrogeology internship committee determines the format of the exam. Normally, it is an oral examination following the student's presentation of the results of the internship project to the hydrogeology internship committee.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

GEOLOGY PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 15*
Summer:	February 15

Minimum Total Hours:	60
Program Level:	Doctoral
CIP Code:	40.0601
Dept Code:	GLY
Program (Major/College):	GLY AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Geology

Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

*Deadline for students seeking assistantship/fellowship support is one month earlier. Foreign student applicants should provide their materials as early as is feasible to permit time to meet immigration and visa requirements if admitted.

PROGRAM INFORMATION

Geology incorporates the fundamentals of biology, chemistry, mathematics, and physics to study the earth and the processes that affect our planet.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas: n/a

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university admission requirements plus

- 3 letters of recommendation,
- personal statement,
- listing of previous coursework,
- transcripts,
- GRE is required, but no minimum specified.

DEGREE PROGRAM REQUIREMENTS

The Ph.D. program in Geology requires a minimum of 15 semester hours of graduate (6000 level) structured course work after the Master's or equivalent. Course requirements beyond this are at the discretion of the student's committee. All doctoral students must maintain good standing in the Graduate School (overall GPA =3.0) and maintain satisfactory academic progress toward the degree. Any student who receives a C in a structured course will be placed on academic probation. This probation can be terminated by achieving grades of B or higher in the subsequent semester of full-time enrollment. If a second grade of C is received, the student is terminated from the doctoral program. Only courses in which the student receives at least a B may be counted toward the 15-hour, structured-course requirement. There is also a requirement that Ph.D. students have at least two semesters of full-time residence. While meeting the residency requirements, candidates must be full-time students in good academic standing.

General examinations and presentations of thesis proposals should be completed no later than the end of the second year in the doctoral program. The examining and dissertation committees are the same and will be comprised of no less than five members, at least three of which must be USF faculty, and at least one member from outside the department.

Admission to candidacy will be based on the results of a general examination administered by the student's committee. The format of the exam will be determined by the committee at least one week prior to the onset of the examination. Normally, it will consist of a written section or sections, followed by an oral examination chaired by the student's research advisor. After admission to candidacy, all doctoral students will make at least one formal presentation of their research prior to graduation. Any appropriate venue is acceptable, e.g., Dept. colloquium, oral or poster sessions at a scientific meeting of at least regional scope.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

GOVERNMENT PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15 Fall admissions only
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Minimum Total Hours: 57 (post-masters)

Program Level: Doctoral

CIP Code: 45.0901

Dept Code: GIA

Program (Major/College): GOV AS

CONTACT INFORMATION

College: Arts and Sciences
Department: Government and International Affairs

Contact Information: www.grad.usf.edu

Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Students apply for admission directly into the Ph.D. program. Those who are interested in first earning a Masters in Political Science or a Masters in Public Administration need to apply to those programs separately.

Students must submit

- a completed application,
- 2 official transcripts from their undergraduate or graduate institutions,
- official GRE Scores,
- 3 letters of recommendation (from academic sources or from those able to judge the applicant's academic abilities), and
- a 500 word personal statement expressing reasons for pursuing a Ph.D. in Political Science at the University of South Florida.
- Writing sample

At a minimum, students must have either a 3.3 or 1100 combined verbal and quantitative GRE score to be admitted. A Masters degree in Political Science, Public Administration, International Studies, or a related field will count favorably towards admission, but it is not a requirement for admission.

DEGREE PROGRAM REQUIREMENTS

The 57 credit hour post-M.A. program is as follows:

Interdisciplinary Professional Seminar	3	
Disciplinary Core Requirements		9 hours required
INR 5012 Globalization	3	
PAD 6041 Ethics in Public Service	3	
POT 6007 Theories of Governance	3	
Tracks		
Track 1: Public Affairs		
Core Electives within Discipline (9 hours required)		
INR 6107 Comparative Foreign Policy	3	
INR 6XXX International Law & Organizations	3	
PAD 6XXX Budgeting and International Finance	3	
PAD 5044 Environment of Public Administration	3	
PAD 6060 Public Administration Theory	3	
POS 6045 Seminar in American National Government	3	
POS 6157 Seminar in Urban Government and Politics	3	
Track 2: Sustainable Political Communities		
Core Electives within Discipline (9 hours required)		
CPO 5934 Area Studies in Comparative Politics (areas vary)	3	
CPO 6036 Politics in Developing Areas	3	
CPO 6XXX Comparative Environmental Politics	3	
INR 6XXX Peace and Conflict Studies	3	
Core Electives in Linked Programs (12 hours required, in at least two different disciplines)		
Anthropology		
ANG 6315 International Health and Applied Sociology	3	
ANG 7936 Applied Anthropology and Human Problems	3	
ANG 5937 Environmental Anthropology	3	
ANG 6448 Regional Problems in Urban Anthropology	3	
Geography and Environmental Science		
GEO 5605 Contemporary Urban Issues	3	
GEO 6408 Geography and Globalization: Remapping the World	3	
GEO 6345 Technological Hazards and Environmental Justice	3	
GEO 6119 Perspectives of Environmental Thought	3	
EVR 6937 Seminar in Environmental Policy	3	
History		
HIS 6939 Colonialism and Culture	3	
HIS 6939 U.S./Latin American Relations	3	
HIS 6XXX Florida Environmental History	3	
HIS 6XXX Environmental History	3	
HIS 6XXX Immigration and Ethnicity in America	3	
HIS 6XXX Rural Culture of the American South	3	
HIS 6XXX Gender and Sexuality in US History	3	

Sociology

SYD 6605 Community Analysis	3
SYD 6605 City and Community	3
SYD 6706 Race and Ethnicity	3

[Note: additional courses from various disciplines will be added as they are developed and implemented]

Capstone Interdisciplinary Seminar (Required) 3

Disciplinary Dissertation Research Proposal Preparation 6
Dissertation 18

Total Credit Hours (beyond the M.A.) 57

Other Requirements

In addition to the course work hours described in Section IV-A, students must also complete the following to earn a Ph.D.

Comprehensive Exam

All students must pass two written comprehensive examinations. The first exam tests students in the general areas of political science and international studies, and the second exam test students on their chosen track. Both exams must be taken on the same day. A rotating committee of faculty members composes and grades those exams. The comprehensive examinations for the Ph.D. program are separate from the comprehensive examinations for the MA in Political Science program. Students may not substitute comprehensive examinations taken to fulfill a Masters degree for their Ph.D. comprehensive exams.

Foreign Language

All students must demonstrate competency in at least one foreign language. Students must pass the competency exam administrated by the World Language Education Department. Additionally, students, whose research focuses on a particular area of the world, must be proficient in language(s) native to that region.

Dissertation Proposal

Students must present their dissertation proposal in written and oral form to their dissertation committee. Dissertation committees must contain four members from the Department of Government & International Affairs, one of whom is the student's major dissertation advisor. Students must also select a professor from outside the department. After passing this oral defense, students then research and write their dissertation. Students must present their dissertation at an oral defense, and their committees determine whether the students passed. Finally, students must submit written copies of their dissertations with the signatures of their committee members. All dissertations must conform to University of South Florida format rules.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

HISTORY PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: January 15
Fall admission only

Minimum Total Hours: 36
Program Level: Masters
CIP Code: 54.0101
Dept Code: HTY
Program (Major/College): HTY AS

Concentrations:

American History (AHY)
Ancient History (AHS)
European History (EHS)
Latin American History (LAH)
Medieval History (MHS)

CONTACT INFORMATION

College: Arts and Sciences
Department: History

Contact Information: www.grad.usf.edu
Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

The Department of History offers the M.A. degree. Members of the graduate faculty in History have earned recognition as teachers, scholars, and contributors to the community. The Department offers both a Master of Arts degree organized around the following fields:

- Field 1: American History to 1877
- Field 2: American History since 1877
- Field 3: Ancient History
- Field 4: Medieval History
- Field 5: Early Modern Worlds
- Field 6: Modern Europe since 1789
- Field 7: Latin America

Across these fields, students can request, in consultation with their Major Professor, concentrations organized thematically or geographically. .

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university plus

- **GPA** of at least 3.0
- **GRE** Scores of at least 500 Verbal, 500 Quantitative, and 4.5 in writing. Only current scores within the last 5 years) will be accepted.

- **Letters of Recommendation:** Two letters of recommendation on behalf of the applicant are required. These letters should come from academic sources familiar with the quality of the applicant's college-level work and indicate his/her graduate program potential. We require letters of Recommendation to be submitted in hard copy signed, and on official letterhead. Electronically submitted letters of recommendation (i.e. email) will not be accepted.
- **Statement of Purpose:** A two-page statement is required that delineates historical and intellectual areas of interest, proposed fields of study, educational and professional goals, the faculty the applicant is potentially interested in working with, and why the applicant sees him/herself as a good fit with our program.
- **A Writing Sample:** A sample of written work which indicates the applicant's ability to write effectively and preferably, to conduct historical research and analysis must be submitted. The sample should be approximately 15 pages in length. Appropriate examples include a term paper, research paper, or thesis chapter.
- No application materials (e.g. letters, writing samples, statements of purposes) will be accepted electronically. The Letters of Recommendation, Statement of Purpose, and writing sample should be sent directly to
 Graduate Program Director
 University of South Florida
 Department of History
 4202 E. Fowler Ave., SOC 107
 Tampa, FL 3620-8100

A B.A. in history is preferred. The Department will consider applicants without a recent background in undergraduate history, but they may be required to complete Theory of History (HIS 4104) as well as several upper division and/or graduate level courses in relevant fields with a grade of "B" or higher. These should be chosen in consultation with the Graduate Program Director or Major Professor.

DEGREE PROGRAM REQUIREMENTS

In addition to the general requirements of the University, a candidate is required to complete a total of 36 hours in the following distribution:

Total Minimum Hours:	36
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Core Requirements

Core Courses

HIS 6112 Analysis of Historical Knowledge	4
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Major Field (16 hours)

HIS 6939 Seminar in	4
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HIS 6925 Colloquium in	4
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HIS 6908 Directed Research	1-19
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Minor Field (8 hours)

HIS 6939 Seminar in History	4
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HIS 6925 Colloquium in History	4
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HIS 6908 Directed Research	1-19
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Of the 36 hours required for the Master of Arts, at least 20 must be in formal, regularly scheduled course work. A minimum of 16 must be at the 6000 level. Subject to the satisfaction of above requirements, courses at the 5000 level are acceptable as part of a planned degree program. In special circumstances, major advisors may approve up to six (6) hours at the 4000 level with the understanding that additional and superior work will be required of the graduate student. Students may take a maximum of 8 hours in Directed Research and/or Independent Study and a maximum of 8 hours in "Colloquia" (HIS 6925).

After beginning course work, M.A. students select an advisor in their anticipated major field of study. Students arrange their programs and schedules of appropriate courses with their Major Professor. . Additionally, the student in consultation with the advisor asks two other members (normally one from the major and one from the minor fields) to

serve on a supervisory committee. The student is required to have completed successfully at least 4 credits of course work with each member of his/her committee. Students with two unresolved "incomplete" grades (of any credit total) will not be permitted to register for additional history courses until at least one "incomplete" grade is resolved.

Thesis (HIS 6971) (8 hours)

Non-Thesis (8 hours)

8 hours of 6000 level regularly scheduled history courses.

Comprehensive Examinations:

A six-hour written comprehensive examination will be in fields and consist of answering two questions in a major field and one in a minor field. In addition, at the discretion of the committee, an oral examination may be administered. The examination questions and student answers will form part of the student's Department file. A student must have no "incomplete" grades and be enrolled for a minimum of two (2) hours during the term the comprehensive examination is taken.

Transferring classes from other Institutions or from USF Tampa

With approval, graduate courses taken at other institutions (including USF St. Petersburg and other separately accredited USF Institutions) or taken at USF Tampa may be transferred in or provide for a waiver of degree requirements. For the History Program at USF Tampa a student may transfer up to 9 credits of graduate level coursework from a non-completed degree from another institution (including separately accredited USF Institutions), or 12 credits from enrollment at USF Tampa (for instance as a non-degree seeking student). In all cases a grade of "B" or better is required. To view the entire baseline University Policy on what may be transferred or waived, refer to the Transfer of Credit Policy in the Graduate Catalog online at www.grad.usf.edu/catalog

Language Requirements:

A reading proficiency in one foreign language most applicable to a student's field of research (as determined by the Major Professor) must be demonstrated by all students in the M.A. program. The language requirement will be fulfilled in one of two ways:

- 1) A two-hour examination administered by the Department. The student will be expected to translate satisfactorily a 500 word passage, with the assistance of a dictionary.
- 2) With the approval of the major professor, the student may take two semesters of an intermediate level foreign language. In order to fulfill the foreign language requirement, the student must receive a "B" or above in each semester's course. Those students who have met these requirements as an undergraduate may have the language requirement waived by petitioning the Graduate Committee.

Students with a major field in American History and with a thesis topic that does not require use of a foreign language may substitute quantitative methods for the language requirements. The quantitative methods option will be fulfilled by successful completion with a grade of at least "B" in one of the following courses:

ANG 5486	Quantitative Methods in Anthropology	3
EDF 6407	Statistical Analysis in Educational Research	4
POS 6736	Political Research Methods	3
MAT 5932	Selected Topics	3

Graduation and Master's Thesis:

- A satisfactory performance in the core course, two fields, and the completion of a comprehensive examination are required of all M.A. students for graduation.
- In order to graduate, a student must submit an "Application for Degree" to the CAS Graduate/Undergraduate Office by the deadline noted in the Academic Calendar for the term during which graduation is anticipated.
- Students selecting the thesis option must follow the final submission process in the Graduate School to be considered for graduation. For information refer to the Graduate School website www.grad.usf.edu
- Students may not participate in commencement unless all requirements have been satisfactorily completed.

- All requirements for master's degrees must be completed within five (5) calendar years from the student's date of admission for graduate study.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

HISTORY PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: January 15
Fall admission only

Minimum Total Hours: 58 (post-masters)

Program Level: Doctoral

CIP Code: 54.0101

Dept Code: HTY

Program (Major/College): HTY AS

CONTACT INFORMATION

College: Arts and Sciences

Department: History

Contact Information: www.grad.usf.edu

Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

Our Ph.D. program features an innovative model of doctoral education designed to insure broad interdisciplinary connection with related disciplines. Areas of specialization cover a number of fields, including Colonial through Modern US; the Ancient, Medieval, and Early Modern Worlds; Modern Europe; and Latin America.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

The minimum requirements for consideration for admission to the Ph.D. program in history include:

- **Master's Degree and Grade Point Average:** Applicants must have completed an M.A. in History or a related field (as determined by the admissions committee) with a G.P.A. in graduate level coursework of at least 3.5 as demonstrated by official transcripts.
- **GRE.** Applicants will have a minimum score of at least 600 Verbal and 500 Quantitative. Only current scores (within the last 5 years) will be accepted. .
- **Letters of Recommendation:** Three Letters of Recommendation on behalf of the applicant are required. These letters should come from academic sources familiar with the quality of the applicant's scholarly work and indicate his/her doctoral program potential. We accept only signed, hard copies, on official letterhead. No electronic letters of recommendation will be accepted.
- **Statement of Purpose:** A statement is required that delineates historical and intellectual areas of interest, proposed fields of study, educational and professional goals, faculty the applicant is potentially interested in working with, and why the applicant sees him/herself as a good fit with our program.
- **Sample of Writing:** A sample of written work which indicates the applicant's ability to conduct primary source based research and to write effectively must be submitted. The sample may include a publication, seminar paper, or a thesis chapter
- **Language:** Applicants will provide evidence of proficiency in the foreign language(s) of their primary field of study.
- **Further Information:** may be requested by the Department as necessary, possibly including a finalist interview. .

The Letters of Recommendation, Statement of Purpose, and Writing Sample should be sent directly to:

Graduate Program Director
 Department of History
 University of South Florida
 4202 E. Fowler Ave., SOC 107
 Tampa, FL 33620-8100

Electronic submissions of application materials (including letters of recommendation) will not be accepted.

DEGREE PROGRAM REQUIREMENTS

Total Minimum Hours:

58

Plan of Study

In addition to the general requirements of the University as explained in the USF Graduate Catalog, a candidate is required to complete a total of 58 credit hours in the following distribution:

Core Requirements

Interdisciplinary Professional Seminar 3 hours

This course is as an Introduction to the interdisciplinary nature of this unique Ph.D. program, and will offer new students to the History program the opportunity to engage with their colleagues in Political Science and Sociology. This *Pro-Seminar* is organized around one common theme and focuses on the methodologies and theories of these related disciplines so that students gain a working knowledge of the complementary aspects of these fields

HIS 6112 Analysis of Historical Knowledge 4 hours

Analysis of Historical Knowledge examines both the theories behind and the practical effects of varieties of methodological approaches to historical research. Students who have taken this course as part of a USF History M.A. will not be required to repeat it.

HIS 7xxx Seminar in Comparative Studies 4 hours

Seminar in Comparative Studies introduces doctoral candidates to the breadth of historical scholarship on social concepts such as globalization, imperialism, identity, urbanization, etc. These seminars will guide students through historical scholarship on various times and places, all organized and united around the same central concept, to demonstrate the different perspectives achieved by comparative study.

Major Field Studies 20 hours

Students will complete approximately five courses within the History department devoted to the study of their primary region and period of interest.

Interdisciplinary Electives 6-8 hours

Students will complete two courses chosen from the graduate course offerings in the Department of Sociology and/or the Department of Government and International Affairs

Government and International Affairs

INR 6036	Seminar in International Political Economy	3
CPO 6036	Politics of Developing Areas	3
INR 5012	Globalization	3
PAD 6041	Ethics and Public Service	3
CPO 6xxx	Comparative Environmental Politics	

Anthropology

ANG 6197	Public Archaeology	
ANG 6447	Selected Topics in Urban Anthropology: Anthropology and Development	3
ANG 6469	Selected Topics in Medical Anthropology: Foundations of Medical Anthropology	3
ANG 6465	Regional Problems in Medical Anthropology	3
ANG 6315	Applied Anthropology and International Health	
ANG 7709	Applied Anthropology and Human Problems	
ANG 5937	Seminar in Anthropology: Environmental Anthropology	
ANG 6448	Regional Problems in Urban Anthropology	3

Sociology

SYA 7475	Community Analysis	
SYO 7420	Comparative Sociology of Health Care Systems	
SYD 7237	Immigrants to America: Community Impacts	
SYP 7111	Communities and Identity	3
SYG 7209	City and Community	
SYA 7930	Globalization and Cities	
SYD 7505	Seminar in Urban Research	
SYO 7435	Sociology of Disability in Urban Society	3
SYD 6225	Seminar in the Sociology of Education and Inequalities	
SYA 6008	Social Problems, Identities, and Communities	3
SYP 6425	Sociology of Consumer Culture	3
SYP 6425	Sociology of Consumer Culture: Social Movements in a Global Society	
SYD 6706	Global Perspectives on Race and Ethnicity	3

Capstone Seminar

3-4 hours

This course will act as the final participatory coursework of the Ph.D. candidates before they proceed to the dissertation writing stage.

Language Requirement for Ph.D. Students

Students must demonstrate proficiency in their primary language of research by the end of the first year of study. In fields where more than one language is required, students must complete their language exams before they can take the comprehensive exam. Language requirements must be fulfilled before students can progress to the dissertation stage. Written examinations to test a student's language proficiency will be administered through the USF Dept. of World Languages in conjunction with the student's Major Advisor. The precise format of the exam and the level of language competency needed to pass will be determined in each case by the student's advisor.

