

1-1-2005

Accent on Learning, 2005-2006

University of South Florida

Follow this and additional works at: https://digitalcommons.usf.edu/usf_catalogs

Recommended Citation

University of South Florida, "Accent on Learning, 2005-2006" (2005). *USF Catalogs (Accent on Learning)*. 40.
https://digitalcommons.usf.edu/usf_catalogs/40

This Book is brought to you for free and open access by the University of South Florida Archival Collections at Digital Commons @ University of South Florida. It has been accepted for inclusion in USF Catalogs (Accent on Learning) by an authorized administrator of Digital Commons @ University of South Florida. For more information, please contact digitalcommons@usf.edu.

ACCENT ON LEARNING

UNDERGRADUATE CATALOG

OF THE

UNIVERSITY OF

SOUTH FLORIDA

2005-2006



Tampa Campus
4202 Fowler Avenue
Tampa, Florida 33620
Telephone: (813) 974-2011
<http://www.usf.edu/>

Lakeland Campus
3433 Winter Lake Road
Lakeland, Florida 33803
Telephone: (863) 667-7000
<http://www.lknd.usf.edu/>

USF St. Petersburg
140 Seventh Avenue South
St. Petersburg, Florida 33701
Telephone: (727) 553-4873
<http://www.stpt.usf.edu/>

Sarasota Campus
5700 N. Tamiami Trail
Sarasota, Florida 34243-2197
Telephone: (941) 359-4200
<http://www.sarasota.usf.edu/>

The announcements, information, policies, rules, regulations, and procedures set forth in this Catalog are for information only and are subject to continual review and change without notice.

The University of South Florida is committed to the principles of equal education, equal access, and equal employment opportunities without regard to race, color, marital status, sex, religion, national origin, disability, age, or Vietnam or disabled veteran status as provided by law and in accordance with the University's respect for personal dignity. These principles are applied in the conduct of University programs and activities and the provision of facilities and services.

Prospective students and other interested persons are invited to visit the University campuses. Most University offices receive visitors from 9:00 a.m.-5:00 p.m., Monday through Friday.

Prospective freshmen are encouraged to attend USF PREVIEW. This program, held on the Tampa Campus, is designed to acquaint participants with USF admission, financial aid, housing, annual costs, academics and student life. USF PREVIEW information is available from the Office of Admissions in Tampa.

The Tampa Campus of the University is located on Fowler Avenue (State Road 582) approximately two miles east of Interstate 275 and Nebraska Avenue (U.S. Route 41) and seven miles north of Interstate 4 off I-75.

The other campuses of the University are located in the places noted below.

Communicating With The University

Communications regarding the services and programs listed below should be directed by letter or by phone to the appropriate office on the Tampa, St. Petersburg, Lakeland, or Sarasota campuses. Mailing addresses and general telephone numbers for the campuses are given on the previous page. The offices listed below (on the Tampa Campus unless otherwise indicated) may be dialed direct at the telephone numbers shown.

Academic Advising (for Undeclared and Undecided Students)

Academic Advising, SVC 2011 974-2645
http://www.ugs.usf.edu/advising/advising_v/index.html

Academic Advising (for upperclassmen)

Arts & Sciences, BEH 201 974-2503
<http://www.cas.usf.edu/>
 Business Admin., BSN 1406 974-4290
<http://www.coba.usf.edu/>
 Education, EDU 106 974-1804
<http://www.coedu.usf.edu/>
 Engineering, ENC 1302 974-2684
<http://www2.eng.usf.edu/main.asp>
 Nursing, MDN 1036 974-2191
<http://hsc.usf.edu/nocms/nursing/index.html>
 Visual and Performing Arts, FAH 120 974-3660
<http://www.arts.usf.edu/>

Academic Support and Accommodations for Students with Disabilities

Coordinator, SVC 1133 (voice) 974-4309
 (TDD) 974-5651

<http://www.asasd.usf.edu/>

Applications and Admissions

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

Athletics (Intercollegiate)

Director of Athletics, ATH 100 974-2125
<http://gobulls.usf.edu/Sports/main.asp>

Career Development

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

Career Center

Cooperative Education Program, SVC 2088 974-2171
 Career/Job Search Assistance, SVC 2088 974-2171
<http://www.career.usf.edu/newsite/index.htm>

College Level Examination Program (CLEP tests)

Office of Evaluation and Testing Services, SVC 2054 974-2741
<http://usfweb2.usf.edu/UGRADS/EANDT/>

Continuing Education Courses and Conferences

Continuing Education, NEC 116 974-2403
 Conference Management Services, NEC 116 974-5731
<http://www.outreach.usf.edu/conted/>

Counseling

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

Educational Outreach

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

English Language Institute

CPR 107 974-3433
<http://nosferatu.cas.usf.edu/eli/>

Financial Assistance (scholarships, loans, employment)

Office of Financial Aid, SVC 1102 974-4700
<http://usfweb2.usf.edu/finaid/>

Graduate Studies

Office of the Dean, FAO 100B 974-2846
<http://www.grad.usf.edu/>

Health Services (Student)

Health Center, SHS 100 974-2331
<http://www.shs.usf.edu/>

Honors College

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

Housing: Campus Residence Halls

Office of Residence Life, RAR 229 974-2914
 Office of Housing, RAR 229 974-0001
<http://www.reserv.usf.edu/>

Housing: Off-Campus

Residence Services, MC 240 974-7613

International Student and Scholar Services

Office of the Advisor, CPR 469 974-5102
<http://cyber.acomp.usf.edu/iac/iss/>

Library Resources

Tampa Campus:
 Circulation (813) 974-1611
 Reference (813) 974-2729
<http://www.lib.usf.edu/>

St. Petersburg Campus:
 Circulation (727) 553-4405
 Reference (727) 553-4124
<http://www.nelson.usf.edu/mainpage/index.html>

Sarasota Campus:
 Circulation (941) 359-4305
 Reference (941) 359-4301
<http://lib.sar.usf.edu>

Lakeland Campus: PCC/USF Library

<http://www.polk.edu/it/library/> (863) 297-1042

Minority Student Advising

Center for Academic Advising, SVC 2011 974-2645
http://www.ugs.usf.edu/advising/advising_v/index.html

Orientation

Office of the Director, SVC 1138 974-3060
<http://usfweb2.usf.edu/orientation/>

Parking and Transportation Services

Parking Services, PSB 101 974-3990
http://usfweb2.usf.edu/parking_services/default.asp

Pre-Admission Advising for Prospective Freshman, International, Mature, Minority, and Transfer Students

Office of Admissions, SVC 1036 974-3350
<http://usfweb2.usf.edu/admissions/counselors.htm>

Reading Study Skills

Counseling Center /LEARN Program, SVC 2124 974-9281
<http://usfweb2.usf.edu/reading/>

Records, Registration

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

Student Affairs

Office of the Vice President, ADM 151 974-5533

Transcripts USF

Office of the Registrar, SVC 1034 974-2000

Tuition Waiver For Senior Citizens

Division of Lifelong Learning, NEC 116 974-2403
<http://www.outreach.usf.edu/conted/seniors/>

Undergraduate Studies

Office of the Dean, SVC 2002 974-4051
<http://www.ugs.usf.edu/ugs.htm>

WebCat@admin.usf.edu

University Experience Program

Office of the Coordinator, SVC 2031 974-4183
<http://www.sa.usf.edu/ue/>

University Police

Emergencies 911
 UPB 002 974-2628
<http://upolice.up.usf.edu/>

Veterans Services

Office of Veterans Services, SVC 2127 974-2291
<http://usfweb2.usf.edu/vetserve/>

CONTENTS

Academic Calendar	4
Accreditation and Degrees Offered	6
General Information	7
Admissions and Related Matters	10
Student Affairs and Student Services	19
International Affairs Center	27
Financial Information	29
Registration	33
Academic Policies and Procedures	37
Academic Programs and Services	59
Honors College	64
Architecture and Community Design	66
Arts and Sciences	68
Business Administration	122
Education	129
Engineering	143
Louis de la Parte Florida Mental Health Institute	165
Marine Science	166
Nursing	167
Public Health	172
Undergraduate Studies	174
Visual and Performing Arts	185
USF Lakeland	203
USF Sarasota	215
USF St. Petersburg	237
General Course Information	308
Undergraduate Course Descriptions	314
University Organization	400
Index	407