Field	Language (s) Required
Ancient	Classical Greek, Classical Latin, French, and German
Asia	Primary Asian language of research plus one additional language
Byzantine	Byzantine Greek, Latin, French, and German
Early Modern Europe	Primary European language of research plus one additional European language (Latin may be required in some cases)
Europe	Primary European language of research plus on additional European languages
Latin America	Spanish and Portuguese
Medieval Europe	Medieval Latin, plus two additional European languages
Middle East	Primary Middle Eastern language of research plus one additional language
United States	Foreign language most pertinent to research agenda

Comprehensive Exam

- After admission to the Ph.D. program, the student must complete 40 hours (minimum) of coursework before taking written and oral comprehensive examinations in the applicable major and minor fields.

- If a student has satisfactorily completed the “Analysis” requirement at the MA level that is before admission to candidacy the student is eligible to take the comprehensive examination after a minimum of 36 hours of coursework.
- These exams will be conducted by the student’s Supervisory Committee. The oral exams shall be taken within one week after the written exams have been completed. Exams may be retaken once if necessary.

Dissertation Proposal

Students must complete an oral dissertation defense with the members of the dissertation committee. Dissertation committees must be composed of a minimum of four faculty members, one of whom may be drawn from an academic institution other than USF. Faculty from fields other than History may serve on dissertation committees upon approval of the student’s faculty advisor.

Dissertation Writing Hours**18 hours**

These hours are intended to give students the opportunity to work closely with their dissertation committee and focus on research, writing, and revision.

Transferring classes from other Institutions or from USF Tampa

With approval, graduate courses taken at other institutions (including USF St. Petersburg and other separately accredited USF Institutions) or taken at USF Tampa may be transferred in or provide for a waiver of degree requirements. For the History Program at USF Tampa a student may transfer up to 9 credits of graduate level coursework from a non-completed degree from another institution (including separately accredited USF Institutions), or 12 credits from enrollment at USF Tampa (for instance as a non-degree seeking student). In all cases a grade of “B” or better is required. To view the entire baseline University Policy on what may be transferred or waived, refer to the Transfer of Credit Policy in the Graduate Catalog online at www.grad.usf.edu/catalog

Timeframe

All requirements must be completed within the university-mandated time frame after admission to the Ph.D. program.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

LATIN AMERICAN, CARIBBEAN, AND LATINO STUDIES PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 15
Summer:	February 15

Minimum Total Hours:	36
Program Level:	Masters
CIP Code:	5.0107
Dept Code:	GIA
Program (Major/College):	LAS AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Institute for the Study of Latin America and the Caribbean (ISLAC)

Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The mission of ISLAC is to promote the study of Latin America and the Caribbean, to further USF's strategic plan for internationalization. ISLAC is an academic unit devoted to interdisciplinary research and teaching focused on economic, social, political and cultural formations in Latin America and the Caribbean and among the Hispanic/Latino populations in North America, framing these issues in the broader context of human security in the Americas. ISLAC holds mini research awards for Affiliate Faculty. This is a way to encourage and support research, conference participation and course development in all fields related to Latin American, Caribbean and Latino Studies.

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

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Faculty Interests Include:

ISLAC 63 affiliate faculty members are drawn from a number of social science, humanities, arts, and human service fields, including, but not limited to History, Spanish-American and Caribbean Languages and Literature, Humanities, Anthropology, Political Science, Sociology, Economics, Business, Geography, Public Administration, Fine Arts, Public Health, Education, African Diaspora, Women's Studies and Mental Health.

Research Areas:

Cuba, Caribbean, Southern Cone, Gulf Coast, Puerto Rico, Bolivia, Mexico, Ecuador, Peru, Guatemala, Nicaragua, Brazil, Costa Rica, Honduras, Meso and Central America.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as University in addition to: must have:

- 3.00 GPA
- three letters of recommendation
- statement of purpose and
- resume
- GRE not required, but suggested for full financial consideration

DEGREE PROGRAM REQUIREMENTS

The Curriculum consists of 36 credits divided into three categories:

Core requirements	9 credits (6 seminar, 3 methodology)
Major Field requirements	12 credits
Minor Field requirements	6 credits
Additional Elective	3 credits
Thesis or Electives	6 credits

Core Requirements

Students must take two interdisciplinary core seminars and a methods course upon entering the program. The core seminars, directed by a faculty member from one of the participating departments, will familiarize students with the literature, existing knowledge, and research approaches of the various fields of area studies and invited to acquaint students with faculty and their research. The purposes of the seminars are:

- to provide an interdisciplinary graduate experience
- to foster a community of scholars and learners focused on Latin American, Caribbean, and Latino experiences
- to encourage the integration of learners into the larger Latin communities of Tampa Bay, West Florida, and the hemisphere.

Students will also take a three (3) hour methodology course that acquaints them with particular research relevant to their discipline and when possible, Latin America and/or the Caribbean. This includes special approaches to finding documentation from Latin America and the Caribbean; newly-available search tools available on the internet; and an overview of how disciplines utilize different research materials.

Major and Minor Fields

With the concurrence of the ISLAC advisor, students will elect major and minor fields during their first semester. These fields will draw heavily on participating departments (e.g. Anthropology, History, Government and International Affairs, Art History). At that time the student will constitute a supervisory committee, made up of two professors from the major field and one from the minor field. The committee members will counsel the student and serve as members of the exam or thesis committees.

A large number of courses are available to fulfill the major and minor field requirements. These are listed separately and change somewhat from year to year. Departments who frequently work with ISLAC are Anthropology, Government and International Affairs, Sociology, Mass Communication, Geography, Social Work, Women Studies, Global Health, Philosophy, Economics, History, World Languages, Humanities and American Studies, Art History and Africana Studies. Students may also request to have courses from other departments count toward major or minor fields.

Electives

Students can take one elective from outside the major and minor fields, in order to complement their core studies. These might be technical courses, study abroad courses internships, math and science courses, methodology, or another unrelated field. In all cases, students must justify their elective hours and receive approval from their committees.

In addition, students opting for the non-thesis track must take one more course in each of their major and minor fields (2 courses total). Students considering teaching in community colleges are encouraged to take more classes in their major field.

Graduation Requirements

At the conclusion of their coursework, students who opted for thesis must gain approval of the thesis by the committee. All candidates for the degree must also demonstrate language proficiency either by examination or by completing a 3000-level course in Spanish or Portuguese with a B or better. Finally, all non-thesis candidates must pass a six (6) hour comprehensive written exam of three questions, which will be composed and graded by the committee. Students must also meet all College and University Graduation Requirements.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm> or <http://shell.cas.usf.edu/islac/>

LIBERAL ARTS PROGRAM

Master of Liberal Arts (M.L.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 15
Summer:	February 15

Minimum Total Hours:	33
Program Level:	Masters
CIP Code:	24.0101
Dept Code:	HUM
Program (Major/College):	MLA AS

Concentrations:

Africana Studies (AFT)
 Film Studies (FLM)
 Humanities (HTS)
 Liberal Studies (LSS) *closed for admission*
 Social and Political Thought (SPT)

CONTACT INFORMATION

College:	Arts and Sciences
Departments:	Africana Studies Humanities and Cultural Studies

Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The Master of Liberal Arts offers students an opportunity to study from an interdisciplinary perspective the ideas and works that have shaped world culture. Five program concentrations are available: Africana Studies (AFT), Film Studies (FLM), Humanities (HTS), Liberal Studies (LSS) *closed for admission*, Social and Political Thought (SPT).

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

- Upper division undergraduate GPA of 3.00
- Applicants are required to take the GRE as part of the application process and matter of record.
- Contact individual concentration advisors for possible additional requirements (e.g., transcripts, recommendations, preferred GRE Scores, writing samples, etc.)

DEGREE PROGRAM REQUIREMENTS

Program Minimum Hours

33

Students select from the following Concentrations:

Africana Studies Concentration – Total minimum required hours (33)

Courses – 30 hours from the approved course list.

Option I

Concentration courses		12 hours
AFA 6805 – African Historiography	3	
AFA 6207 – African American Historiography	3	
AFA 6120 – Social Theory and Social Thought	3	
AFA 6355 – African American Community Research	3	
Electives		18 hours
Africana Studies elective credits	9	
Approved outside electives;	9	
Thesis		3 hours
AFA 6971- Thesis		
Comprehensive Exam		
Satisfactory completion of written comprehensive examination and thesis.		

Option II

Concentration courses		12 hours
AFA 6805 – African Historiography	3	
AFA 6207 – African American Historiography	3	
AFA 6120 – Social Theory and Social Thought	3	
AFA 6355 – African American Community Research	3	
Other Required Courses		15 hours
Outside courses leading to a Graduate Certificate in an applied skills area		
Electives		3 hours
Africana Studies elective courses		
Internship		3 hours
AFA 6945 Internship		
Comprehensive Exam		
Satisfactory completion of a written comprehensive examination.		

Film Studies Concentration – Total minimum required hours (33)

Concentration Courses		27 hours :
HUM 6801 Theories and Methods of Cultural Studies	3	
HUM 6586 Film Theory	3	
HUM 6815 or AMS 6815 Research Seminar	3	
Additional coursework selected in consultation with the Graduate Director.	18	
Thesis		6 hours
AMS 6971 or HUM 6971 - Thesis		
After the completion of coursework, each student will select a thesis topic; constitute a thesis committee; and write and orally defend a thesis proposal. Each student will then write and orally defend a 40-80 page thesis. During the proposal and thesis writing stage, students are required to enroll for 6 thesis hours.		

Comprehensive Exam

The submission and oral defense of the thesis proposal equates to the comprehensive exam.

Humanities Concentration – Total minimum required hours: (33)

Concentration Courses –		27 hours
27 hours in courses from the approved list.		
Humanities Courses		18 hours
HUM 6815 Research in Humanities	3	
HUM 6801 Theories and Methods of Cultural Studies	3	
Other courses from the approved list		
Outside electives- up to 9 hours		9 hours

At least 15 hours must be at the 6000 level; 6 hours may be at the 4000 level.

Language Translation Exam

After the completion of coursework, each student will take a language translation examine in the language of their choosing;

Thesis		6 hours
HUM 6971		

After the completion of coursework, each student will select a thesis topic; constitute a thesis committee; and write and orally defend a thesis proposal. Each student will then write and orally defend a 40 to 80 page thesis. During the proposal and thesis writing stage, students are required to enroll for 6 thesis credits.

Liberal Studies Concentration – Total minimum required hours: (33)

Closed for Admission

Concentration Courses		27 hours
Courses chosen in consultation with the Graduate Director, including		
HUM 6801 Theories and Methods of Cultural Studies or	3	
AMS 6156 Theories and Methods in Cultural Studies or	3	
an equivalent methodology course pertinent to the student's field of study		

And

HUM 6815 Research in Humanities or	3	
AMS 6938 Seminar in American Studies or	3	
an equivalent applied research seminar pertinent to the student's field of study.		

At least nine but no more than 12 hours must be taken in a single department. Six hours may be at the 4000 level.

Thesis		6 hours
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After the completion of coursework, each student will select a thesis topic; constitute a thesis committee; and write and orally defend a thesis proposal. Each student will then write and orally defend a 40 to 80 page thesis. During the proposal and thesis writing stage, students are required to enroll for 6 thesis hours.

Social and Political Thought Concentration—Total minimum required hours: (33)

Concentration Courses		27 hours
Courses approved by a committee selected by the student from the program faculty.		

Thesis		6 hours
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After the completion of coursework, each student will select a thesis topic; constitute a thesis committee; and write and orally defend a thesis proposal. Each student will then write and orally defend a 40 to 80 page thesis. During the proposal and thesis writing stage, students are required to enroll for 6 thesis hours.

All Concentrations require the student to work closely with an assigned major professor. Prior to registration for the second semester in the Liberal Studies and Africana Studies sequences, the student must submit in writing to the Master of Liberal

Arts Program Director (Liberal Studies Concentration) or the Director of Africana Studies (Africana Studies Concentration) a signed statement of intent to focus on a particular concept, idea, theme, or area of emphasis. This statement must be approved, dated, and signed by the Director and made a part of the student's record. Subsequent courses selected for study are expected to center around this stated focus. Variation from the focus must be approved by the Director. Courses may be taken from any of the programs listed below:

- American Studies
- Anthropology
- Art
- Communication
- Criminal Justice
- English
- Geography
- History
- Humanities
- Interdisciplinary Social Science
- Language
- Mass Communications
- Philosophy
- Political Science
- Religious Studies
- Sociology

Specific course listings for each Concentration may be obtained from the MLA office, CPR 363.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

LIBRARY AND INFORMATION SCIENCE PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	June 1
Spring:	October 15
Summer:	March 1

Minimum Total Hours:	39
Program Level:	Masters
CIP Code:	25.0101
Dept Code:	LIS
Program (Major/College):	LIS AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	School of Information
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The mission of the School of Information is to educate students for careers and leadership roles in library and information professions that serve the needs of a culturally diverse, technological society; to contribute to the body of theoretical and applied knowledge in the discipline; and to serve current and emerging needs in the University, the community, and the profession. For Goals, Objectives, and Student Learning Outcomes, refer to the program's web page.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools and the American Library Association (ALA).

For students interested in School Library Media as a profession, completion of the USF/SLIS program results in (1) a Master of Arts degree accredited by the American Library Association, which will allow the recipient to work in all types of libraries, (2) appropriate coursework for passing the state examination for certification as an Educational Media Specialist for Grades K-12 in the state of Florida. For more information, see <http://si.usf.edu/graduate/programs/media/>

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

GRE is required with minimum scores of 550V, 450Q. However, the LIS program will waive the GRE requirement if the student meets one of the following criteria:

- a 3.5 or higher GPA in a completed master's degree program from a regionally accredited institution
- a 3.25 or higher GPA in upper division undergraduate work from a regionally accredited institution.
- Doctoral degree (including professional degrees such as the JD and MD) from a regionally accredited institution.

All students not meeting one of the above criteria will be considered for conditional admission based on all of the following criteria:

- A minimum score of 550 on the Verbal section and 450 on the Quantitative section of the General GRE test.
- An academic writing sample
- Three written letters of recommendation

Conditional admission status will be converted to regular status upon completion of the first three LIS courses with a GPA of 3.5 or above. LIS 5020 must be included as one of these courses.

1. A satisfactory score on the TOEFL (79 on the internet-based test and 550 on the paper-based test) may be required for natives of non English-speaking countries.
2. All students are required to write a statement describing their purpose and goals in the LIS program

DEGREE PROGRAM REQUIREMENTS

A minimum of 39 semester hours is required for the Master's degree program. Students must maintain a 3.0 grade point average of "B" or better and no more than two grades below "B" will be accepted. Transfer credit from other recognized graduate schools is limited to six semester hours taken within the last five years with grades of "B" or better. All transfers must be approved by the candidate's faculty advisor. Transfer credits must be posted to a student's permanent record no later than one full term prior to graduation.

Required Courses

The student must complete the following 39 hour program, including six core courses:

LIS 5020 Foundations of Library and Information Science <u>or</u>	3
LIS 6260 Information Science in Librarianship	3
LIS 6271 Research Methods in Library and Information Science	3
LIS 6409 Introduction to Library Administration	3
LIS 6511 Collection Development and Maintenance	3
LIS 6603 Basic Information Sources and Services	3
LIS 6711 Organization of Knowledge <u>l</u> <u>or</u>	3
LIS 6735 Technical Services in Libraries	3

Elective courses totaling 21 credit hours. These courses must be approved by the student's advisor. Some options include:

LIS 5268 Microcomputer Applications Library and Information Centers	3
LIS 5315 Instructional Graphics	3
LIS 5333 TV in Schools and Libraries	3
LIS 5418 Health Informatics for Medical Librarians	3
LIS 5566 Multicultural Literature for Children and Young Adults	3
LIS 5937 Selected Topics in Library Studies	4
LIS 6110 History of Libraries	3
LIS 6111 History of Children's Literature	3
LIS 6206 Adult Services in Libraries	3
LIS 6212 Reading Guidance Programs in Libraries and Classrooms	3
LIS 6225 Storytelling	3
LIS 6303 Preparing Instructional Media	3
LIS 6316 Visualization of Knowledge	3
LIS 6402 Advanced Library Administration	3
LIS 6432 Seminar in Academic Libraries	3
LIS 6445 Seminar in Public Libraries	3

LIS 6455	Organization and Administration of the School Media Center	3
LIS 6463	Library Networks and Systems	3
LIS 6464	Library Systems Analysis and Planning	3
LIS 6472	Seminar in Special Libraries	3
LIS 6473	Law Librarianship	3
LIS 6475	Health Sciences Librarianship	3
LIS 6542	The Curriculum and Instructional Technology	3
LIS 6565	Books and Related Materials for Young Adults	3
LIS 6585	Materials for Children	3
LIS 6609	Online Information Sources and Services	3
LIS 6610	Information Sources and Services in the Humanities	3
LIS 6620	Information Sources and Services in the Social Sciences	3
LIS 6624	Information Sources and Services in Business and Law	3
LIS 6630	Information Sources and Services in Science and Technology	3
LIS 6661	Government Documents	3
LIS 6724	Classification and Cataloging of Non-Book Materials	3
LIS 6726C	Indexing and Abstracting	3
LIS 6712	Organization of Knowledge II	3
LIS 6514	Digital Libraries	3
LIS 6906	Independent Study	3
LIS 6946	Supervised Fieldwork	3
LIS 6949	Practicum in Archives and Special Collections	2-6

Courses Outside the School

Degree-seeking students are permitted to enroll in courses, usually limited to six semester hours, outside the School of Information when, in the context of the development of a purposeful program, an interdisciplinary approach seems appropriate. Students must obtain the prior approval of their Faculty advisor.

Comprehensive Examination

Students must pass a written comprehensive examination. Students will take the comprehensive examination in their last semester. Students must be enrolled for a minimum of two credit hours during the semester in which they take the comprehensive examination. The School conducts comprehensive examinations only in the spring, summer, and fall semesters.

OTHER INFORMATION

ALA-USF, ASIST-USF, and SLA-USF are student chapters of the American Library Association, American Society for Information Science & Technology and Special Libraries Association linked with the School of Information and are open to all members of the University community interested in information science or librarianship. All provide programs and guest speakers of interest to the campus community, maintain several discussion lists, and publish a newsletter for their members. These organizations are the voice of students in the school, and members of the associations are included on committees within the School.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>
<http://si.usf.edu/>

LINGUISTICS PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:
Closed for new admissions

Minimum Total Hours: 33
Program Level: Masters
CIP Code: 16.0102
Dept Code: WLE
Program (Major/College): LIN AS

CONTACT INFORMATION

College: Arts and Sciences
Department: World Languages
Contact Information: www.grad.usf.edu
Other Resources: www.usf4you.usf.edu

Currently, students are not being admitted to this program.

LINGUISTICS: ENGLISH AS A SECOND LANGUAGE PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 15

Minimum Total Hours:	39
Program Level:	Masters
CIP Code:	16.0102
Dept Code:	WLE
Program (Major/College):	ESL AS
Also offered as:	Applied Linguistics

CONTACT INFORMATION

College:	Arts and Sciences
Department:	World Languages
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

Linguistics is primarily an upper-level and graduate discipline with strong interdisciplinary concerns. The Linguistics Program offers two graduate tracks:

1. The Master of Arts in Linguistics (thesis)(**currently inactive**), and
2. The Master of Arts in Applied Linguistics (Teaching English as a Second Language); (non-thesis).

For information on the M.A. in Linguistics, refer to that Program listing.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

Language testing, curriculum development, second language learning and teaching.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university. GRE is also required but may be waived for applicants with a master's degree. Scores at or above 430 V and 4.0 AW are generally considered acceptable. Also must have:

- three letters of recommendation,
- a two-page statement of purpose, written by the applicant.
- Students whose native language is other than English and whose bachelor's degree was not earned in an English-medium university in an English speaking country must provide a TOEFL score of 600 (250 on the computerized version).

Applicants should note that proficiency in a second language is required by the time of graduation.

DEGREE PROGRAM REQUIREMENTS

Non-Thesis: Applied Linguistics (TESL)

Core Requirements		27 hours
LIN 5700 Applied Linguistics	3	
LIN 6081 Introduction to Graduate Studies in Linguistics	3	
LIN 6675 Grammatical Structure of American English	3	
LIN 6720 Second Language Acquisition	3	
LIN 6748 Contrastive Analysis	3	
TSL 5371 Methods of TESL	3	
TSL 5372 ESL Curriculum and Instruction	3	
TSL 5440 Language Testing	3	
TSL 5525 Cross-Cultural Issues in ESL	3	

Electives **6 hours**
Six hours of approved electives. Students select electives in consultation with the program adviser.

Internship **6 hours**
TSL 6945 – Internship

A three-part Exit Assessment consisting of a linguistic analysis of an ESL student, theory-to-practice paper and portfolio of major course assignments and other relevant items is required for the program. Students are required to demonstrate proficiency in a language other than their native language by the end of the program.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

MASS COMMUNICATIONS PROGRAM

Master of Arts (M.A) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 15
Summer:	February

Minimum Total Hours: 39

Program Level: Masters

CIP Code: 9.0102

Dept Code: MCM

Program (Major/College): COM AS

Concentrations:

- Media Studies (MCM)
- Strategic Communication Management (PRS)
- Multimedia Journalism (MMJ)

CONTACT INFORMATION

College: Arts and Sciences

Department: School of Mass Communications

Contact Information: www.grad.usf.edu
Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

The M.A. degree program in Mass Communications is designed for students who are seeking advanced studies in preparation for professional and academic careers in mass communications. The program offers one degree, the Master of Arts in Mass Communications. The Media Studies Concentration emphasizes the theoretical principles and research methods of mass communications. The Strategic Communication Management Concentration emphasizes public relations management and social science research. The Multimedia Journalism Studies Concentration focuses on storytelling through the integration of different delivery platforms, and on management issues in converged newsrooms.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools and the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC)

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university except that the students are required to have

- both a 3.0 upper division GPA
- 500V, 500Q on the GRE
- a resume
- three letters of recommendation (academic recommendations preferred)
- a strong letter of intent
- an appropriate bachelors degree from an accredited institution
- Students who lack an appropriate background in the selected concentration may be required to take additional courses to meet concentration minimums.

DEGREE PROGRAM REQUIREMENTS

Total Minimum Hours: **39 hours**

Core Requirements **12 hours**

MMC 6920 – Introduction to Mass Communication Research	3
MMC 6401 – Mass Communication Theory	3
MMC 6421 – Research Methods	6

Concentration Requirements **12 hours**

Concentration in Media Studies

This program requires 39 hours of course work, including 6 hours of thesis. At least twenty-four hours are taken in the School of Mass Communications. The remaining 9-12 hours may be taken in graduate-level courses offered in other departments of the University.

Concentration in Multimedia Journalism

The graduate concentration in Multimedia Journalism prepares students to take leadership positions in journalism through their knowledge of the field of mass communications, management in the media environment and the ability to combine storytelling skills in the areas of print, broadcast and electronic communication. The concentration requires a total of 39 hours of which 12 are core requirements, 12 are in the multimedia core, 6 are thesis or applied research project, 6 are electives in the Mass Communications graduate program and 3 are in an outside requirement.

Requirements **12 hours**

JOU 6501 Media Management	3
JOU 5344 Multimedia Journalism	3
JOU 6349 Advanced Multimedia Journalism	3
MMC 6612 Law and Mass Media	3
Thesis OR MMC 6950 Applied Research Project	6
Electives	6
1 Outside Requirement: EME 6936 Web Design and Multimedia	3

Concentration in Strategic Communication Management

The Strategic Communication Management Concentration emphasizes the integration of organizational communication functions such as public relations and advertising into a single communication management function. This program requires 39 hours of course work, including six (6) hours of thesis or six (6) hours of an applied research project, twelve (12) hours of the mass communications core, fifteen (15) hours of the strategic communication core, three (3) hours in management or leadership studies, and six (6) hours of electives.

Students in these concentrations are required to take a comprehensive written examination after they have completed at least 21 hours of mass communications course work, including the required courses for each concentration of study.

Core Requirements:15 hours)

PUR 6603 Strategic Communication Campaigns	3
PUR 6607 Strategic Communication Management	3
PUR 5505 Introduction to Strategic Communication Theory and Research	3
MMC 6415 Strategic Communication Media	3
MMC 6418 Strategic Message Design	3

Outside requirement (three hours): A course in organizational communication, management or leadership.

Thesis OR Applied research project (6) hours arranged with project committee chair.

Mass Communications or other electives (3 hours).

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

MATERIALS SCIENCE AND ENGINEERING PROGRAM

Master of Science in Materials Science and Engineering (M.S.M.S.E.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: February 15

Spring: October 15

Summer: February 15

Currently not open for admissions

Minimum Total Hours: 30

Program Level: Masters

CIP Code: 14.1801

Dept Code: PHY/All Engineering Dept.
except Computer Science
and Engineering

Program (Major/College): MSE AS or MSE EN

CONTACT INFORMATION

Colleges: Arts and Sciences
Engineering

Departments: Physics
Chemical Engineering
Civil Engineering
Electrical Engineering
Industrial Engineering
Mechanical Engineering

Contact Information: www.grad.usf.edu

Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

The field of Materials Science and Engineering (MSE) applies the fundamental principles of physics and chemistry to engineering materials, with a focus on the interrelationship between material structure, their properties, and the means by which they are processed. MSE impacts multiple facets of our economy, such as aerospace, electronics, transportation, communication, construction, recreation, entertainment, environment and energy. It is, by its very nature, an interdisciplinary field. The goal of the MS program in Materials Science and Engineering is to provide a route for well-qualified undergraduate students who desire in-depth graduate-level work including structured courses and research experience, in preparation for work in industry or for entrance into a relevant science or engineering Ph.D. program.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

- Applicants should have a Bachelor's degree in Engineering (Chemical, Mechanical, Industrial, Electrical, Civil, Materials Science, Ceramic, Metallurgy, Manufacturing, Polymer and related disciplines) or Natural Sciences (Physics, Chemistry or Biology) from an accredited institution.
- An applicant must have a cumulative GPA of 3.0 or higher during undergraduate studies.
- For specific GRE requirements all applicants should contact the admitting department
- At least 2 letters of reference
- Statement of objectives/purpose must be included with the application.

DEGREE PROGRAM REQUIREMENTS

Students will require a minimum of 30 total credit hours to qualify for the MS degree in MSE. The degree may be completed within 12 months by taking 12 credit hours in each of the fall and spring semesters followed by 6 credit hours during the summer. Students must take 15 credit hours of core courses (including a maximum of 3 credit hours for an interdisciplinary Graduate Materials Seminar), 9 hours of elective courses for the thesis option which requires an additional 6 hours of thesis research. For the non-thesis option, 6 additional hours of elective courses would be required in lieu of thesis hours. Courses taken for this program cannot be used to fulfill requirements of another Master's degree program.

Core Requirements

Required Core Courses

15 credit hours

EML/ECH 6931 &

PHY 6938 Materials Characterization

3

PHY/ENG 6935 Graduate Seminar Series in MSE

Min 2, Max 3

And three of the following five courses

9 credit hours

EML/ECH 6930 Advanced Materials

3

PHY 6938 Materials Physics I

3

PHY 6938 Materials Physics 2

3

ECH/EGN 6930 Diffusion, Transport and Kinetics in Solid Materials

3

PHZ 5405 Introduction to Solid State Physics

3

Elective Courses (9 hours):

EEL 6318 Characterization of Semiconductors

3

EEL 6353, 6354 Semiconductor Device Theory I and II

3, 3

CHE/EEL 6355 Compound Semiconductor Technology

3

PHY 6446 Lasers and Applications

3

PHY 6447 Physics of Lightwave Devices and Applications

3

EEL 6386, 6389 Principles of Semiconductor Device Modeling I, II

3, 3

EEL 6935 Microsystems and MEMS Technology

3

PHZ 5156C Computational Physics I

3

EEL 6935/ECH 6391 Chemical/Biological Sensors and Microfabrication

3

ECH 6749 Biomaterials and Biocompatibility

3

PHZ 6426 Solid State Physics II

3

CGN 6933 Corrosion of Engineering Materials

3

CGN 6933 Durability Issues in Cementitious Materials

3

EML 6930 Failure Mechanisms in Material

3

PHZ 6136 Physical Applications of Group Theory

3

EEL 6937 Introduction to Nanotechnology

3

ECH/EEL 6935 Wide Band Gap Semiconductor Technology I

3

ECH/EEL 6931 Wide Band Gap Semiconductor Technology II

3

CES 6107 Advanced Mechanics of Materials II

3

EEL 6935 Characterization of Defects in Electronic Materials

3

EIN 6935 Statistical Quality Control

3

ESI 6247 Statistical Design Models

3

EML 6232 Laminated Composite Materials

3

EML 6653 Applied Elasticity

3

EEL 5382 Physical Basis of Microelectronics

3

ECH 6230 Advanced Mass Transfer

3

EEE 5356 Integrated Circuit Technology

3

EEL 6935 Advanced I.C. Technology

3

EEL 6936 Bioelectricity

3

EML 6930 Cellular Engineering

3

EIN 6934 Introduction to Haptic Interfaces for Virtual Environments

3

EML 6930 Micro and Nano Manufacturing

3

EEL 0000 Materials for Energy Applications

3

EEL 6936 SiC Technology

3

Thesis/Non-Thesis Options

6 credits

Thesis Hours (6 credit hours)

For Non-thesis Option six additional credit hours of elective courses is required in lieu of thesis hours.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

MATHEMATICS PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

For Teaching Assistants, International and Financial Aid Applicants:

Fall:	February 1
Spring:	August 1

For Domestic applicants (US citizens or permanent residents) without financial aid or Teaching Assistant applications:

Fall:	February 15
Spring:	October 1

Minimum Total Hours:	30
Program Level:	Masters
CIP Code:	27.0101
Dept Code:	MTH
Program (Major/College):	MTH AS

Concentration:

Pure and Applied (PAA)

Also offered as a 5-year program

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Mathematics and Statistics
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The Department of Mathematics at the University of South Florida, Tampa Campus, is composed of approximately thirty faculty who do research in a variety of fields, and teach courses ranging from the freshman to the doctoral level.

The Department serves as the editorial base for the international journals: *Abstract and Applied Analysis* and *Journal of Theoretical Probability*. The Center for Mathematical Services within the department provides lectures, special programs for secondary students, and in service training programs in mathematics.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

Algebra, Analysis, Discrete Mathematics, Partial Differential Equations, Probability, Statistics, and Topology, including the following fields: Applied Mathematics, Approximation Theory, Combinatorics, Computational Statistics, Control Theory, DNA computing, Dynamical Systems, Graph Theory, Knot Theory, Nonlinear Analysis, Number Theory, Special Functions, Theoretical Computer Science, and other areas.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as general university requirements plus:

- a Bachelor's degree or equivalent in mathematical sciences or related area
- at least a 650 quantitative score on the GRE
- at least a 3.0 GPA in undergraduate math courses
- A completed math department application form
- Statement of goals

Students with insufficient preparation in real analysis and/or abstract algebra will be required to take MAA 4211 and/or MAS 4301 before or during their first semester of study.

DEGREE PROGRAM REQUIREMENTS

In *addition* to the University and College requirements, the students must fulfill the following requirements:

Credit Hours: A candidate must complete at least 30 credit hours in Mathematics. Specifically:

Some graduate courses are organized into Core and Elective Sequences as follows:

Core Requirements**Sequences:**

Algebra:

MAS 5107	Advanced Linear Algebra	3
MAS 5311	Algebra I	3
MAS 5312	Algebra II	3

Analysis:

MAA 5306	Real Analysis I	3
MAA 5307	Real Analysis II	3
MAA 6616	Abstract Integration	3

Mathematical Statistics:

STA 5326	Mathematical Statistics	3
STA 6326		

Topology:

MTG 5316	Topology I	3
MTG 5317	Topology II	3

Electives

Applied Mathematics: three courses, one from each group listed below:

(Group A)

MAP 5407	Methods of Applied Mathematics	3
MAP5345	Applied Partial Differential Equations	3

(Group B)

MAA 5405	Applied Complex Analysis	3
MAT 5932 (MAD 4401)	Selected Topics	1-4

(Group C)

MAP 6205	Control Theory and Optimization	3
MAT 6932	Selected Topics	1-4

Combinatorics:		
MAD 6206	Combinatorics I	3
MAD 6207	Combinatorics II	3
Complex Analysis:		
MAA 6406	Complex Analysis I	3
MAA 6407	Complex Analysis II	3
Statistical Methods:		
STA 5166	Statistical Methods I	3
STA 6167	Statistical Methods II	3
Dynamical Systems:		
MAT 5932	Selected Topics	1-4
MAT 6932	Selected Topics	1-4
Foundations:		
MHF 5306	Mathematical Logic and Foundations I	3
MHF 6307	Mathematical Logic and Foundations II	3
Linear Models and Multivariate Analysis:		
STA 6208	Linear Statistical Models 3	
STA 6356		
Nonlinear Analysis:		
MAP 5316	Ordinary Differential Equations I	3
MAP 5317	Ordinary Differential Equations II	3
Ordinary Differential Equations:		
MAP 6336	Theory Ordinary Differential Equations I	3
MAT 5932	Selected Topics	1-4
Partial Differential Equations:		
MAP 5345	Applied Partial Differential Equations	3
MAP 6356	Partial Differential Equations	3
Probability:		
STA 5446	Probability Theory I	3
STA 6447	Probability Theory I	3
Stochastic Processes and Time Series Analysis:		
STA 6206	Stochastic Processes	4
STA 6876	Time Series Analysis	3
Theory of Computing:		
MHF 5306	Mathematical Logic and Foundations I	3
MAD 6616	Algebraic Automata Theory	3

For degree requirements, each course from the Elective Sequence list above counts towards only one Elective Sequence. A qualifying examination based on a Core Sequence is called a Core Qualifying Examination. The syllabus for each examination is available from the Department. Core Qualifying Examinations are offered in January, May and September. A student who passes a Core Qualifying Examination at Ph.D. level will be considered to have completed the corresponding Core Sequence. Credit hours of MAT 6908 Independent Study, MAT 6939 Graduate Seminar, and MAT 6911 / 7912 Directed Research, earned before passing two Core Qualifying Examinations at Ph.D. level, do not count towards M.A. or Ph.D. degree. These courses, MAT 6908, 6911, 6939 and 7912, however, can be taken by a student before passing two Core Qualifying Examinations at Ph.D. level, with an approval from the Graduate Program

Director, and also from the Seminar Organizer for MAT 6939. The course work for more than one credit hour for MAT 6939 needs an approval from the Graduate Committee.

1. The Mathematics graduate courses of 5000 level or higher, offered regularly for mathematics majors from the Mathematics department, are counted towards the 30-hour requirement.
2. Up to 6 hours of 4000 level or higher courses, taken from our department or other departments at USF, may be counted towards the 30-hour requirement with approval by the Graduate Program Director and the Department Chairperson.
3. *Completion of Sequences:* A Candidate must complete two Core or Elective Sequences, at least one of which must be a Core Sequence, and receive at least a 3.0 average in each sequence.
4. *Thesis or Examination Requirement:* Each candidate for the M.A. degree must either be examined on a thesis or pass one of the written Core Qualifying Examinations.

A student who elects the thesis option must register for a minimum of six (6) credit hours in MAT 6971, only six (6) hours of which may be applied toward the 30-hour degree requirement. The comprehensive examination takes the form of an oral thesis defense, in which the candidate must demonstrate knowledge of the general subject area of the thesis.

A student who elects the exam option must pass one of the Core Qualifying Examinations at M.A. level. A student may repeat each examination once.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

MATHEMATICS PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

For Teaching Assistants, International and Financial Aid Applicants:

Fall: February 1
Spring: August 1

For Domestic applicants (US citizens or permanent residents) without financial aid or Teaching Assistant applications:

Fall: February 15
Spring: October 1

Minimum Total Hours: 90
Program Level: Doctoral
CIP Code: 27.0101
Dept Code: MTH
Program (Major/College): MTH AS

Concentrations:

Pure and Applied (PAA)
 Statistics (STT)

CONTACT INFORMATION

College: Arts and Sciences
Department: Mathematics and Statistics

Contact Information: www.grad.usf.edu

PROGRAM INFORMATION

The Department of Mathematics at the University of South Florida, Tampa Campus, is composed of approximately thirty faculty who do research in a variety of fields, and teach courses ranging from the freshman to the doctoral level. The Department serves as the editorial base for the international journals: *Abstract and Applied Analysis* and *Journal of Theoretical Probability*. The Center for Mathematical Services within the department provides lectures, special programs for secondary students, and in service training programs in mathematics.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

Algebra, Analysis, Discrete Mathematics, Partial Differential Equations, Probability, Statistics, and Topology, including the following fields: Applied Mathematics, Approximation Theory, Combinatorics, Computational Statistics, Control Theory, DNA computing, Dynamical Systems, Graph Theory, Knot Theory, Nonlinear Analysis, Number Theory, Special Functions, Theoretical Computer Science, and other areas.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

In addition to the M.A. program requirements, entrants to the Ph.D. Program must have a Master's degree in Mathematics or a strong enough background as determined by the Graduate Admissions Committee, and three letters of recommendation, at least two of which from mathematicians indicating an aptitude for doctoral study. See list below.

Program Admission Requirements

Same as general university requirements plus:

- a Bachelor's degree or equivalent in mathematical sciences or related area
- at least a 650 quantitative score on the GRE
- at least a 3.5 GPA in graduate and/or upper undergraduate math courses
- three letters of recommendation (two of which should be from college level math professors)
- a completed math department application form
- a statement of goals

DEGREE PROGRAM REQUIREMENTS

In *addition* to the University and College requirements, the students must fulfill the following requirements. Some graduate courses are organized into Core and Elective Sequences as follows:

Core Sequences:

Algebra:	MAS 5107, 5311, 5312
Analysis:	MAA 5306, 5307, 6616
Mathematical Statistics:	STA 5326, 6326
Topology:	MTG 5316, 5317

Elective Sequences:

Applied Mathematics: three courses, one from each group listed below.