2005

ACADEMIC CALENDAR FOR UNDERGRADUATE STUDENTS

FALL SEMESTER, 2005

MAY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

JUNE						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JULY						
S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

AUGUST						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER						
S	M	T	W	T	F	S
					1	
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOVEMBER						
S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER						
S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

January 2	Sunday	Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents
March 1	Tuesday	Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents
April 15	Friday	Application Deadline for First Time In College Students for Fall Semester (New Freshmen)
July 1	Friday	Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except international applicants)
August 29	Monday	Classes begin
September 2	Friday	Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.
September 2	Friday	Last day to add courses - Deadline: 5:00 p.m.
September 2	Friday	Last day for late registration - Deadline: 5:00 p.m.
September 2	Friday	Last day to pay fees
September 5	Monday	CLAST Registration Deadline
September 23	Friday	Labor Day Holiday
October 1	Saturday	Graduation Application Deadline
October 3	Monday	CLAST Administration Day
October 12	Wednesday	Rosh Hashanah Begins
November 4	Friday	Yom Kippur
November 11	Friday	Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m.
November 24-25	Thursday-Friday	Veteran's Day Holiday celebrated
December 9	Friday	Thanksgiving Holidays
December 10-16	Saturday-Friday	Classes End
December 16	Friday	Final Examinations
December 17	Saturday	Commencement (Lakeland)
December 18	Sunday	Commencement (Tampa)
December 20	Tuesday	Commencement (St. Petersburg)
		Commencement (Sarasota)

SPRING SEMESTER, 2006

July 1	Friday	Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents
October 1	Saturday	Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents
October 1	Saturday	Application Deadline for First Time In College Students for Spring Semester (New Freshmen)
November 15	Tuesday	Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except international applicants)
January 9	Monday	Classes begin
January 13	Friday	Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.
January 13	Friday	Last day to add courses - Deadline: 5:00 p.m.
January 13	Friday	Last day for late registration - Deadline: 5:00 p.m.
January 16	Monday	Last day to pay fees
January 20	Friday	Martin Luther King Holiday
February 3	Friday	CLAST Registration Deadline
February 18	Saturday	Graduation Application Deadline
March 13-18	Monday-Saturday	CLAST Administration Day
March 24	Friday	Spring Semester Break
		Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m.
April 15	Saturday	Application deadline for First Time in College Students for Fall Semester 2005 (New Freshmen)
April 28	Friday	Classes End
April 29-May 5	Saturday - Friday	Final Examinations
May 6	Saturday	Commencement (Tampa)
May 7	Sunday	Commencement (St. Petersburg)
May 8	Monday	Commencement (Lakeland)
May 9	Tuesday	Commencement (Sarasota)

SUMMER TERM, 2006

2006

SESSION A (First Six-week Session)		
January 2	Monday	Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents
March 1	Wednesday	Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents
March 1	Wednesday	Application Deadline for First Time In College Students for Summer Semester (New Freshmen)
April 1	Saturday	Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except for international applicants)
May 5	Friday	CLAST Registration Deadline
May 15	Monday	Classes begin
May 19	Friday	Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.
May 19	Friday	Last day to add courses
May 19	Friday	Last day for late registration
May 19	Friday	Last day to pay fees
May 29	Monday	Memorial Day Holiday
June 3	Saturday	CLAST Administration Day
June 9	Friday	Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m.
June 9	Friday	Graduation Application Deadline
June 23	Friday	Last day of classes
June 26-30	Monday-Friday	Summer Break between Session A and Session B
August 12	Saturday	Summer Commencement (Tampa) - Tentative Date