(Group A)	MAP 5407, 5345
(Group B)	MAA 5405, MAT 5932 (MAD 4401)
(Group C)	MAP 6205, MAT 6932 (Dynamical Sys II)

Combinatorics:	MAD 6206, 6207
Complex Analysis:	MAA 6406, 6407
Statistical Methods:	STA 5166, 6167
Dynamical Systems:	MAT 5932, 6932
Foundations:	MHF 5306, 6307
Linear Models and Multivariate Analysis:	STA 6208, 6356
Nonlinear Analysis:	MAP 5316, 5317
Ordinary Differential Equations:	MAP 6336, MAT 5932 (Dynamical Systems I)
Partial Differential Equations:	MAP 5345, 6356
Probability:	STA 5446, 6447
Stochastic Processes and Time Series Analysis:	STA 6206, 6876
Theory of Computing:	MHF 5306, MAD 6616

For degree requirements, each course from the Elective Sequence list above counts towards only one Elective Sequence. A qualifying examination based on a Core Sequence is called a Core Qualifying Examination. The syllabus for each examination is available from the Department. Core Qualifying Examinations are offered in January, May and September. A student who passes a Core Qualifying Examination at Ph.D. level will be considered to have completed the corresponding Core Sequence. Credit hours of MAT 6908 Independent Study, MAT 6939 Graduate Seminar, and MAT 6911 / 7912 Directed Research, earned before passing two Core Qualifying Examinations at Ph.D. level, do not count towards M.A. or Ph.D. degree. These courses, MAT 6908, 6911, 6939 and 7912, however, can be taken by a student before passing two Core Qualifying Examinations at Ph.D. level, with an approval from the Graduate Program Director, and also from the Seminar Organizer for MAT 6939. The course work for more than one credit hour for MAT 6939 needs an approval from the Graduate Committee.

1. *Core Qualifying Examinations:* The student is required to pass two of the Core Qualifying Examinations at Ph.D. Level. A student is expected to complete both within 13 months after entering the Ph.D. program unless an extension is granted by the Mathematics Graduate committee. A student may repeat each examination once.
2. *Elective Qualifying Examination:* After passing two Core Qualifying Examinations, the student will select a Dissertation Advisor and a Doctoral Committee will be appointed by the Department Chairperson. The Committee will determine a course of study leading to the written Elective Qualifying Examination, which may be based on one of the Elective Sequences above, possibly supplemented by other material. The syllabus for this examination, and the names of two examiners from the Faculty, must be approved by the Mathematics Graduate Program Director at least one semester before the examination is to take place. A student is expected to complete all three examinations within 25 months after entering the Ph.D. program unless an extension is granted by the Mathematics Graduate Committee. A student may repeat each examination once. The student will be admitted to candidacy after completion of the above two requirements.
3. *Completion of Four Sequences:* The student must complete four sequences from among Core and Elective Sequences with at least a 3.0 average in each sequence.
4. *Progress Evaluation:* Each Spring semester after admission to doctoral candidacy, the candidate shall give an oral presentation to the Doctoral Committee of the problem(s) under investigation. The presentation may also include a discussion of partial results. The Dissertation Advisor shall submit to the Department Chairperson a written report of the presentation.
5. *Dissertation:* Students admitted to doctoral candidacy are required to take at least 16 hours in MAT 7980 Doctoral Dissertation, with a minimum of 6 credits of dissertation hours accumulated during each previous 12-month period (previous 3 terms, e.g. Fall, Spring, Summer) until the degree is granted. The dissertation is expected to contain new mathematical results which are worthy of publication. Research towards the dissertation typically forms the major part of the work required for the Ph.D. in Mathematics.
6. *The Final Oral Examination:* The Final Oral Examination is also called the Dissertation Defense. The department defers to the university requirements.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

MICROBIOLOGY PROGRAM

Master of Science (M.S.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

U.S. Students:

Fall: January 1 for full consideration; however applications are accepted to February 15 (U.S. Applicants)
January 1 (International)

Spring: August 1

International Students:

Fall: January 1

Spring: July 1

Application must be completed by January 1 by applicants who wish to be considered for assistantships.

Minimum Total Hours: 30
Program Level: Masters
CIP Code: 26.0503
Dept Code: BIO
Program (Major/College): MIC AS

CONTACT INFORMATION

College: Arts and Sciences

Department: CMM Biology

Contact Information: www.grad.usf.edu

Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

The MS in microbiology degree is administered by the Department of Cell Biology, Molecular Biology and Microbiology (CMMB). Most research in the CMMB Department is done by faculty housed in the modern Bio-Science Facility building (BSF). In addition, the department has common research facilities in two nearby buildings. Due to the interdisciplinary aspect of most research projects, faculty and graduate students often work together on broad ranging research projects that bring together many of the traditionally separate areas of biology. Many of the faculty within CMMB are involved in cooperative research with their colleagues in Chemistry, Integrative Biology, Public Health, Nursing, Medicine, Geology, Psychology, Geography, Marine Science, and Environmental Science. Often CMMB graduate students have faculty members from these other areas of USF as members of their graduate committees.

Because of the many undergraduate courses that require hands-on experimental laboratories, the both CMMB and IB support many graduate students as Teaching Assistants. CMMB and IB value high quality teaching at all levels of instruction. Research Assistant positions may also be available to support research with specific faculty members depending on an individual faculty members funding. Numerous scholarship opportunities are also offered on a competitive basis through the USF Graduate School.

Applying to the Department of Cell Biology, Microbiology and Molecular Biology

Students interested in attending graduate school within the CMMB Department should visit the CMMB website that can be accessed from the main USF site and review the current CMMB faculty. It is recommended that potential students consider at least 2-3 CMMB faculty that they would be interested in working with and communicate this information in their letter of application. It is also recommended that potential students contact the CMMB Graduate Director as well as the individual faculty members they are interested in working with via email. Such communication will facilitate the assignment of the laboratory rotations that CMMB students

will participate in during their first semester of residency and also allow the applicant to determine whether the desired faculty member has positions available in the laboratory. All students admitted to the Masters concentration in Cell Biology and Molecular Biology must establish a supervisory committee. The supervisory committee shall constitute the major professor and at least two additional credentialed faculty. At least one of the committee members must be a faculty member at USF. Supervisory committee must be formed within two semesters after matriculation. The CMMB Graduate Director and CMMB Chair must approve the Supervisory Committee. Once a major professor has been assigned and/or a student occupies or utilizes significant space or facilities for research or analogous scholarly activity directly pertinent to the generation of a thesis, the student shall enroll for a minimum of two (2) hours of research credit each semester (other than summer semester), until eligible to enroll in thesis credits.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas: Applied Microbiology, Pathogenic Microbiology, Cellular Microbiology, Molecular Microbiology, Ecological Microbiology

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

- Prospective students must apply to the Microbiology MS program via the online application process through the USF Graduate School.
- Must have 3.00 GLA last 60 hours of B.S. degree
- Must have 500V, 600Q, 4.5 AW on GRE
- All international students are required to submit the TOEFL test. Non-native English speaking graduate students must score at least 570 on the TOEFL and at least 50 on the TSE to be eligible for a teaching assistantship.
- It is expected that candidates for the M.S. degrees will have completed courses equivalent to those required for the B.S. in Biology at U.S.F.

Materials necessary for a complete application are listed below:

The following items should be submitted in the envelope provided to:

CMMB Graduate Office
Attention: CMMB Graduate Director
University of South Florida
4202 E. Fowler Ave – BSF 218
Tampa, FL 33620-5150

- 1) Two official transcripts in a sealed envelope from each post-secondary institution. Transcripts of work completed at USF will be secured by the Office of Admissions. Thus, applicants only need to secure transcripts from other institutions for the application packet.
- 2) Three letters of recommendation from faculty in sealed envelopes (on their university letterhead) with the envelope seal signed by the recommender. Students shall complete a **Student Recommendation Form** that can be found on the CMMB website and submit it to the recommenders.

- 3) A brief essay stating your intended field of research and professional goals. Please indicate your specific research interests, in order that we may refer your application to appropriate CMMB faculty members. In the essay please list 2-3 CMMB faculty members that you would like to have review your file.
- 4) **Applicants must complete the Application for Teaching Assistantship (TA) Form** that can be found on the CMMB or IB website if they wish to be considered for a TA position. Applicants who do not return this form will not be consider for a teaching position. **Applicants should attach a resume to the Application for Teaching Assistantship (TA) Form** that highlights any previous teaching experience.
- 5) **OFFICIAL test scores must be sent to USF directly from the testing agency. The University of South Florida's 4-Digit Institution Code is: 5828** Official GRE scores. This exam must have been taken within the last five years.

DEGREE PROGRAM REQUIREMENTS

The thesis based M.S. degree requires successful completion of the following:

1. structured coursework
2. an oral qualifying exam
3. research thesis
4. comprehensive final examination

The Master's Degree Requirements should be completed in two to three years. The CMMB Department requires that all graduate work applied toward the completion of degree requirements be completed within a five year period after matriculation. Thesis research should be publishable and students are encouraged to publish their findings. Students must choose a specific concentration in the M.S. degree that will be completed within either the CMMB Department. The specific requirements for the Master of Science (M.S.) in Microbiology are provided below

1. Credit hour requirement: 30 semester hour credits beyond the Baccalaureate Degree are required. *(including: BSC6910, BSC 6971, BSC 6935 and other structured and unstructured courses approved by CMMB or IB)*
2. Students admitted to the CMMB Department must complete three laboratory rotation during their first semester of residency.
3. Successful completion of the **comprehensive qualifying examination**. The exam should be taken at the end of the first year, or early in the second year of study. The examination is administered and evaluated by the student's graduate committee.
4. Submission of a **thesis proposal** and approval by the major professor, graduate committee and graduate director.
5. A minimum of eight (8) thesis research credit hours (BSC 6971).
6. Seminar requirement: one presentation, excluding the thesis seminar and defense. Students should present posters or oral presentations based on their thesis research at national/regional professional meetings. The student's graduate committee must approve the presentation.
7. Submission of an acceptable thesis.
8. Presentation of the thesis seminar (BSC 6935) and successful defense of the thesis.

M.S. in Microbiology Course Requirements

Required coursework		9 credit hrs
BSC 6930 Lectures in Contemporary Biology	1	

Enrollment in this course is required during each semester of residency

BSC 6932 Advances in Scientific Review	2
BSC 6932 Advances in Scientific Writing	2
PCB 6930 Advances in Cell and Molecular Biology	1

Microbiology Electives*		6 hrs minimum
MCB 5206 Public Health and Pathogenic Microbiology	3	
MCB 5655 Applied and Environmental Microbiology	3	
PCB 5335 Principles of Immunology	3	
PCB 6236 Advanced Immunology	3	
MCB 5815 Medical Mycology	3	
BSC 5931 Molecular Microbial Ecology	3	
BSC 5931 Prokaryotic Molecular Genetics	3	
MCB 5410 Cellular Microbiology	3	
PCB 5616 Molecular Phylogenetics	3	
PCB 5525 Molecular Genetics	3	
BSC 5420 Genetic Engineering and Recombinant DNA Technology	3	

**The supervisory committee may approve additional courses not listed here*

M.S. in Microbiology Non-Thesis Option

Non-Thesis - For students enrolled in the non-thesis program, a 30-hour minimum is required at the 5000-6000 level; 26 hours must be in formally structured courses; 16 hours must be at the 6000 level; 15 structured hours must be offered by CMMB. A review paper of a topic approved by the supervisory committee is required as well as successful completion of the comprehensive qualifying exam after all course work has been completed. For non-thesis master's students, this exam will occur at the end of the program of study.

Comprehensive Oral Qualifying Examination.

A final comprehensive oral examination is required for all master's students. This examination is open to all departmental faculty. Students must take their comprehensive exam within two years of matriculation and the exam is normally taken after the completion of all formal course work. Thesis students must take the examination at least one semester before the thesis is presented. Any graduate work counted toward the requirement for the M.S. degree must be completed within five (5) years after matriculation.

All thesis-based Master's Degree students must present a seminar to the Department of Biology and must be enrolled in BSC 6935, during the final semester. The seminar should be a concise summary of the research completed to satisfy the requirements for the M.S. Degree. The seminar is open to the general public and must be announced two weeks prior to the presentation. Upon completion of the seminar, the general public will be invited to ask questions. At the discretion of the student's graduate committee, members of the committee may continue to question the graduate student after the general public has departed the seminar room. Each student is expected to defend his/her research to the unanimous satisfaction of the graduate committee.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

PHILOSOPHY PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

U.S. Students

Fall:	February 15
Spring:	October 15
Financial Assistance:	January 2

International Students

Fall:	February 15
Spring:	August 1
Financial Assistance:	January 2

Minimum Total Hours:	30
Program Level:	Masters
CIP Code:	38.0101
Dept Code:	PHI
Program (Major/College):	PHI AS

CONTACT INFORMATION

College: Arts and Sciences

Department: Philosophy

Contact Information: www.grad.usf.edu

Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

Contact program for information or visit <http://philosophy.usf.edu/>

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

Aesthetics
 Analytic Philosophy
 Ancient Greek Philosophy
 Continental Philosophy
 Epistemology
 Ethics & Contemporary Moral Philosophy
 Feminist Philosophy
 Medieval Philosophy
 Modern Philosophy
 Philosophy of Mind
 Philosophy and Religion
 Philosophy of Science
 Social & Political Philosophy
 19th and 20th Century Philosophy

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university plus the following documents must be submitted:

- statement of purpose
- three (3) letters of recommendation
- A ten (10) page philosophy writing sample
- In order to be competitive, applicants should submit GRE generalist test scores of 600V, 600Q, and an analytic score of 5.0

DEGREE PROGRAM REQUIREMENTS

Once admitted, students must successfully complete at least 30 credit hours in accordance with the following requirements:

1. Proseminar I (6 credit hours) and Proseminar II (6 credit hours)
2. Course in Symbolic Logic or Modal Logic (3 credit hours)
3. Coursework in the History of Philosophy from the list appearing in "Areas of Study and Coursework" (6 credit hours)
4. Coursework in Metaphysics, Epistemology, and Logic from the list appearing in "Areas of Study and Coursework" (3 credit hours)
5. Course in Value Theory from the list appearing in "Areas of Study and Coursework" (3 credit hours)
6. Coursework or an examination demonstrating reading proficiency in one of the following languages: ancient Greek, Latin, French, German, or a substitute approved by the Director of Graduate Studies and the Department Chair
7. Thesis (3 credit hours) OR A comprehensive examination on a required list of readings constructed by the candidate and a committee of examiners

Areas of Study and Coursework

Students will be required to meet the distribution of credit hours described below. While many of the courses could fall into two or more categories, the categories as stated should provide a comprehensive training in philosophy. When there is good reason to approve substitutions for the courses listed, the Director of Graduate Studies has the discretion to approve substitutions on a case-by-case basis. The Department Chair must also approve any substitutions.

History of Philosophy

(A minimum of six credit hours required for the M.A., courses must come from two different categories; a minimum of 12 credit hours required for the Ph.D. with at least one from each of the four categories)

I. Ancient and Medieval

- a. Plato
- b. Aristotle
- c. Topics in Ancient/Medieval Philosophy

II. Early Modern Philosophy

- a. Rationalists
- b. Empiricists
- c. Topics in Early Modern Philosophy

III. Kant**IV. 19th and 20th Century Philosophy**

- a. Continental I: Phenomenology to Hermeneutics
- b. Continental II: Political Theory and Continental Social Theory
- c. Continental III: From Structuralism to Deconstruction
- d. Marxism
- e. Analytic Philosophy
- f. Topics in Twentieth Century Philosophy

Metaphysics, Epistemology, and Logic

(A minimum of three credit hours required for the M.A.; a minimum of nine credit hours required for the Ph.D.)

- 1. Seminar in Metaphysics
- 2. Seminar in Epistemology
- 3. Seminar in the Philosophy of Natural Science (including Math)
- 4. Seminar in the Philosophy of Social Science
- 5. Seminar in Logic
- 6. Modal Logic
- 7. Philosophy of Language
- 8. Philosophy of Mind
- 9. Topics in Contemporary Philosophy (if topic is in the area of metaphysics, epistemology, and logic)

Value Theory

A minimum of three (3) credit hours required for the M.A.; a minimum of nine (9) credit hours required for the Ph.D.
Only one required value theory class may come from category II)

I. General Topics

- a. Seminar in Ethics
- b. Seminar in Social Philosophy
- c. Seminar in Political Philosophy
- d. Seminar in Aesthetics
- e. Topics in Feminist Philosophy

II. Specific Topics

- a. Seminar in the Philosophy of Religion
- b. Seminar in the Philosophy of Law
- c. Seminar in the Philosophy of History

Concentration in Philosophy and Religion

Once admitted, students must successfully complete at least 30 credit hours including the following requirements:

I. Nine (9) hours of core courses as follows:

- | | |
|--------------|---|
| PHI xxxx | Historically Oriented Pro-seminar |
| PHI/REL 6706 | Seminar in the Philosophy of Religion |
| REL 6035 | Theory and Methods in Religious Studies |

II. One (1) course (3 hours) from each of the following five areas:

1. Philosophy and Religion in Antiquity
 - PHP 6005 Plato
 - PHP 6015 Aristotle
 - REL 6327 Seminar in Ancient Literature
 - REL xxxx Formative Christianity
 - REL xxxx Early Jewish Literature
 - REL 6285 Studies in Biblical Archaeology

2. Philosophy and Religion in the Medieval and Modern Periods
 - REL xxxx Augustine's Confessions
 - REL xxxx Medieval Christian Natural Theology
 - PHH 6938 Seminar in Medieval Philosophy
 - PHP xxxx Descartes
 - PHH xxxx Seminar in Rationalism
 - PHH xxxx Seminar in Empiricism
 - PHP 6415 Kant
 - REL xxxx Modern Jewish Thought
 - REL xxxx Hermeneutics and Epistemology in Modern Religious Thought

3. Ethics, Philosophy, and Religion
 - PHI 6605 Seminar in Ethics
 - PHI 6634 Seminar in Biomedical Ethics
 - PHI 6665 Metaethics
 - PHI xxxx Environmental Ethics
 - REL 6175 Religion, Ethics, and Public Policy
 - REL 6178 Comparative Religious Ethics
 - REL xxxx Buddhist Ethics
 - REL 6182 Faith and Reason in Western Religious Ethics
 - REL xxxx Comparative Philosophy of Religion

4. Philosophy and Religion: Politics, Culture
 - PHH 6265 Continental Phil I: Phenomenology to Hermeneutics
 - PHH 6266 Continental Phil II: Political Theory and Continental Social Theory
 - PHH 6267 Continental Phil III: From Structuralism to Postmodernism
 - PHI 6425 Seminar in the Philosophy of Social Science
 - PHI 6808 Seminar in Aesthetics
 - PHM 5125 Topics in Feminist Philosophy
 - PHM 6105 Seminar in Social Philosophy
 - PHM 6305 Seminar in Political Philosophy
 - REL 6126 Religion in America
 - REL 6143 Religion, Culture, and Society
 - REL 6175 Religion, Ethics, and Public Policy
 - REL 6195 Religion and Modernization
 - REL 6447 Liberation Theology
 - REL xxxx Buddhism and Postmodernism
 - REL xxxx Religious Issues in the Caribbean World

5. World Religions and Non-Western Philosophy
 - PHI xxxx African Philosophy
 - REL xxxx Buddhism
 - REL xxxx Comparative Philosophy of Religion
 - REL xxxx Buddhism and Postmodernism
 - REL xxxx Seminar in Confucianism
 - REL xxxx Medical Philosophy: Chinese, Greek, Indian
 - REL xxxx Comparative Mysticism

- PHM 5125 Topics in Feminist Philosophy
- PHI xxxx Latin American Thought
- REL 6178 Comparative Religious Ethics
- REL xxxx Buddhist Ethics
- REL xxxx Religious Issues in the Caribbean World

NOTE: At least two of these five courses must be taken in the Philosophy Department, and at least two must be taken in the Religious Studies Department.

- III. Coursework or an examination demonstration reading proficiency in one foreign language appropriate to the student's research, with the approval of the Director of Graduate Studies.
- IV. Successful completion of a thesis (including 3 credit hours) OR a comprehensive examination on a required list of readings necessary constructed by the candidate and a committee of examiners.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

PHILOSOPHY PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

U.S. Students

Fall: February 15

Spring: October 15

Financial Assistance: January 2

International Students

Fall: February 15

Spring: August 1

Financial Assistance: January 2

Minimum Total Hours: 90

Program Level: Doctoral

CIP Code: 38.0101

Dept Code: PHI

Program (Major/College): PHI AS

Concentration:

Philosophy and Religion

CONTACT INFORMATION

College: Arts and Sciences

Department: Philosophy

Contact Information: www.grad.usf.edu

PROGRAM INFORMATION

Contact program for information or visit <http://www.cas.usf.edu/philosophy/index.html>

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

Aesthetics

Analytic Philosophy

Ancient Greek Philosophy

Continental Philosophy

Epistemology

Ethics and Contemporary Moral Philosophy

Feminist Philosophy

Medieval Philosophy

Modern Philosophy

Philosophy of Mind

Philosophy and Religion

Philosophy of Science

Social & Political Philosophy

19th and 20th Century Philosophy

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university plus the following documents must be submitted:

- statement of purpose
- three (3) letters of recommendation
- A ten (10) page philosophy writing sample
- In order to be competitive, applicants should submit GRE general test scores of 600V, 600Q, and an analytic score of 5.0.

DEGREE PROGRAM REQUIREMENTS

Once admitted, students must successfully complete at least 90 credit hours in accordance with the following requirements:

1. Proseminar I (6 credit hours) and Proseminar II (6 credit hours)
2. Course in Symbolic Logic or Modal Logic (3 credit hours)
3. Coursework in the History of Philosophy from the list appearing in "Areas of Study and Coursework" (12 credit hours)
4. Coursework in Metaphysics, Epistemology, and Logic from the list appearing in "Areas of Study and Coursework" (9 credit hours)
5. Coursework in Value Theory from the list appearing in "Areas of Study and Coursework" (9 credit hours)
6. Coursework or an examination demonstrating reading proficiency in two of the following languages: ancient Greek, Latin, French, German. A substitution for one of these languages may be approved by the Director of Graduate Studies and the Department Chair
7. 12 credit hours in area(s) of doctoral research
8. A comprehensive examination on a required list of readings constructed by the candidate and a committee of examiners
9. A written prospectus for the dissertation and an oral defense of this prospectus
10. A written dissertation and an oral defense of this dissertation

Areas of Study and Coursework

Students will be required to meet the distribution of credit hours described below. While many of the courses could fall into two or more categories, the categories as stated should provide a comprehensive training in philosophy. When there is good reason to approve substitutions for the courses listed, the Director of Graduate Studies has the discretion to approve substitutions on a case-by-case basis. The Department Chair must also approve any substitutions.

History of Philosophy

(A minimum of 6 credit hours required for the M.A., courses must come from two different categories; a minimum of 12 credit hours required for the Ph.D. with at least one from each of the four categories)

I. Ancient and Medieval

- a. Plato
- b. Aristotle
- c. Topics in Ancient/Medieval Philosophy

II. Early Modern Philosophy

- a. Rationalists
- b. Empiricists
- c. Topics in Early Modern Philosophy

III. Kant**IV. 19th and 20th Century Philosophy**

- a. Continental I: Phenomenology to Hermeneutics
- b. Continental II: Political Theory and Continental Social Theory
- c. Continental III: From Structuralism to Deconstruction
- d. Marxism
- e. Analytic Philosophy
- f. Topics in Twentieth Century Philosophy

Metaphysics, Epistemology, and Logic

(A minimum of three credit hours required for the M.A.; a minimum of nine credit hours required for the Ph.D.)

- I. Seminar in Metaphysics
- II. Seminar in Epistemology
- III. Seminar in the Philosophy of Natural Science (including Math)
- IV. Seminar in the Philosophy of Social Science
- V. Seminar in Logic
- VI. Modal Logic
- VII. Philosophy of Language
- VIII. Philosophy of Mind
- IX. Topics in Contemporary Philosophy (if topic is in the area of metaphysics, epistemology, and logic)

Value Theory

A minimum of three credit hours required for the M.A.; a minimum of nine credit hours required for the Ph.D. Only one required value theory class may come from category II)

I. General Topics

- a. Seminar in Ethics
- b. Seminar in Social Philosophy
- c. Seminar in Political Philosophy
- d. Seminar in Aesthetics
- e. Topics in Feminist Philosophy

II. Specific Topics

- a. Seminar in the Philosophy of Religion
- b. Seminar in the Philosophy of Law
- c. Seminar in the Philosophy of History

Concentration in Philosophy and Religion

Once admitted, students must successfully complete at least 90 credit hours including the following requirements:

- I. Nine (9) hours of core courses as follows:
 - PHI xxxx Historically Oriented Pro-seminar
 - PHI/REL 6706 Seminar in the Philosophy of Religion
 - REL 6035 Theory and Methods in Religious Studies

- II. Two (2) course (6 hours) – one in Philosophy and one in Religious Studies -from each of the following five areas
 - A. Philosophy and Religion in Antiquity
 - PHP 6005 Plato
 - PHP 6015 Aristotle
 - REL 6327 Seminar in Ancient Literature
 - REL xxxx Formative Christianity
 - REL xxxx Early Jewish Literature
 - REL 6285 Studies in Biblical Archaeology

 - B. Philosophy and Religion in the Medieval and Modern Periods
 - REL xxxx Augustine's Confessions
 - REL xxxx Medieval Christian Natural Theology
 - PHH 6938 Seminar in Medieval Philosophy
 - PHP xxxx Descartes
 - PHH xxxx Seminar in Rationalism
 - PHH xxxx Seminar in Empiricism
 - PHP 6415 Kant
 - REL xxxx Modern Jewish Thought
 - REL xxxx Hermeneutics and Epistemology in Modern Religious Thought

 - C. Ethics, Philosophy, and Religion
 - PHI 6605 Seminar in Ethics
 - PHI 6634 Seminar in Biomedical Ethics
 - PHI 6665 Metaethics
 - PHI xxxx Environmental Ethics
 - REL 6175 Religion, Ethics, and Public Policy
 - REL 6178 Comparative Religious Ethics
 - REL xxxx Buddhist Ethics
 - REL 6182 Faith and Reason in Western Religious Ethics
 - REL xxxx Comparative Philosophy of Religion

 - D. Philosophy and Religion: Politics, Culture
 - PHH 6265 Continental Phil I: Phenomenology to Hermeneutics
 - PHH 6266 Continental Phil II: Political Theory and Continental Social Theory
 - PHH 6267 Continental Phil III: From Structuralism to Postmodernism
 - PHI 6425 Seminar in the Philosophy of Social Science
 - PHI 6808 Seminar in Aesthetics
 - PHM 5125 Topics in Feminist Philosophy
 - PHM 6105 Seminar in Social Philosophy
 - PHM 6305 Seminar in Political Philosophy
 - REL 6126 Religion in America
 - REL 6143 Religion, Culture, and Society
 - REL 6175 Religion, Ethics, and Public Policy
 - REL 6195 Religion and Modernization
 - REL 6447 Liberation Theology
 - REL xxxx Buddhism and Postmodernism
 - REL xxxx Religious Issues in the Caribbean World

E. World Religions and Non-Western Philosophy

PHI xxxx	African Philosophy
REL xxxx	Buddhism
REL xxxx	Comparative Philosophy of Religion
REL xxxx	Buddhism and Postmodernism
REL xxxx	Seminar in Confucianism
REL xxxx	Medical Philosophy: Chinese, Greek, Indian
REL xxxx	Comparative Mysticism
PHM 5125	Topics in Feminist Philosophy
PHI xxxx	Latin American Thought
REL 6178	Comparative Religious Ethics
REL xxxx	Buddhist Ethics
REL xxxx	Religious Issues in the Caribbean World

- III. Coursework or an examination demonstrating reading proficiency in two foreign languages appropriate to the student's research, with the approval of the Director of Graduate Studies or the Chair of the student's Dissertation Committee.
- IV. 12 credit hours in area(s) of doctoral research.
- V. A comprehensive examination on a required list of readings constructed by the candidate and a committee of examiners.
- VI. A written prospectus for the dissertation and an oral defense of the prospectus.
- VII. A written dissertation and an oral defense of this dissertation. The dissertation committee will be composed of
- Either a Major Professor appointed in both Philosophy and Religious Studies, or co-Major Professors, one of whom is appointed in Philosophy and the other of whom is appointed in Religious Studies; and
 - At least one other member from Philosophy and one from Religious Studies.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

PHYSICS PROGRAM

Master of Science (M.S.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 1
Spring:	September 1
Summer:	February 1

Minimum Total Hours:	30
Program Level:	Masters
CIP Code:	40.0801
Dept Code:	PHY
Program (Major/College):	PHY AS

Concentrations:

Applied Physics (APM)
 Atmospheric Physics (APZ)
 Atomic and Molecular Physics (AMZ)
 Laser Physics (LPZ)
 Materials Physics (MPZ)
 Medical Physics (MEZ)
 Optical Physics (OPZ)
 Semiconductor Physics (SCZ)
 Solid State Physics (SSZ)

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Physics
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

Contact program for information.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university plus

- three letters of recommendation
- a statement of purpose
- GRE General Test scores required, GRE Physics Subject Test scores recommended.

DEGREE PROGRAM REQUIREMENTS

Students admitted to the graduate program in Physics, will consult with the Physics Director of Graduate Studies, who will be the student's course advisor and monitor the student's progress. After a decision has been made concerning the student's academic goals, the duties of graduate advising will be assumed by the major professor and the supervisory committee appointed by the department chairperson. In keeping with the student's academic goals, the supervisory committee will determine the appropriate course of study and examinations required for graduation for both the thesis and non-thesis options.

Total Minimum Hours:	30
Core Requirements	15 credit hours
Core courses: (all five are required)	
a) PHZ 5115 Mathematical Methods I	3
b) PHY 6346 Electricity and Magnetism I	3
c) PHY 6645 Quantum Mechanics I	3
d) PHY 6646 Quantum Mechanics II	3
e) PHY 6536 Statistical Mechanics	3

Thesis option **15 credit hours**
 Three graduate-level elective classes (nine credit hours), at least two of which must be within physics, plus six credit hours of master's-thesis or directed research. PHY 6911, and PHY 6971 will not count toward the electives. In addition, the candidate must present and successfully defend a written thesis.

Non-thesis option **15 credit hours**
 Five graduate-level elective classes (fifteen credit hours), at least two of which must be in physics. PHY 6911, and PHY 6971 will not count toward the electives.

Laboratory or Computing Experience
 The student, as part of their elective work or thesis, or through previous course work, should demonstrate either laboratory or computational experience.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

PHYSICS (APPLIED PHYSICS) PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 1
Spring:	September 1
Summer:	February 1

Minimum Total Hours:	57
Program Level:	Doctoral
CIP Code:	40.0801
Dept Code:	PHY
Program (Major/College):	APD AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Physics
Contact Information:	www.grad.usf.edu

PROGRAM INFORMATION

This program emphasizes the practical, engineering applications of theoretical and fundamental physical concepts. The program encompasses the areas of laser physics, materials physics, computational physics, environmental physics and sensors, biomedical physics and imaging science.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as University plus

- three letters of recommendation
- a statement of purpose
- GRE General Test scores required, GRE Physics Subject Test scores recommended.

DEGREE PROGRAM REQUIREMENTS

The program requires a total of 57 credit hours distributed as follows:

1. Core courses:	(all 6 required)	
a) PHZ 5115	Mathematical Methods I	3
b) PHY 6346	Electricity and Magnetism I	3
c) PHY 6645	Quantum Mechanics I	3
d) PHY 6646	Quantum Mechanics II	3
d) PHY 6536	Statistical Mechanics	3
f)	Industrial Practicum (contact department for details)	

2. Laboratory experience: 0–1 classes:

This may be met, for example, by submitting an experimental thesis or dissertation, by taking Modern Laboratory Techniques (PHY 6846L) or Electronics for Research (PHY 5720C), or through sufficiently rigorous relevant experience (e.g., prior courses, industrial employment, etc.).

3. Computational experience: 0–1 classes

This may be met, for example, by submitting a computational thesis or dissertation or by completing Computational Physics I (PHZ 5156C), cross-listed undergraduate Computational Physics (PHZ 5151C), or Measurement and Instrumentation (PHY 6753), or through sufficiently rigorous relevant experience (e.g., prior graduate or undergraduate courses, industrial employment, etc.).

4. Electives: at least an additional 4 graduate-level classes, of which at least 2 are in Physics

Any graduate-level classes (excluding research and seminars), including any of the courses mentioned above, if they are not used to fulfill other requirements. Among the possible elective courses are Biophysics I and II, Materials I and II, Solid-State Physics I and II, Lasers and Applications, Electricity and Magnetism II, Classical Mechanics, Atomic and Molecular Spectra I and II, Physical Applications of Group Theory, Light-wave Devices, and special-topics courses.

5. Qualifying Process:

The student, in consultation with his or her research advisor, will assemble a supervisory committee that consists of the advisor and at least three other faculty members, at least two of whom are in the Physics Department. The Qualifying Process (contact department for details) is based on the student's GRE Physics Test score, graduate GPA at USF, and research accomplishments and potential. If the supervisory committee judges the qualifying process to be successfully completed, the student may proceed to the candidacy stage.

6. Admission to candidacy:

To become a Ph.D. Candidate, the student must present a dissertation proposal and successfully defend that proposal to the supervisory committee.

7. Dissertation:

The candidate will conduct original and significant research, describe that research and the results in a doctoral dissertation and defend that dissertation in an oral presentation to the supervisory committee. The defense is open to the public and must be scheduled according to the regulations of the Graduate School.

Core Requirements

Courses in theoretical and applied areas	18 hours
Lab training	3 hours
Electives	12 hours
Dissertation Research (PHY 7980)	24 hours

An important feature of this program is a course in laboratory measurement and instrumentation and a field-site industrial practicum, which comprise the six hours of lab training.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

PHYSICS / ENGINEERING SCIENCE JOINT PROGRAM

Master of Science (M.S.) Degree

DEGREE INFORMATION

Program Admission Deadlines:	See listings for Physics and Engineering Science
Minimum Total Hours:	51
Program Level:	Masters
CIP Codes:	40.0801 and 14.0101
Dept Codes:	PHY and ESB
Program (Major/College):	PHY AS and EGC EN

CONTACT INFORMATION

Colleges:	College of Arts and Sciences College of Engineering
Departments:	Physics, Engineering Science
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

Contact the program for information.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

See listings for Physics and Engineering Science.

Program Admission Deadlines

See deadlines for Physics and for Engineering Science.

DEGREE PROGRAM REQUIREMENTS

Contact the program for information.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

PHYSICS / ENGINEERING SCIENCE JOINT PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:	See listings for Physics and Engineering Science
Minimum Total Hours:	90
Program Level:	Doctoral
CIP Codes:	40.0801 and 14.0101
Dept Codes:	PHY and ESB
Program (Major/College):	PHY AS and EGC EN

CONTACT INFORMATION

Colleges:	Arts and Sciences, Engineering
Departments:	Physics, Engineering Science
Contact Information:	www.grad.usf.edu

PROGRAM INFORMATION

Contact program for information

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

See listings for Physics and Engineering Science.

Program Admission Deadlines

See deadlines for Physics and for Engineering Science

DEGREE PROGRAM REQUIREMENTS

Contact the program for information.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

POLITICAL SCIENCE PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 15
Summer:	February 15

Minimum Total Hours:	36
Program Level:	Masters
CIP Code:	45.1001
Dept Code:	GIA
Program (Major/College):	POL AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Government and International Affairs
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The graduate program leading to the M.A. in Political Science is designed to offer advanced general instruction in Political Science. It prepares its graduates for positions of responsibility in the public and private sectors, as well as in research, teaching, and study at the doctoral level. For instructional purposes, the graduate curriculum in Political Science has been divided into three fields:

Field 1 Comparative Government and Politics	(courses with a CPO prefix)
Field 2 International Relations	(courses with an INR prefix)
Field 3 Public Policy	(courses with a PUP, POS, POT, URP, or PAD prefix)

Students select one field as a major area and another field as a minor area. They must consult with the graduate coordinator to map out a course plan.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university plus:

- three (3) letters of recommendation
- and a 500 word statement of purpose
- must have an undergraduate background in political science.

DEGREE PROGRAM REQUIREMENTS

A minimum of 36 hours of graduate level course work distributed according to the following five categories:

1. **Required Research Methods Sequence** (6 hours):

POS 6735	Foundations of Political Inquiry	3
POS 6736	Political Research Methods	3

2. **Major field** (15 hours):
 Core course in major area
 Either

CPO 6091 or	Seminar in Comparative Politics	3
INR 6007, or	Seminar in International Relations	3
PUP 6007	Seminar in Public Policy	3

 And 4 additional courses.

3. **Minor field** (9 hours):
 Core course in major area
 Either

CPO 6091 or	Seminar in Comparative Politics	3
INR 6007, or	Seminar in International Relations	3
PUP 6007	Seminar in Public Policy	3

 And 2 additional courses.

4. **Thesis** (Minimum of 6 hours):

POS 6971	Thesis: Master's	6 minimum
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To earn an MA in Political Science students are required to complete a thesis that provides new insight into a relevant topic in political science or international studies. As students approach the thesis stage, they need to compose a thesis committee consisting of a major professor, who must be a member of the Department of Government and International Affairs, and two readers. One of the two readers can be from another department, but that person must first be approved by the program director. The thesis committee must approve proposals before students embark on their projects. Students must prepare a written thesis and defend their work in a formal oral presentation before their committee.

Comprehensive Examination

After finishing course work each student must pass a written comprehensive examination covering his or her major and minor fields. These examinations must be taken before completion of the thesis and thesis defense. Students cannot enroll in thesis hours before the semester they have signed up to take their exams.

Course Listings-

CPO 5934	CPO 6036	CPO 6091
INR 5012	INR 5086	INR 6007
INR 6036	INR 6107	
PAD 6060	PAD 6275	PAD 6307
PAD 6338	PAD 6339	PAD 6355
POS 5094	POS 5155	POS 6045
POS 6095	POS 6127	POS 6157
POS 6415	POS 6427	POS 6455
POS 6607	POS 6698	
POT 5626	POT 6007	
PUP 5607	PUP 6007	

URP 6056

Students may take a maximum of 3 hours of Independent Study (POS 6909) and 3 hours maximum of Directed Research (POS 6919)

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

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PSYCHOLOGY PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Students are not admitted to a terminal M.A. degree in Psychology. See deadlines for Ph.D. in Psychology

Minimum Total Hours:	30
Program Level:	Masters
CIP Code:	42.0101
Dept Code:	PSY
Program (Major/College):	PSY AS

Concentrations:

Clinical Psychology (PSC)
Cognition, Neuroscience, and Social Psychology (PCN)
Industrial-Organizational Psychology (PSI)

CONTACT INFORMATION

College: Arts and Sciences

Department: Psychology

Contact Information: www.grad.usf.edu

Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

The graduate faculty of the Psychology Department is divided into three broad concentrations: Clinical, Cognition, Neuroscience, & Social Psychology, and Industrial-Organizational. Each of these areas offers Ph.D. level training in the following areas of special expertise.

Clinical –Psychopathology, Psychological Assessment and Interventions, Health Psychology, Addictive Behaviors, Clinical Child Psychology, Clinical Neuropsychology.