SESSION B (Second Six-week Session)		
January 2	Monday	Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents
March 1	Wednesday	Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents
March 1	Wednesday	Application Deadline for First Time In College Students for Summer Semester (New Freshmen)
April 1	Saturday	Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except for international applicants)
April 15	Saturday	Application Deadline for First Time In College Students for Fall Semester 2006 (New Freshmen)
June 9	Friday	Graduation Application Deadline
July 3	Monday	Classes begin
July 4	Tuesday	Independence Day Holiday
July 10	Monday	Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.
July 10	Monday	Last day to add courses
July 10	Monday	Last day for late registration
July 10	Monday	Last day to pay fees
July 28	Friday	Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m.
August 11	Friday	Last day of classes
August 12	Saturday	Summer Commencement (Tampa) - Tentative Date

SESSION C (Ten-week Session)		
January 2	Monday	Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents
March 1	Wednesday	Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents
March 1	Wednesday	Application Deadline for First Time In College Students for Summer Semester (New Freshmen)
April 1	Saturday	Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except for international applicants)
May 5	Friday	CLAST Registration Deadline
May 15	Monday	Classes begin
May 19	Friday	Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.
May 19	Friday	Last day to add courses
May 19	Friday	Last day for late registration
May 19	Friday	Last day to pay fees
May 29	Monday	Memorial Day Holiday
June 3	Saturday	CLAST Administration Day
June 9	Friday	Graduation Application Deadline
June 23	Friday	Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m.
July 4	Tuesday	Independence Day Holiday
July 21	Friday	Last day of classes
August 12	Saturday	Summer Commencement (Tampa) - Tentative Date

JANUARY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

MARCH						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

APRIL						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

MAY						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

JUNE						
S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

JULY						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

AUGUST						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

ACCREDITATION

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

DEGREES* OFFERED AT THE UNIVERSITY

Undergraduate Degrees

Bachelor of Arts	B.A.	Master of Environmental Engineering	M.E.V.E
Bachelor of Fine Arts	B.F.A.	Master of Fine Arts	M.F.A.
Bachelor of Independent Studies	B.I.S.	Master of Health Administration	M.H.A.
Bachelor of Music	B.M.	Master of Industrial Engineering	M.I.E.
Bachelor of Science	B.S.	Master of Liberal Arts	M.L.A.
Bachelor of Science in Applied Science	B.S.A.S.	Master of Mechanical Engineering	M.M.E.
Bachelor of Science in Chemical Engineering	B.S.C.H.	Master of Music	M.M.
Bachelor of Science in Civil Engineering	B.S.C.E.	Master of Public Administration	M.P.A.
Bachelor of Science in Computer Engineering	B.S.C.P.	Master of Public Health	M.P.H.
Bachelor of Science in Computer Science	B.S.C.S.	Master of Science	M.S.
Bachelor of Science in Electrical Engineering	B.S.E.E.	Master of Science in Bioinformatics and	
Bachelor of Science in Engineering	B.S.E.	Computational Biology	M.S.B.C.B.
Bachelor of Science in Engineering Science	B.S.E.S.	Master of Science in Biomedical Engineering	M.S.B.E.
Bachelor of Science in Industrial Engineering	B.S.I.E.	Master of Science in Chemical Engineering	M.S.C.H.
Bachelor of Science in Information Systems	B.S.I.S.	Master of Science in Civil Engineering	M.S.C.E.
Bachelor of Science in Information Technology	B.S.I.T.	Master of Science in Computer Engineering	M.S.C.P.
Bachelor of Science in Mechanical Engineering	B.S.M.E.	Master of Science in Computer Science	M.S.C.S.
Bachelor of Social Work	B.S.W.	Master of Science in Electrical Engineering	M.S.E.E.
		Master of Science in Engineering	M.S.E.
		Master of Science in Engineering Management	M.S.E.M.
		Master of Science in Engineering Science	M.S.E.S.
		Master of Science in Environmental Engineering	M.S.E.V
		Master of Science in Industrial Engineering	M.S.I.E.
		Master of Science in Mechanical Engineering	M.S.M.E.
		Master of Science in Medical Sciences	M.S.M.S.
		Master of Science in Physical Therapy	M.S.P.T.
		Master of Science in Public Health	M.S.P.H.
		Master of Social Work	M.S.W.