Cognition, Neuroscience, & Social Psychology – Behavioral Neuroscience, Cognition, Judgment and Decision Making, Development, Memory, Perception, Social. In addition, with faculty in Communication Sciences and Disorders, the Cognitive and Neural Sciences faculty offer a specialization in Speech/Language/Hearing Sciences.

Industrial-Organizational – Selection, Training and Evaluation of Organization Members, Job Analysis, Motivation and Satisfaction, Occupational Health Psychology, Organizational Theory, Leadership, Organizational Change. Methodological offerings across areas cover Psychometrics, Statistics, Factor Analysis, Structural Equation Modeling, and Research Design.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools; Clinical Program: American Psychological Association, and member of the Academy of Psychological Clinical Science.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Not a terminal MA. See Ph.D. Requirements.

DEGREE PROGRAM REQUIREMENTS

The Department of Psychology does not admit students seeking a terminal M.A. degree in Psychology. Additional information is available in the Graduate Student Handbook: <http://psychology.usf.edu/policies/students.aspx>

Total Minimum Hours: 30 (B- or better for each required course)

Core requirements:

PSY 6971 Master's Thesis	6
PSY 6217 Regression and Analysis of Variance	4

Two of the following:

EXP 6608 Cognitive Psychology	3
SOP 6266 Social Psychology	3
PSB 6056 Physiological Psychology	3

The remainder of the required hours is fulfilled by satisfying concentration requirements described below.

Concentration Requirements:

Clinical Psychology

Graduate Breadth Requirements: Students must take one course in each of the three Breadth areas: Biological Aspects of Behavior, Social Aspects of Behavior, and Cognitive/Affective Aspects of Behavior.

Biological aspects of behavior	
PSB 6056--Physiological Psychology	3
CLP 6937--Human Neuropsychology	3
CLP 7379--Health Psychology	3
EXP 7099—Psychopharmacology	3
EDF 6938--Pediatric Psychopharmacology	3
EXP 7099—Psychophysiology	3
EXP 7099--Survey of Neuroscience	3
Social aspects of behavior	
SOP 6266—Social	3
PSY 6266--Psychology of Gender	3
EXP 7099--Stress and Coping	3
INP 6935--Organizational Psychology	3
EXP 7099--Social and Personality Development	3
EXP 7099--Social Psychology of Interpersonal Relationships	3
Cognitive and affective aspects of behavior	
EXP 6608—Cognitive	3
EXP 7099—Memory	3
EXP 7099—Forgetting	3
CLP 7379--Emotion and its Disorders	3
CLP 7379--Mood Disorders	3
EXP 7099--Image and Mind	3
EXP 7099--Cognitive Neuroscience of Perception	3

Graduate Research Methods Requirements

All clinical students are required to take a total of four graduate research methods courses.

PSY 6217 ANOVA/Regression plus lab	4
SOP 7265 Multivariate Statistics (or equivalent outside of department)	

PSY 6217/SOP 6266 Clinical Psychometrics (or equivalent outside of department)

Plus ONE additional research methods course (3 credits). Students may choose from the list of approved courses below. Students wishing to fulfill this methods requirement with any course not listed below must submit a request to the clinical faculty.

SOP 6266--Factor Analysis	3
SOP 6266--Structural Equation Modeling	3
SOP 6266--Meta-Analysis	3
EXP 7099--Developmental Research Methods	3
CLP 6937--Grant Writing	3
SOP 6266--Item Response Theory	3
SOP 6266--Hierarchical Linear Modeling	3

Clinical Core Requirements

Clinical Didactic Courses: Students need to take at least one “fundamental” course in each of the three areas assessment, interventions, and psychopathology.

CLP 6438--Clinical Assessment
CLP 7188--Clinical Interventions
CLP 6166--Psychopathology and its Development

Specialized Topic Course Requirements:

Students must also complete four courses in specialization topics related to psychological assessment, intervention, and psychopathology/dysfunction. The following courses would fulfill this requirement:

CLP 6937--Neuropsychological Assessment	3
CLP 6937--Prevention science	3
CLP 7379--Emotion and its disorders	3
CLP 7379--Mood disorders	3
CLP 7379--Eating disorders	3
CLP 7379--Addictions	3
CLP 7379--Health Psychology	3
CLP 7379--New Paradigms in Psychology	3
CLP 7379--Cultural Diversity	3
CLP 7379--Advanced Psychological Intervention Seminar/Specialized Treatments	3
PSY 6946--Advanced Psychological Assessment Seminar	3
CLP 7379--Clinical Science Seminar	3

Clinical Practicum

PSY 6946 (1 hour per semester beginning the second year of graduate training)

Other course requirements:

PSY 6946--Skills for Psychological Intervention	2
CLP 6937--Introduction to Clinical Psychology/Cultural Diversity Pro-Seminar	3
PSY 7931--Ethics and Professional Problems	2

Research Requirements:

PSY 6971--Thesis	6
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Concentration Requirements:**Cognition, Neurosciences, & Social Psychology:****Prior to the Comprehensive Exam**

Total Minimum Hours: 30

Core Requirements (16 hours)

At least a B- in a minimum of two of the following:

Cognitive Psychology (3), Physiological Psychology (3), or Social Psychology (3).

Students may be allowed to substitute an advanced three-hour course for one or both of these courses with the written permission of the CNS Area Director. (6 total hours)

Two basic methods courses with grades of at least B-: Analysis of Variance (3) and Regression (4) and ANOVA (4)/Research Design and Analysis (3). (8 total hours)

Introduction to CNS (2 semesters, 1 hour each)

Concentration Requirements (6 hours)

* A minimum of two seminars or advanced courses in cognition, neuroscience, or social psychology from CNS faculty or, with written permission of the Area Director, related disciplines with grades of at least B-.

Total Thesis Hours Required (6 hours)

Master's thesis research (minimum 6 PSY6971 Thesis: Master's or PSY6917 Directed Research credits –it is recommended that students take thesis credits in order to retain the option of applying for a master's degree).

Concentration Requirements:**Industrial-Organizational Psychology****I/O Concentration Requirements (30 hours)**

EXP 6608--Cognitive Psychology	3
SOP 6669—Personality	
SOP 6058--Social Psychology	3
INP 6935--Personnel Psychology	3
INP 6935--Organizational Psychology	3
PSY 7931--Ethics and Professional Problems	3
INP 7097--Research in I/O Psychology	1 (2 times)
SOP 6669—Psychometrics	3
PSY 6217--ANOVA - Multiple Regression	4
SOP 6669--Organizational Research Methods	3
PSY6971 Thesis: Master's	6

COURSESSee <http://www.ugs.usf.edu/sab/sabs.cfm>

PSYCHOLOGY PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:
Fall:

Clinical: December 1

Cognition, Neuroscience

& Social Psychology: January 2

Industrial-Organizational: January 2

Minimum Total Hours: 90

Program Level: Doctoral

CIP Code: 42.0101

Dept Code: PSY

Program (Major/College): PSY AS

Concentrations:

Clinical Psychology (PSC)

Cognition, Neuroscience, & Social Psychology (PCN)

Industrial-Organizational Psychology (PSI)

CONTACT INFORMATION

College: Arts and Sciences

Department: Psychology

Contact Information: www.grad.usf.edu

PROGRAM INFORMATION

The Psychology Department graduate program is divided into three broad concentrations: Clinical, Cognition, Neuroscience, & Social Psychology, and Industrial-Organizational. Each of these areas offers Ph.D. level training in the following areas of special expertise:

Clinical

Psychopathology, Psychological Assessment and Interventions, Health Psychology, Addictive Behaviors, Clinical Child Psychology, Clinical Neuropsychology.

Cognition, Neuroscience, & Social Psychology

Behavioral Neuroscience, Cognition, Judgment and Decision Making, Development, Memory, Perception, Social. In addition, with faculty in Communication Sciences and Disorders, the CNS faculty offers a specialization in Speech/Language/Hearing Sciences.

Industrial-Organizational

Selection, Training and Evaluation of Organization Members, Job Analysis, Motivation and Satisfaction, Occupational Health Psychology, Organizational Theory, Leadership, Organizational Change. Methodological offerings across areas cover Psychometrics, Statistics, Factor Analysis, Structural Equation Modeling, and Research Design.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools; Clinical Program: American Psychological Association, and member of the Academy of Psychological Clinical Science.

ADMISSION INFORMATION

Must meet University requirements (application, fee, transcripts, GRE/TOEFL scores , see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

University requirements plus

- a personal goals statement
- three letters of recommendation
- strong preference for GRE V and Q scores each at the 50th percentile or better
- upper division undergraduate GPA 3.4 or better.

DEGREE PROGRAM REQUIREMENTS

After completion of all M.A. requirements in Psychology or its equivalent with a minimum GPA of 3.0, the following requirements must be met:

Total Minimum Hours: 12

- Successful completion of the Ph.D. Comprehensive Qualifying Exam (CL, CNS, IO) or major area paper (CL, CNS).
- PSY 7980 Doctoral Dissertation (12)
- Successful Defense of the Doctoral Dissertation

Additional information is available in the Graduate Student Handbook:

<http://psychology.usf.edu/policies/students.aspx>

Concentration Requirements:

Clinical Psychology

Graduate Breadth Requirements:

Students must take one course in each of the three Breadth areas: Biological Aspects of Behavior, Social Aspects of Behavior, and Cognitive/Affective Aspects of Behavior.

Biological aspects of behavior

PSB 6056--Physiological Psychology	3
CLP 6937--Human Neuropsychology	3
CLP 7379--Health Psychology	3
EXP 7099—Psychopharmacology	3
EDF 6938--Pediatric Psychopharmacology	3
EXP 7099—Psychophysiology	3
EXP 7099--Survey of Neuroscience	3

Social aspects of behavior

SOP 6266—Social	3
PSY 6266--Psychology of Gender	3
EXP 7099--Stress and Coping	3
INP 6935--Organizational Psychology	3
EXP 7099--Social and Personality Development	3
EXP 7099--Social Psychology of Interpersonal Relationships	3

Cognitive and affective aspects of behavior

EXP 6608—Cognitive	3
EXP 7099—Memory	3
EXP 7099—Forgetting	3
CLP 7379--Emotion and its Disorders	3
CLP 7379--Mood Disorders	3
EXP 7099--Image and Mind	3
EXP 7099--Cognitive Neuroscience of Perception	3

Graduate Research Methods Requirements

All clinical students are required to take a total of four graduate research methods courses.

PSY 6217 ANOVA/Regression plus lab	4
SOP 7265 Multivariate Statistics (r equivalent outside of department)	-
PSY 6217/SOP 6266 Clinical Psychometrics (or equivalent outside of department)	-

Plus ONE additional research methods course (3 credits). Students may choose from the list of approved courses below. Students wishing to fulfill this methods requirement with any course not listed below must submit a request to the clinical faculty:

SOP 6266--Factor Analysis	3
SOP 6266--Structural Equation Modeling	3
SOP 6266--Meta-Analysis	3
EXP 7099--Developmental Research Methods	3
CLP 6937--Grant Writing	3
SOP 6266--Item Response Theory	3
SOP 6266--Hierarchical Linear Modeling	3

Clinical Core Requirements

Clinical Didactic Courses: Students need to take at least one “fundamental” course in each of the three areas (assessment, interventions, and psychopathology).

CLP 6438--Clinical Assessment	-
CLP 7188--Clinical Interventions	4
CLP 616 - Psychopathology and its Development	3

Specialized Topic Course Requirements:

Students must also complete four courses in specialization topics related to psychological assessment, intervention, and psychopathology/dysfunction. The following courses would fulfill this requirement:

CLP 6937--Neuropsychological Assessment	3
CLP 6937--Prevention science	3
CLP 7379--Emotion and its disorders	3
CLP 7379--Mood disorders	3
CLP 7379--Eating disorders	3
CLP 7379—Addictions	3
CLP 7379--Health Psychology	3
CLP 7379--New Paradigms in Psychology	3
CLP 7379--Cultural Diversity	3
CLP 7379--Advanced Psychological Intervention Seminar/Specialized Treatments	3
PSY 6946--Advanced Psychological Assessment Seminar	3
CLP 7379--Clinical Science Seminar	3

Research Requirements:

PSY 6971—Thesis	6
PSY 7980—Dissertation	12

Internship Requirements:

Each student in the Clinical Program is required to complete a one-year, full-time, APA-approved (or CPA approved) internship in a training facility approved by the Program.

Comps/Major area paper**Cognition, Neurosciences, & Social Psychology:**

Prior to the Comprehensive Exam

Total Minimum Hours: 30

Core Requirements (16 hours)

At least a B- in a minimum of two of the following:

Cognitive Psychology (3), Physiological Psychology (3), or Social Psychology (3).

Students may be allowed to substitute an advanced three-hour course for one or both of these courses with the written permission of the CNS Area Director. (6 total hours)

Two basic methods courses with grades of at least B-: Analysis of Variance (3) and Regression (4) and ANOVA (4)/Research Design and Analysis (3). (8 total hours)

Introduction to CNS (2 semesters, 1 hour each)

Concentration Requirements (6 hours)

A minimum of two seminars or advanced courses in cognition, neuroscience, or social psychology from CNS faculty or, with written permission of the Area Director, related disciplines with grades of at least B-.

Total Thesis Hours Required (6 hours)

Master's thesis research (minimum 6 PSY6971 Thesis: Master's or PSY6917 Directed Research credits—it is recommended that students take thesis credits in order to retain the option of applying for a master's degree).

Doctoral Requirements (in addition to the requirements for the M.A. degree) (33 more hours)**Elective requirements (21 hours)**

Completion of at least four additional seminars or advanced courses that are relevant to the student's area of research specialization. Of the six courses that are the required minimum for the doctorate (2 before admission to doctoral candidacy), at least three must be offered in the Psychology Department. Students may substitute the third core course (Cognitive, Physiological, or Social) for one of the six with the written permission of the Area Director. At least two of the courses must be outside the student's concentration and will serve as the minor. These fulfill the minor requirement.

* Completion of at least three additional advanced methods courses. These fulfill the tools of research requirement, which must be approved by the Graduate Program Committee. Methods courses are those that deal primarily with research design, data collection techniques, quantitative or qualitative analytic methods, or instrumentation.

Comprehensive/Qualifying Exam Requirements

Students must pass a comprehensive examination or major area paper.

* Admission to doctoral candidacy.

* PSY 7980 Dissertation (minimum of 12 dissertation credits).

Industrial-Organizational Psychology

EXP 6608--Cognitive Psychology	3
SOP 6669—Personality	3
SOP 6058--Social Psychology	3
INP 6935--Personnel Psychology	3
INP 6935--Organizational Psychology	3
PSY 7931--Ethics and Professional Problems	3
INP 7097--Research in I/O Psychology	1 (2 times)

SOP 6669—Psychometrics	3
PSY 6217--ANOVA - Multiple Regression	4
SOP 666--Organizational Research Methods	3
PSY 6971--Thesis: Master's	6
(In addition to the requirements for the M.A. degree)	
2 additional elective graduate methods courses (3 hours each)	
7 additional elective graduate courses (3 hours each)	
2 graduate course minor (3 hours each) – work done outside of students concentration	
6 month part-time, 3 month full-time internship	
PSY 7980 Dissertation: Doctoral	12

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

PUBLIC ADMINISTRATION PROGRAM

Master of Public Administration (M.P.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 15
Summer:	February 15

Minimum Total Hours:	42
Program Level:	Masters
CIP Code:	44.0401
Dept Code:	GIA
Program (Major/College):	PAD AS

Also offered as:

A Doctoral Minor in Public Administration

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Government and International Affairs

Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The Public Administration Program offers a multi-disciplinary course of study leading to the Master of Public Administration (M.P.A.). The M.P.A. degree is designed primarily to prepare students for successful leadership roles and management careers in the public (i.e., governmental and quasi-governmental organizations) and non-profit sectors. Students enrolled in the M.P.A. Program pursue careers in local, state, or federal agencies of government, non-profit organizations, and special service districts. Additionally the M.P.A. degree prepares individuals for further academic study leading to a doctorate in Public Administration, a Ph.D. in Public Policy and Administration, as well as a variety of other disciplines. Those employed in public management positions may wish to pursue the M.P.A. in order to broaden educational backgrounds to prepare for increased job responsibilities, or to change career paths. Such in-service students currently make up the majority of the M.P.A. student body.

The Public Administration Program also offers courses of study leading to a Graduate Certificate in Public Management (G.C.P.M.) and Graduate Certificate in Nonprofit Management (G.C.N.M.). These programs are designed for individuals who wish to acquire knowledge of public and nonprofit management theory and practices, but who do not find it necessary or feasible to pursue the M.P.A. degree. The M.P.A. Program also serves pre-service students who have recently completed a bachelor's degree, who wish to gain entry to a professional career track. Students admitted to the M.P.A. are not eligible for the Graduate Certificate in Public Management.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools; the National Association of Schools of Public Affairs and Administration (NASPAA).

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Admission decisions to the M.P.A. Program are based on an overall assessment of the applicant's potential for successfully completing the M.P.A. degree. General admission criteria include scores obtained on the Graduate Record Examination (GRE), performance as an undergraduate.

Specific criteria are:

- Completion of a Bachelor's degree from a regionally accredited university.
- The University of South Florida requires a 3.00 (B) grade point average (calculated using grades earned for all coursework completed during junior and senior years of undergraduate study), and GRE scores of 500V, 500Q, 4.0AW or better preferred. This provision applies to all applicants, including those who have already completed courses in the MPA curriculum. Regardless of GPA, those who score 850 or below on the GRE, are required to retake the exam.
- Two letters of recommendation, one from a faculty member familiar with the applicant's academic performance and potential. Should the applicant be unable to provide the letter from a former professor, with the director's approval, letters from other sources will be accepted.
- The submission of a one-page career statement detailing the applicant's career goals and aspirations, including ways in which the applicant believes the M.P.A. degree can help to facilitate the stated goals.
- Approval by the M.P.A. Admissions Committee and, if deemed necessary, an admissions interview. Applicants lacking the background necessary for graduate study in the M.P.A. Program may be asked to take additional undergraduate courses prior to admission.
- The GRE is a required element for MPA admission. However, at the discretion of the MPA program, it may be waived under certain conditions. Examples where GRE waivers may be waived include:
 - Applicant already possesses a graduate degree from a regionally accredited university
 - A written application by the student and a current resume indicating senior level experience
 - Five years or more of practical, professional experience at a senior level (to be determined upon review of documentation by the admissions committee)
 - Documentation of past experience through letters of recommendation from senior management, and
 - Completion of the GCPM or GCNM certificates with a grade point average of 3.5/4.0 or better and no certificate course grade less than a B-.
 - Approval of the Public Administration Admission Committee; decision to be made on a case by case basis. (Additional documentation and a personal interview may be required)

DEGREE PROGRAM REQUIREMENTS

The M.P.A. required curriculum is a minimum of 42 hours. All students must complete a core of nine courses (27 hours) and either four or six courses (15 hours) in elective coursework selected in consultation with an advisor. Students with appropriately documented administrative work experience commensurate with their career goals may not be required to complete an internship in a public or nonprofit agency. However, students without practical administrative experience in a public or nonprofit sector must complete an internship (6 hours).

The number of elective courses required depends upon the exit option selected by the student. The Problem Report exit option requires four (4) elective courses, as well as registration for PAD 6909, Problem Report for three (3) hours. The Capstone course exit option requires students take 6 elective courses, one of which will be PAD 6056, The Practice of Public Management. At least 24 credit hours must be taken at the 6000 level. A minimum of 27 credit hours must be taken in formal, regularly scheduled classes. Courses at the 5000 level are accepted for credit toward the M.P.A. degree.

Core Requirements (27 hrs)

PAD 5700 Research Methods in Public Administration	3
PAD 6060 Public Administration Theory and Practice	3
PAD 6041 Ethics and Public Service	3
PAD 6227 Public Budgeting	3
PAD 6307 Policy Analysis, Implementation, and Program Evaluation	3
PAD 6417 Human Resources Management	3
PAD 6703 Quantitative Aids for Public Managers	3
PAD 6710 Public Information Management	3
PAD 6275 Political Economy for Public Managers	3

Electives (12-15 credit hours)

Each student must take 12-15 elective credit hours depending on the exit option chosen. Students should refer to the MPA website <http://www.cas.usf.edu/pad/index.html> <http://gia.usf.edu/pad> for courses approved by the Program. Students must maintain an overall GPA of 3.00 or better in all of their coursework during the program.

Internship (6 credit hours)

Pre-service students are required to complete a supervised internship (PAD 6946. Internship in Public Administration) in a governmental or non-profit organization. Internships provide students the opportunity to gain valuable experience in the public sector, thereby enhancing the academic course of study. Internship credits must be earned while the student is in residence and before the student has completed regular course work requirements. Exceptions to this rule can only be made by the M.P.A. Director and must be made in advance. In-service students who have appropriate managerial/work experience commensurate with their career goals, may not be required to complete an internship. After consultation with the student, the M.P.A. Director may choose to waive the internship requirement.

Exit Requirements**Capstone Course (3 credit hours)**

PAD 6056, The Practice of Public Management, is a final step before graduation. To be eligible to enroll in the capstone course, students must have completed a minimum of 39 credit hours (13 courses). This course is designed to provide the student with an opportunity to apply the knowledge and skills acquired during studies in the Public Administration Program. This course is designed to challenge students to test managerial proficiency, develop capabilities in synthesizing and integrating conceptual frameworks, and to relate these skills to real managerial situations. A minimum grade of "B-" must be earned in the Capstone Course.

-OR -

PAD 6909 Problem Report (3 credit hours)

The Problem Report focuses on a significant administrative/policy problem confronting a public or nonprofit manager or agency. Upon completion, the student should have demonstrated the ability to identify a problem and a set of solutions, collect and analyze relevant data, and present and defend a recommended course of action intended to solve the problem. The student is expected to present and be prepared to defend these findings (both verbally and in writing) to a committee. This option is available only after the student has obtained faculty advisors and submitted a written proposal that complies with Problem Report requirements. Copies of Problem Report, the proposal guidelines, and expectations can be obtained from the M.P.A. Program or M.P.A. website. Students selecting this exit option must complete four elective courses. This requirement is to be completed near the end of the student's course of study. In-service students must select a problem for study that lies outside their immediate work-related responsibilities. The Problem Report Committee shall consist of at least two M.P.A. faculty and, where appropriate, and with permission of the examination committee, a qualified person outside the M.P.A. Program. A minimum grade of "B" must be achieved on the Problem Report. Students must register for PAD 6909 Problem Report, (3 credit hours).

Doctoral Minor in Public Administration

Students enrolled in doctoral level courses of study in other programs (e.g., Anthropology, Psychology, Education) can, with their program's approval, complete a doctoral minor in Public Administration. Students should complete a minimum of four graduate public administration courses to be determined with the advice and consent of an M.P.A. faculty member or M.P.A. Director.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

RELIGIOUS STUDIES PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 15

Dept Code:	REL
CIP Code:	38.0201
Program Level:	Masters
Minimum Total Hours:	36
Program (Major/College):	REL AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Religious Studies
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The M.A. degree in Religious Studies provides opportunities for students with backgrounds in the scholarly study of religion to expand their knowledge of the social, cultural, intellectual, and historical contexts of religion, to develop a greater in-depth knowledge of particular religious traditions, and to acquire proficiency with a variety of pertinent methodologies and theoretical perspectives. The degree serves the needs of students who pursue careers in health professions in education, journalism, law, business, politics, and social work. It will be of special value to those interested in pursuing a doctorate in religious studies.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas: Biblical Studies, Biblical Archaeology, Christianity, Judaism, Mysticism, Philosophy of Religion, Buddhism, Daoism, Confucianism, Hinduism, Chinese Medicine, Religion in Culture and Society, African Religion, African-American Religion, Afro-Caribbean Religion.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university plus:

- Three (3) letters of recommendation, and
- A writing sample
- A personal statement (1-3 pages, double-space)
- GRE required, but no minimum specified

DEGREE PROGRAM REQUIREMENTS

Students select a major professor and develop a plan for completing a **minimum of 36 credit hours**. The thesis track requires six (6) of these credits be devoted to a thesis project. The non-thesis track requires that all 36 credits come from graduate seminars. The plan of study is subject to approval of the Graduate Committee. A majority of these

courses will be in religious studies, although the plan may include approved courses in other departments. No more than 6 credit hours of 4000-level courses may be counted for graduate credit. There is no uniform language requirement; however, language skills may be required for particular areas of study. All students are required to demonstrate expertise in at least two religious traditions, as well as satisfactorily complete a written, comprehensive examination wherein they demonstrate competence in:

- 1) pertinent theoretical issues and research methodologies;
- 2) the analysis and interpretation of related texts, artifacts, and activities; and
- 3) social and historical contexts of the religions studied.

The Department of Religious Studies "Graduate Student Handbook" should be consulted for additional information about basic requirements and specific procedures.

Total Minimum hours	36 hours
Core Requirements (15 hrs)	
REL 6035 Theory and Methods in Religious Studies	3
Six (6) hours of courses in Western Religions (Christianity, Judaism, or Islam)	6
Six (6) hours of courses in Eastern Religions (Hinduism, Buddhism, Daoism, or Confucianism)	6

Electives (15-21 hrs)

No more than six (6) hours may come from independent study/directed reading.

No more than six (6) hours may come from classes below 6000-level.

No more than six (6) hours may come from departments other than Religious Studies.

Thesis/Non-Thesis

Thesis

The student wishing to receive an M.A. degree with a thesis is required to take a minimum of 36 credits. They will complete the core requirements and fifteen (15) hours of elective credits. They will also complete a minimum of six (6) credits of REL 6971. The student will pass a comprehensive exam prior to defending the master's thesis. They will research, write, and successfully defend the master's thesis before a committee of three professors.

Non-Thesis

The student wishing to receive an M.A. degree without a thesis is required to take a minimum of 36 credits. They will complete the core requirements and twenty-one (21) hours of elective credits. The student will also pass a comprehensive exam.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

RELIGIOUS STUDIES / EDUCATION PROGRAM

Dual Degree Program
Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:
Closed for new admissions

Minimum Total Hours: n/a
Program Level: Masters
CIP Codes: 38.0201
Dept Code: REL
Program (Major/College): REL AS

CONTACT INFORMATION

Colleges: Arts and Sciences and
Education
Departments: Religious Studies
Contact Information: www.grad.usf.edu
Other Resources: www.usf4you.usf.edu

Currently, no students are being admitted to this program

SECOND LANGUAGE ACQUISITION AND INSTRUCTIONAL TECHNOLOGY (SLAIT) PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: February 15
Fall admission only

International applicants not in the U.S.:

Fall: February 1
Fall admission only

International applicants currently in the U.S.:

Fall: February 15
Fall Admission Only

Minimum Total Hours: 74

Program Level: Doctoral

CIP Code: 13.401

Dept Code: EDI

Program (Major/College): DLT EJ

Cross-listed under the College of Arts and Sciences, the College of Education, and the Interdisciplinary Programs Sections.

CONTACT INFORMATION

Colleges: Education and
Arts and Sciences
Department: Secondary Education

Contact Information: www.grad.usf.edu
Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

This is an interdisciplinary program between the College of Education and the College of Arts and Sciences and combines the expertise of both faculties to provide a curriculum in pedagogy, world language education, second language acquisition, sociolinguistics, socio-cultural theory, instructional technology, statistics, and research design. The goal of the program is to prepare students for careers in academia.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

Second Language Acquisition, Instructional Technology, Foreign Language Education, ESOL, Distance Learning.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Admission Requirements

In addition to the general admission requirements under the advanced graduate education programs, applicants must:

- Submit a "Statement of Purpose" relating their career goals specifically to this doctoral program and describing their experience with instructional technology and language teaching;
- Supply a current curriculum vitae;

- Provide 3 letters of recommendation from professors or other individuals who can attest to the applicant's experience and background;
- Offer evidence of research experience or scholarly promise;
- Meet with the graduate faculty for a personal interview;
- Take a two-hour background assessment to assist faculty in planning the prospective student's program of studies.

Most students admitted to this program will:

- Possess a Master's degree (or equivalent academic level) from a regionally accredited institution or its international equivalent;
- present a minimum GPA of 3.50 (or international equivalent);
- score at or above 500 on the GRE verbal reasoning and 4 on the GRE analytical writing section;

Submit a TOEFL score of minimum 550 (paper-based), 213 (computer-based), or 80 (internet-based), if applicable.

Program evaluates each applicant's dossier based on a composite of variables and appropriateness of fit with the program

For international applicants

Applicants whose native language is not English or who have not earned a degree in the United States must also submit TOEFL scores earned within two (2) years of the desired term of entry. A minimum total score of 79 on the internet-based test, or 550 on the paper-based test, are required. Applications submitted with TOEFL scores that do not meet the minimum requirements will be denied. The TOEFL requirement may be waived if the applicant meets one of the following conditions:

- The applicant's native language is English, or
- Has scored 500 or higher on the GRE Verbal Test, or
- Has earned a college degree at a U.S. institution of higher learning, or
- Has earned a college degree from an institution whose language of instruction is English (must be noted on the transcript), or
- Has scored 6.5 on International English Language Testing System (IELTS) <http://www.ielts.org/>.

In addition to these university requirements, applicants to the College of Education must provide the following:

- An external, course by course evaluation of the foreign degree by an approved external agency, and based on official transcripts;
- A social security number in degree programs requiring practica or internships;
- Other information as required by the program of interest (e.g. Graduate Record Exam scores, etc.).

DEGREE PROGRAM REQUIREMENTS

Prerequisites:

(The prerequisite courses are based on the needs of the individual student; they are not counted towards the 44 hours of required core course work. No minimum or maximum number of prerequisites must be taken. Their selection quantity is reviewed by the student in consultation with his/her SLA/IT supervisory committee chair prior to the student's first semester of study, and is begun during the first year. Please refer to the Program of Study at:

<http://www.coedu.usf.edu/slait/programStudy.htm>

Prerequisite Coursework

LIN 5700 Applied Linguistics	3
FLE 6665 Current Trends in Foreign Language Education	3
LIN 6720 Second Language Acquisition	3
LIN 6081 Introduction to Graduate Studies	3
TSL 5371 Methods of TESOL	3

TSL 5372 ESOL Curriculum and Instruction	3
EME 5403 Computers in Education	3
TSL 5471 Language Testing	3
FLE 4314/5313 <i>or</i> FLE 4333/5331 Methods of Teaching Foreign Languages	3

Program of Study: **74 hours minimum**

44 hours of core requirements (with suggested credit hours for different sub-categories);

12 credit hours of electives;

18 hours of dissertation work.

See each section (immediately below) for specific information and course suggestions.

Core Requirements: **44 hours****Statistics/Measurement/Research Design:** **14 hours minimum**

EDF 6407 Statistical Analysis of Education I 4

EDF 7408 Statistical Analysis of Education II 4

*and either*EDF 7477 Qualitative Research I **and** 4

EDF 7478 Qualitative Research II 4

*or*EDF 7410 Design for Systematic Studies in Education **and** 4)EEX 7743 Philosophies of Inquiry **or** 3

EDG 7931 Introduction to Qualitative Research 3

Second Language Acquisition: **18 hours**

SLA 7776 Research Lab 1 2

SLA 7776 Research Lab 2 2

SLA 7776 Research Lab 3 1-4

SLA 7776 Research Lab 4 1-4

SLA 7776 Research Lab 5 1-2

SLA 7776 Research Lab 6 1-2

SLA 7938 Advanced Seminar in SLA 3

SLA 7939 Advanced Seminar in FLE 3

EDG 7931 Sociocultural Theory in SLA 3

Instructional Technology:**12 hours**

EME 6936 ACET Interactive Media 3

FLE 6932 Applications of Technology to SLA/FLE 3

EDF 6284 Problems in Instructional Design (prerequisite for EME 6613) 3

EME 7938 Computer-Augmented Instructional Paradigms 3

(Survey of research in instructional technology)

Electives: **12 hours**

Courses (not inclusive of these) are selected with the approval of the student's program advisor or committee.

Elective coursework must be taken at the graduate and/or advanced graduate level. Select a total of 12 hours of

electives from the following three groups (A, B, and C).

Group A: Second Language Acquisition (6-9 hours are required from Group A)

LIN 6018 Topics in Theoretical Linguistics 3

LIN 6117 History of Linguistic Thought 3

LIN 6601 Sociolinguistics 3

LIN 6748 Contrastive Analysis 3

LIN 6931 Writing Processes in SLA	3
EDG 6931 Heritage Language Teaching & Learning	3
LIN 6932 Discourse Analysis	3
FLE 6932 Dual Language in Education	3
EDG 7931 Advanced Seminar in Heritage Language Teaching & Learning	3

Group B: Technology

EME 6613 Development of Technology-Based Instruction	3
EME 6930 PLE: FLASH	3
EME 6930 PLE: Web Programming I	3
EME 6936 ACET: Digital Video	3
EME 6936 ACET: Instructional Graphics	3
EME 6936 ACET: Current Trends in Ed Technology	3
EME 6936 ACET: Web Design	3
EME 7939 Research Methods in Technology-Based Education (EDF 7410 as prerequisite)	3
EME 7458 Research in Distance Learning	3
EME 7631 Research in Technology Project Management	3
EME 6936 Internet in Education	3

Group C: Education, Anthropology, Psychology

EXP 6643 Psychology of Language	3
EDF 7145 Educational Psychology	3
EDF 6883 Issues in Multicultural Education	4
EDF 7586 Classics in Educational Research	4
EDF 7934 Seminar in Social Foundations of Education	4
EDF 7692 Issues in Curriculum and Instruction	3
EDG 7931 Practicum in Teacher Education	3
EDG 7931 Curriculum Frameworks in Teacher Education	3
ANG 6766 Seminar in Anthropological Linguistics	3

Dissertation:

SLA 7980 – SLAIT Dissertation	18
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18 hours**Qualifying Examination:**

All students will be required to pass a written qualifying examination (QE). The QE integrates work in the specialization, cognate, and foundations areas, in this case, in Second Language Acquisition, Instructional Technology, and Teacher Education.

Residency requirements:

Students must enroll in a minimum of 9 hours for each of two semesters in a 12 month period to fulfill the residency requirements. Students in the Ph.D. program should be engaged in no more than half-time employment during the residency period.

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

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

SOCIOLOGY PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:	
Fall:	February 15
Minimum Total Hours:	36
Program Level:	Masters
CIP Code:	45.1101
Dept Code:	SOC
Program (Major/College):	SOC AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Sociology
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The Sociology M.A. program provides a foundation in a broad range of sociological theories and research methods and an opportunity for pursuing specialized interests in elective Sociology courses, courses in other departments, and thesis research. Many of our M.A. recipients continue in sociology Ph.D. programs. Others teach in secondary schools and junior colleges, are employed in mental health services and research, in human resources management, and government organizations, or work as research consultants and market analysts.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas:

Community and Identity Studies, Cultural Sociology, Social Psychology, Emotions, Family, Sex and Gender, Race/Ethnic/Minority Relations, Religion, Deviant Behavior/Social Disorganization, Science and Technology, Qualitative Methodology

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as university plus:

- three letters of recommendation
- personal statement
- a writing sample that demonstrates strong scholarly research
- GRE required – preferred scores of 500V, 500Q
- Official Transcripts
- **TOEFL.** Applicants whose first language is not English must also submit a score of at least 600 on the Tests of English as a Foreign Language (TOEFL).

DEGREE PROGRAM REQUIREMENTS

Total Minimum Hours: 36

The Sociology Department requires a thesis for the capstone course. Six of the required 36 hours are taken as thesis hours.

Core Requirements (9 hours)

SYA 6126	Contemporary Sociological Theory	3
SYA 6305	Methods of Research	3
SYA 6405	Sociological Statistics	3

Electives (21 hours)

The 21 hours of electives must include at least 12 hours in scheduled graduate courses in Sociology). With approval of the Graduate Director, a student may transfer up to six (6) hours of credit from another university or up to 12 hours of credit taken as a non-degree seeking student at USF. With Graduate Director's approval, up to nine (9) hours of elective credit may be taken in a department other than Sociology.

Thesis (6 hours)

SYA 6971 6 credit hours

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

SOCIOLOGY PROGRAM

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall: January 15

Minimum Total Hours: 60 (post masters)

Program Level: Doctoral

CIP Code: 45.1101

Dept Code: SOC

Program (Major/College): SOC AS

CONTACT INFORMATION

College: Arts and Sciences

Department: Sociology

Contact Information: www.grad.usf.edu

Other Resources: www.usf4you.usf.edu

PROGRAM INFORMATION

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Note: meeting these minimum requirements does not guarantee admission into the program.

Applicants must have:

- **GRE.** A minimum score of 600 verbal and 500 quantitative
- Three letters of reference
- Personal Statement
- Example of Written Work
- GRE Required – preferred scores 600V, 500Q

DEGREE PROGRAM REQUIREMENTS

The **60 credit hour minimum** post-M.A. program is as follows:

Pre-Requisites/M.A. Requirement	36 hours
Research Methods	
Statistics	
Sociological Theory	
Elective Courses (21 hours)	
Thesis (6 hours)	
Interdisciplinary Core	6 hours
Interdisciplinary Professional Seminar (required as a first course for all students)	
Capstone Interdisciplinary Seminar (Required as a final course for all students)	
Disciplinary Requirements	6 hours*
SYA 7515 Advanced Research Methods and Study Design	3
SYA 7019 Advanced Sociological Theory	3

Specialty Research Methods course	3 hours
A research methods course in any discipline chosen in consultation with advisor	
Electives within Sociology	9 hours
Sociology graduate courses chosen in consultation with advisor	
Interdisciplinary Electives	12 hours
Courses in at least two departments outside Sociology. Chosen in consultation with faculty advisor	
Dissertation Proposal Preparation	6 hours
Dissertation	18 hours
SYA 7980 Dissertation	
Total Credit Hours (beyond the M.A.)	60 hours

Other Requirements

Comprehensive Exam

*Note: Students also are required to complete a comprehensive exam upon completion of the 9-credit core requirements. The exam will measure theoretical and methodological knowledge, preparation for further coursework, and ability to successfully defend a dissertation proposal. Dissertation proposal defense will occur after the remaining elective requirements and dissertation proposal preparation requirements have been completed.