Graduate Degrees

Master of Accountancy	M.Acc.		
Master of Architecture	M.Arch.		
Master of Arts	M.A.		
Master of Arts in Bioethics and Medical Humanities	M.A.B.M.H.		
Master of Arts in Teaching	M.A.T.		
Master of Business Administration	M.B.A.		
Master of Chemical Engineering	M.C.H.E.		
Master of Civil Engineering	M.C.E.		
Master of Computer Engineering	M.C.P.		
Master of Computer Science	M.C.S.		
Master of Education	M.Ed.		
Master of Electrical Engineering	M.E.E.		
Master of Engineering	M.E.		

Advanced Graduate Degrees

Education Specialist	Ed.S.
Doctor of Audiology	Au.D.
Doctor of Education	Ed.D.
Doctor of Philosophy	Ph.D.

Professional Degree

Doctor of Medicine	M.D.
--------------------	------

*See index for individual degree programs

The University of South Florida and all colleges, departments and programs therein establish certain academic requirements that must be met before a degree is granted. These requirements concern such things as curricula and courses, majors and minors, and academic residence. Advisors, directors, department chairs, and deans are available to help the student understand and arrange to meet these requirements, but the student is responsible for fulfilling them. At the end of a student's course of study, if requirements for graduation have not been satisfied, the degree will not be granted. For this reason, it is important for all students to acquaint themselves with all regulations and to remain currently informed throughout their college careers and to be responsible for completing requirements. Courses, programs, and requirements described in the catalog may be suspended, deleted, restricted, supplemented, or changed in any other manner at any time at the sole discretion of the University and the USF Board of Trustees.

USF - A COMPREHENSIVE RESEARCH UNIVERSITY

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

UNIVERSITY OF SOUTH FLORIDA

USF Mission, Goals, Values and Vision

Mission -

The University of South Florida is a multi-campus national research university that supports the development of the metropolitan Tampa Bay Region, Florida, the United States and the world. Building upon unique strengths inherent in Florida's population, location, and natural resources, the university is dedicated to excellence in:

- Teaching and lifelong learning in a student-centered environment
- Research to advance knowledge and promote social, cultural, economic, educational, health, and technological development
- Service based on academic excellence and the ethic of community responsibility
- Community engagement to build university-community partnerships and collaborations

Goals -

The University of South Florida will continue to expand its influence as a premier research university through:

- Strengthened research, creative, and scholarly endeavors
- Improved undergraduate and graduate academic programs that promote intellectual development and student success through a diverse, student-centered environment
- Engaged service that strengthens cultural and community life, and promotes lifelong learning and economic opportunity
- Increased fiscal self-sufficiency and appropriate state support

Values -

The University of South Florida values:

- Teaching, research and service based on the highest standards of discovery, creativity, and intellectual attainment
- Development of the personal and professional potential of students, faculty, and staff, and enriching the quality of campus life
- An ethic of collegiality based on integrity, civility, academic freedom, professional responsibility, and collaboration among disciplines and units
- Access to an excellent education

- University/community engagement that increases the understanding of urban issues and advances community development

- Cultural and ethnic diversity and global understanding

Vision -

The University of South Florida envisions itself as a premier national research university that serves the metropolitan Tampa Bay Region, Florida, and the nation through:

- Excellent undergraduate and graduate instruction in a student-centered environment
- Creative, innovative, engaged scholarly endeavors, and the furthering of advanced knowledge
- Education that promotes freedom, unity, democracy, and understanding in the presence of our Nation's historical diversity
- Generation and dissemination of knowledge to strengthen our society and the environment
- Greater fiscal self-reliance.

ABOUT USF

The University of South Florida is the country's third largest university in the southeast and is among the top 20 largest in the nation with more than 42,000 students enrolled at campuses in Tampa, St. Petersburg, Sarasota/Manatee and Lakeland, as well as centers in downtown Tampa, New Port Richey and northern Pinellas County.