Graduate Requirements

A minimum cumulative graduate GPA at USF of 3.00 and successful completion and defense of a Ph.D. comprehensive exam, dissertation proposal, and dissertation.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

SPANISH PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:
Fall: February 15
Spring: October 15
Summer: February 15

Minimum Total Hours: 36
Program Level: Masters
CIP Code: 16.0905
Dept Code: WLE
Program (Major/College): SPA AS

CONTACT INFORMATION

College: Arts and Sciences
Department: World Languages
Contact Information: www.grad.usf.edu
Other Resources: www.usf4you.usf.edu
www.cas.usf.edu/languages/

PROGRAM INFORMATION

The Hispanic/Latino area of the Department of World Languages supports a broad, intellectually driven approach to teaching language, culture and literature in higher education. Languages and cultures are complex, multifunctional phenomena that link an individual to other individuals, to communities and to national cultures. The graduate program in Spanish offers students academic and practical training in the languages, literatures and cultures of the Spanish-speaking communities of Spain, Latin America, and the United States. Students who receive a Masters of Arts in Spanish from the Department of World Language Education at USF become well-educated communicators with deep translanguing and transcultural competence. Thus, they are exceptionally prepared to either continue studies leading to the Ph.D., or find careers in related fields such as the teaching profession, translation, government and civil service and agencies, legal and paralegal services, or foreign and domestic business enterprises.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Must have:

- undergraduate 3.0 GPA
- 2-3 letters of recommendation,
- A two-page statement of purposes in Spanish.
- an oral interview in Spanish (can be done by phone)
- If degree is from abroad student must pass TOFEL. A score of 213 for computer based test, or 79 for internet based test, or 550 for paper based test.
- Approval from the program director in case of degree from another discipline

DEGREE PROGRAM REQUIREMENTS

Total Minimum Hours

36

Core Requirements

FOW 6085, Bibliography 1

Students must have taken, or plan to take, an Introduction to Hispanic Linguistics course, or equivalent, prior to or during their MA studies in Spanish. This requirement must be fulfilled before taking the MA comprehensive exam.

Courses - 35 hours

Select courses from

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 19 th Century Literature	3
SPW 5605 Cervantes	3
SPW 5725 Generation of 1898	3
SPW 5726 Vanguard Literature 1918 1936	3
SPW 5934 Selected Topics	3
SPW 6427 Golden Age Novel	3
SPW 6485 Post Civil War Literature	3
SPW 6775 Caribbean Literature	3
SPW 6910 Directed Research	1-19

Or - Students may also take 27-30 semester hours in Spanish and 6-9 semester hours in another related area, as approved by Graduate Director. Two 4000 level courses (BA) can count towards the degree provided the student is enrolled in the MA program or had a prior arrangement with the Graduate Director.

Areas of Emphasis

Select one of the areas of emphasis below:

Emphasis Option A: Languages and Cultures

Refer to core requirements above.

Non-thesis option.

Emphasis Option B: Literatures and Cultures

In addition to core requirements above:

Proficiency in a second foreign language. The second foreign language requirement can be satisfied by having completed the second semester of a language other than Spanish within the last two years, or by taking a placement test and placing into level III of that language, or by taking the second semester of another language other than Spanish while pursuing the Spanish Masters. In special cases, a translation and brief oral interview can be arranged in place of these requirements.

Thesis (6 hours)

SPW 6971

Students are strongly encouraged to undertake MA thesis work. If a student selects this option, he/she must complete 27 semester hours of SPN/SPW 5000-6000 level courses (or 21-24 semesters hours in Spanish and 6-9 semester hours in another related area, as approved by the Graduate Director.) Two 4000 level courses (BA) can count towards the degree, provided the student is enrolled in the MA program, or had a prior arrangement with the Graduate Director. In addition, 6 semester hours (SPW 6971), towards completion of MA thesis, must be completed

Comprehensive Exam

Successful completion of a Comprehensive Exam at the end of coursework (typically in the second semester of the second year). This exam is based on the MA reading list.

OTHER INFORMATION

Three Summer M.A. program: Students may also receive the M.A. in Spanish by enrolling in courses at the Tampa campus during the summer, whenever courses are available.. Generally the degree is received after three summers of study. Contact the Graduate Program Director for details.

Special Summer Programs Overseas

The Division of Languages and Linguistics, in cooperation with the International Affairs Center, offers several summer study programs overseas. These include study in Argentina, Spain, and Costa Rica. For complete details, contact the program advisors or the International Affairs Center.

To obtain a copy of the Masters of Arts in Spanish handbook, please visit the World Language Department in CPR 419.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

STATISTICS PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

For Teaching Assistants, International and Financial Aid Applicants:

Fall:	February 1
Spring:	August 1

For Domestic applicants (US citizens or permanent residents) without financial aid or Teaching Assistant applicants:

Fall:	February 15
Spring:	October 1

Minimum Total Hours:	30
Program Level:	Masters
CIP Code:	27.0501
Dept Code:	MTH
Program (Major/College):	STC AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Mathematics and Statistics
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas: n/a

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

To be admitted for graduate study in the Statistics program, students

- Should have at least 3.50 GPA average in courses taken during the last two years of their undergraduate or graduate studies.
- Must have a BA or BS in one of the following areas: Statistics, Mathematics, Physical Sciences, Engineering, or Business.
- Students who expect to specialize in graduate work in statistics are advised to study as much mathematics as possible during their undergraduate years. Some interdisciplinary experience in natural sciences, engineering, economics, or psychology is also highly desirable. Students who do not have at least three semesters of successful course work in calculus will be required to complete additional courses in mathematics before being admitted. Prior course work in advanced calculus and in statistics is preferable, but not mandatory.
- GRE is required with a quantitative score of at least 650 required for admission. Students whose native language is not English must score at least 550 (paper based) or at least 79 (internet based) on the Test of English as a Foreign Language (TOEFL) exam. However, for students who have a BA or higher degree from an accredited U.S. institution that requirement is waived.

International students whose native language is not English must submit satisfactory scores on the Test of Spoken English (TSE) or the SPEAK test to be eligible for teaching assignments. Students who score 50 or above on the Speak Test are allowed to teach in the classroom. Those who score 45 to 50 are allowed to teach on the condition that they enroll concurrently in ENS 4502. (See the Graduate Catalog for more details.)

The University of South Florida and the Department of Mathematics and Statistics encourage applications from qualified individuals from all cultural, racial, religious, ethnic groups, gender, sex orientation, disabilities in accordance with all university regulations.

OTHER INFORMATION

The most recent supplementary document for the Statistics graduate students. "THE HANDBOOKS FOR BOTH M.A. AND Ph.D. GRADUATE STUDENTS IN STATISTICS/PROBABILITY PROGRAMS" at the Department of Mathematics and Statistics, University of South Florida, Tampa, Florida, USA, dated October 2007 (revised October 2009) are available at the following websites:

<http://math.usf.edu/grad/stats/ma/>

[http://math.usf.edu/grad.stats.phd/](http://math.usf.edu/grad/stats.phd/)

Prospective graduate students in Statistics are welcome to read the information on the Handbooks. In addition, a HARD COPY OF THESE HANDBOOKS will be provided to graduate students at the time of their FIRST time academic advisement process.

DEGREE PROGRAM REQUIREMENTS

Total Minimum Hours

30 hours

Core Requirements

Sequences:

STA 5166 – Statistical Methods	3
STA 6167 – Statistical Methods II	3
STA 5326 – Mathematical Statistics I	3
MAT 6932 – Mathematical Statistics II	3
STA 6208 – Linear Statistical Models	3

Electives:

STA 5446 – Probability Theory I	3
STA 6447 – Probability Theory II	3
STA 5526 – Nonparametric Statistics	3
STA 6746 – Multivariate Analysis	3
STA 6876 – Time Series Analysis	3
MAT 6932 – Survival Analysis	3
MAT 6932 – Stochastic Processes	3
MAT 6932 – Stochastic Dynamic Modeling	3
STA 6877 – Time Series Analysis II	3
MAT 6932 – Nonlinear Time Series Analysis	3
MAT 6908 – Independent Study (as indicated by professor)	
Mat 6932 – Special Topics Courses	3

A candidate must complete at least 30 credit hours for a MA. At least twenty hours must be in formal regularly scheduled course work, ten of which must be at the 6000 level. Up to 6 credit hours at the 4000 level or graduate courses from other departments at USF can be counted upon approval. A student who elects the thesis option must register for a minimum of 6 credit hours in MAT 6971, only 6 hours of which may be applied toward the 30-hour

degree requirement. The student must maintain a 3.00 average to remain a candidate for a degree. Failure to do this will result in being placed on probation. A letter from the major professor is required to remove a student from probation after he/she regains a 3.00 average.

Department may waive some of the course requirements for those students who have taken equivalent course work at another institution.

Comprehensive Examination

Graduation from the masters program also requires the completion of both written and oral examinations. For the non-thesis option, there is no language or thesis requirement for the M.A. degree.

Written Comprehensive Examination The written exam is designed to cover material presented during the first year of graduate work. The purpose of the exam is to make sure the students have reviewed their first year's work before starting the second year and to point out weaknesses which should be overcome during their second year in order to graduate. Students are expected to pass this exam in at most two attempts. More specifically, the material for the above examination will be taken primarily from the following sequences of courses Semester 1: STA 5166 Statistical Methods I and STA 5326 Mathematical Statistics I; Semester 2: STA 6167 Statistical Methods II and MAT 6326 Mathematical Statistics II, and STA 6208 Linear Statistical Models.

A. Non-thesis Option

At least 30 hours of Statistics and Mathematics graduate courses. Specifically:

(A) The Statistics and Mathematics graduate courses of 5000 level or higher, offered regularly for statistics and mathematics majors from our department are counted towards the 30 hours requirement.

(B) Up to 6 hours of 4000 level or higher courses, taken from our department or other departments at USF, may be counted towards the 30 hours requirement with approval by the Statistics Faculty.

(C) Completing at least 3 hours of Research Project work which is counted towards the 30 credit hours requirement

- Taking the course MAT 5912 – Research Project (Non-Thesis Option) and presenting a paper exemplifying the creative component of the degree program.. This may be, but is not restricted to, a literature review, a report of independent research, design and (or) analysis of a sample survey or experiment, a report on consulting with research workers outside the department, or a report on the construction of a computer program requiring statistical numerical analysis.
- Taking the sequences Statistical Methods and Mathematical Statistics with at least a “B” average for each sequence.
- Passing one Qualifying Exam on Statistical Methods or Math Statistics at master's level.

Under this degree option, the student is required to present a paper representing the creative component of the degree program. This may be, but is not restricted to, a literature review, a report of independent research, the design and (or) analysis of a sample survey or experiment, a report on consulting with research workers outside the department, or a report on the construction of a computer program requiring statistical numerical analysis.

B. Thesis Option

Student's Graduate Committee

Students working toward a thesis degree will have the benefit of a committee of members of the graduate faculty, appointed by the program director/departmental chairperson and approved by the Dean of Graduate Studies. The committee will approve the course of study for the student and plan for research, supervise the research and any comprehensive qualifying exams, and read and approve the thesis for content and format.

- At least 30 hours of stat and math graduate courses (see above for details).
- Taking the sequences Statistics Methods and Mathematical Statistics with at least a “B” average for each sequence.
- At least 6 hours in MAT 6971, Master's Thesis, only 6 hours of which are counted in the 30 hours requirement.
- Oral Defense of the Thesis
- Final Submission of Approved Thesis.

Under this degree option 6 research credits may be applied to the total of 30 required on the student's program of study. These reductions are made to allow the student sufficient time to complete a formal master's thesis. A master's thesis is a scholarly composition that demonstrates the ability of the author to do independent and creative work. It explores in some depth a problem or issue related to the major field of study. Although considerable variations in format and style are acceptable, precise expression, logical construction, and meticulous attention to detail are essential. A thesis in statistics should deal with some aspect of statistical methodology or theory, or the development of statistical models for a class of problems related to a scientific question. While most theses will include a case study or example that involves scientific data, the analysis of a particular data set does not, alone, constitute the level of scholarly accomplishment required for a thesis.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

URBAN AND REGIONAL PLANNING PROGRAM

Master of Urban and Regional Planning (M.U.R.P.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15
Spring:	October 15
Summer:	February 15

Minimum Total Hours:	48
Program Level:	Masters
CIP Code:	04.0301
Dept Code:	GPY
Program (Major/College):	URP AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Geography
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The goal of the program is to train students to become planning practitioners able to work in a variety of public and private sector environments in a number of different fields. Graduates of this program will go on to play a vital role addressing the planning and public policy challenges in our region and beyond.

Effective planners must possess a wide range of cross-cutting skills; our program is therefore designed to foster strong analytical abilities; technological facility; effective communication skills; and deep knowledge in specialization areas. Our specialization areas build on the existing strengths of faculty across campus, and allow us to offer a program that will be distinctive within the state and around the country. Emphasis on environmental planning, building on faculty expertise in Geography, Geology and Environmental Sciences and Policy, gives our program a unique edge. Similarly, our courses in applied quantitative and geospatial analysis draw on the technological skills and high-quality facilities of the Geography Department; we will also have a strong program in Growth Management and Transportation Planning based on our links to the Center for Urban Transportation Research and the Florida Center for Community Design and Research. Graduates of the Masters program in Urban and Regional Planning will be able to:

1. Engage in policy-related research relevant to urban and regional issues
2. Assume positions of leadership public, private and nonprofit organizations engaged in planning, land use, and public policy
3. Further public discourse on the problems confronting cities and regions
4. Utilize communications and technical skills to become successful at all levels of the planning profession.

The program offers an MA with both a thesis and a non-thesis option. The Thesis Option Requires 42 credit hours of graduate level coursework with a six credit hour thesis. The Non-thesis option requires 48 credit hours of coursework followed by a Comprehensive Examination. Coursework includes a six course (18 credit) core; completion of a 3-6 internship credits (with students already working the field exempt upon approval). Students must maintain a 3.0 average.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Students must

- have taken the GRE exam with a minimum score of at least 500 V and 500 Q, taken within the last five years preceding the application and the score submitted regardless of the GPA.
- have a bachelor's degree with a 3.00 undergraduate GPA
- two letters of recommendation (one from a faculty member)
- a "letter of intent" explaining your background and interest in Urban and Regional Planning sent directly to the Geography Department; all other admissions material is submitted to the Graduate School.

DEGREE PROGRAM REQUIREMENTS

The program required 48 hours and will be based on satisfactory (3.0) completion of the following:

Core Requirement (18) hours:

URP 6100	Planning, Theory, and History	3
URP 6xxx	Politics and Policymaking for Planning	-
URP 6xxx	Political Economy and the Urban and Regional Environment	-
URP 6766	Research Methods for Urban and Regional Planning	-
URP 6xxx	Statistical Methods for Planners	-
URP 6xxx	Spatial Methods for Planners	-
URP 6115	Planning, Policy, and Politics	3

Electives: (18 hours)

Eighteen (18) hours of credit approved by the major adviser

Anthropology

ANG 5488	Quantitative Methods in Applied Anthropology (space permitting with Dept. permission)	-
ANG 6447	Selected Topics in urban Anthropology (as appropriate, depending on topic)	-
ANG 6448	Regional Problems in Urban Anthropology	3
ANG 6465	Regional Problems in Medical Anthropology	3
ANG 6766	Research Methods in Applied Anthropology (space permitting, with Dept permission)	3

Architecture and Community Design

ARC 6397	Introduction to Urban Design	3
ARC 5931	The City	1-5

Economics

ECO 6505	Public Finance	3
ECO 6525	Public Sector Economics	3
ECP 6614	Urban Economics	3
ECP 6624	Regional Economics	3

Geography

GSI 5049	GIS for Non-majors	3
GEO 6166	Perspectives on Environmental Thought	-
GEO 6159	GIS Seminar	-
GEO 6178	Environmental Applications of GIS	-
GEO 6345	Technological Hazards and Environmental Justice	3
GEO 6605	Contemporary Urban Issues	3
GEO 6704	Adv Transportation Geography	3

Public Administration/Political Science

POS 5159 Urban Policy Analysis	3
PAD 5333 Concepts and Issues in Public Planning	-
PAD 5807 Urban and Local Government Administration	3
PAD 6336 Community Development Programs and Strategies	3
PAD 6338 Urban Land Use and Policy Administration	3
PAD 6339 Housing and Public Policy	3
PAD 6355 Urban Growth Management	3

Public Health

PHC 6120 Community Partnership Advocacy	3
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Sociology

SYA 6475 Community Analysis	-
SYA 6440 SPSS and Social Research	-
SYA 6315 Qualitative Research	3
SYA 6655 Evaluation Research	-

Transportation Engineering

TTE 5501 Transportation Planning and Economics	3
TTE 6651 Public Transportation	3
TTE 6655 Transportation and Land Use	3
CGN 6933 Land Use and Transportation	1-4

Comps

Students in the thesis option complete the thesis in lieu of a comprehensive exam. Students in the non-thesis option complete a comprehensive exam.

Non-thesis

Non-thesis students will complete an additional 24-30 credits, drawn from the electives listed above.

Thesis (3 to 6 hours)

Thesis students will complete an additional 18-24 credits, drawn from the electives listed above.

Internship (3-6 hours)

In addition to the required courses listed above, all students will Complete between 3-6 credits of internship (Students currently working in the field of planning can be exempt from this requirement with approval of the Program Director)

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>

WOMEN'S STUDIES PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:

Fall:	February 15 (February 15 for assistantship applications)
Spring:	October 15
Summer:	February 15

Minimum Total Hours:	36
Program Level:	Masters
CIP Code:	05.0207
Dept Code:	WST
Program (Major/College):	WST AS

CONTACT INFORMATION

College:	Arts and Sciences
Department:	Women's and Gender Studies
Contact Information:	www.grad.usf.edu
Other Resources:	www.usf4you.usf.edu

PROGRAM INFORMATION

The M.A. in Women's Studies requires the completion of 36 credit hours. The program has two tracks: a research option that requires a thesis and an applied option that requires an internship and subsequent analytic report on the internship experience. This format was designed to serve the needs of a variety of different categories of students desiring a graduate degree in Women's Studies. The thesis option is recommended for students who intend eventually to pursue a doctoral degree. Either the thesis or the internship option is recommended for students who seek the M.A. as a terminal degree.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas: n/a

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

Same as general university requirements with the exception those applicants without training in Women's Studies are admitted on a conditional basis. In addition,

- GRE scores are required
- applicants must submit a personal narrative statement of purpose
- a writing sample (appropriate examples include a term paper or research paper)
- three letters of recommendation.

DEGREE PROGRAM REQUIREMENTS

The M.A. in Women's Studies requires the completion of thirty-six credit hours. These hours are divided as follows:

Core Requirements (12 credit hours)

WST 6001	Feminist Research and Methodology	3
WST 6560	Advanced Feminist Theory	3
WST 6003	Feminist Scholarship and Pedagogy	3
WST 6936	Selected Topics in Women's Studies	3

Electives (18 credit hrs) to be selected from

- Courses offered by the Department of Women's and Gender Studies, up to six cr. hrs. of which may be 4000-level courses;
- Graduate courses on women and issues surrounding the intersection of gender/class/race/sexuality offered by other departments;

No more than one other graduate-level course approved by the graduate director.

Comprehensive Examinations

Each student must pass a written comprehensive examination. It is expected that a student will successfully complete the comprehensive examination prior to beginning thesis or internship work.

Thesis

Six credit hours of thesis research, typically over two semesters, during which the student will develop a thesis proposal approved by the student's thesis committee and complete a Master's thesis on the approved topic. The completed Thesis must be defended at an oral defense.

Non-thesis

Six credit hours of internship experience, typically over two semesters, in a human service agency or other organization which focuses on women. The internship will be approved by the student's internship committee. The student will be required to write a narrative report describing the internship in detail and analyzing the experience in terms of appropriate theoretical frameworks. The completed narrative and experience must be defended as an oral defense.

COURSES

See <http://www.ugs.usf.edu/sab/sabs.cfm>