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

The university offers more than 200 degree programs at the undergraduate masters' and specialist and doctoral levels, including the doctor of medicine. USF awarded more than 5,400 bachelor's degrees, 2,000 master's degrees and 175 doctorates in 31 fields last year. USF has the second largest graduate certificate enrollment in the country.

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

USF is the university of choice for many of the nation's brightest students. They are taught by some 2,700 highly regarded faculty who are products of the world's most prestigious colleges, universities and research institutions.

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

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

USF has 10 colleges. The largest, The College of Arts and Sciences, houses several nationally ranked programs, such as the graduate program in Industrial/Organizational Psychology ranked 7th in U.S. News and World Report's top graduate

8 GENERAL INFORMATION

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

schools for 2005. Other nationally ranked graduate programs include Education, Clinical Psychology and Rehabilitation Counseling.

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

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

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

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

The Honors College is the largest in the state of Florida, attracting motivated, bright students with some of the highest average SAT scores in the state.

In its 50-year history, USF has graduated more than 178,000 students. Ninety thousand alumni live in USF's six-county service area.

EQUAL OPPORTUNITY POLICY

It is the goal of the University to create and maintain a work and study environment free of discrimination and harassment. Discrimination on the basis of race, color, sex, marital status, religion, national origin, Veteran's status, disability, or age is prohibited by University policies, federal and state laws. Any person who believes that he or she has been subjected to discrimination may file a complaint with the Office of Diversity and Equal Opportunity Affairs, ADM 172. The telephone number is 974-4373. It shall be prohibited for any employee of USF to discriminate or take retaliatory action against any individual who, in good faith, has opposed an alleged unlawful practice or has made a charge, testified, assisted, or participated in any manner in an investigation, proceeding, or hearing under the provisions of applicable law or the university equal opportunity policies.

Guide to Resources for Students with Disabilities

All University programs, events, and services are open and available to persons with disabilities. The University of South Florida is committed to the principles of Equal Educational and Employment Opportunities without regard to disability.

Academic Assistance for Students with Disabilities: Student Disability Services exists to ensure that students with disabilities have the academic support necessary to achieve academic success at the University of South Florida. Course related assistance and academic accommodations are provided to eligible students with documented disabilities. Services may include advocacy, reader services, interpreters, alternate exam administration, note takers, and adaptive equipment such as

FM systems and large print computer access. Students are encouraged to contact our office as early as possible prior to enrollment to make arrangements for appropriate services. Documentation of a disability and significant current functional impairment resulting from that disability is necessary in order for accommodations to be provided.

Admissions: Students with disabilities apply under the same guidelines as other students. If students believe that their disability has had an impact on grades, course choice or standardized test scores for admission, they may request consideration of this in the admissions process.

Course Substitution: Students with disabilities requesting substitution of course work for General Education, foreign language requirements, or CLAST should contact the Office of Student Disability Services. Students with declared majors requesting substitution of departmental graduation requirements will need to contact the chair of their department. In either case, students will be requested to submit documentation to Student Disability Services to support their request for an exception.

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

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

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

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

CAMPUS CONTACTS FOR STUDENT DISABILITY SERVICES

Tampa Campus
Student Disability Services
SVC 1133 (voice) 813-974-4309
(TDD) 813-974-5651

Sarasota Campus
Coordinator for Advising for Special Needs Students
PMD 223 813-359-4330

Lakeland Campus
Office of the Director for Academic Services
Building C, USF Offices 941-677-7000

St. Petersburg Campus
Office of the Director, Student Affairs
DAV 118 813-893-9162

FACILITIES AND ATMOSPHERE

The facilities of the USF Tampa campus, now including more than 200 buildings, are currently valued at more than \$800 million. The buildings are of similar modern architectural design and all are completely air-conditioned. The Tampa campus has a variety of recreational facilities, including: a multi-million dollar recreation center with two gymnasiums as well as a 6500 sq. ft. weight room, indoor pool, six handball/racquetball courts and

various group fitness studios; three outdoor swimming pools; 22 lighted tennis courts; an 18-hole golf course; one running trail; three softball fields; four outdoor basketball and volleyball courts; and 10 lighted multi-purpose fields.

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

UNIVERSITY POLICE

The University of South Florida Police Department provides a full range of public safety services to the community 24 hours a day, 7 days a week on the Tampa Campus. All University Police officers are certified by the State of Florida after completing minimum standards training at the local Regional Police Training Academy. The University of South Florida Police Department is accredited through the Commission for Florida Law Enforcement Accreditation, Inc. Accreditation is the certification by an independent reviewing authority that an entity has met specific requirements and prescribed standards, and has long been recognized as a means of maintaining the highest standards of professionalism.

General services provided by the University Police include car patrol, foot patrol, bicycle patrol, criminal investigation of all misdemeanors and felonies, traffic law enforcement, traffic crash investigation, special events management, and crime prevention programs.

The University Police Department has an excellent working relationship with all local law enforcement agencies. The University Police maintain 24-hour contact with local, national, and international law enforcement agencies via computer networks such as the Florida Crime Information Center and the National Crime Information Center. The Florida Department of Law Enforcement and other local, state, and federal agencies are available to assist the University Police upon request.

UNIVERSITY POLICE DEPARTMENT CAMPUS LOCATIONS:

- On the *Tampa Campus* the University Police Department is located at the corner of Fletcher Avenue and Maple Drive. The emergency number is "9-1-1" and the non-emergency number is (813) 974-2628.
- The *Lakeland Campus* of the University of South Florida is located at Polk Community College. Basic public safety services are provided by the security department of the community college. Law enforcement services, including the investigation of criminal acts, are provided on a routine basis by the Polk County Sheriff's Office in Lakeland. The University Police Department provides law enforcement or crime prevention services at this location on an as needed basis.

VICTIMS' ADVOCACY PROGRAM

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

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

IMPORTANT NUMBERS

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

USF POLICE EMERGENCY	911 OR 974-2628
USF VICTIM ADVOCATE	
24-Hr. Crisis Line	974-5757
Regular Office Number	974-5756
HILLSBOROUGH COUNTY	
CRISIS LINE	234-1234 OR 211

ADMISSIONS AND RELATED MATTERS

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Locations/Phones:

Tampa Campus: SVC 1036, (813) 974-3350
St. Petersburg Campus: BAY 102, (727) 553-1142
Sarasota Campus: PMC 101, (941) 359-4330
Lakeland Campus: LLC 2100, (863) 667-7026

The Office of Admissions assists prospective students with learning about the opportunities available to them at the University. The office is responsible for processing applications for admission for undergraduate and former students returning. Admissions also reviews transfer credit completed at other regionally accredited institutions for determination of transferability. Admission services are also available at all regional campuses.

Admission to the University of South Florida requires evidence of ability to handle academic work, capacity to think creatively, and strong motivation. The minimum admission requirements are designed to help identify applicants whose academic background indicates potential for success at USF; however, satisfaction of minimum admission requirements does not guarantee acceptance. The admission of new students at all levels is on a selective basis within curricular, space, and fiscal limitations. The selection process may include such factors as grades, test scores, pattern of courses completed, class rank, educational objectives, past conduct, school recommendations, personal recommendations, and portfolios. Preference for admission in any term will be given to those applicants whose credentials indicate the greatest promise of academic success.

The University encourages applications from qualified applicants of both sexes and from all cultural, racial, religious, ethnic, and age groups. In the admission process there is no discrimination on the basis of these factors or on the basis of disability. Applicants who do not meet minimum admission requirements will be considered for admission when there is sufficient evidence to suggest ability to do satisfactory work at USF. These policies are further described under "Applying for Admission" and "Requirements for Admission."

The University supports equal educational opportunity for disadvantaged students. Requests for waiver of the \$30.00 application fee are considered by the Director of Admissions if payment of this fee creates severe financial hardship and serves as a deterrent to application.

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

Applying for Admission

Obtaining an Application

As part of the State University System (SUS) of Florida, USF uses the common SUS Application Form for undergraduates. Applicants who are attending Florida high schools or Florida community/junior colleges may obtain the SUS Application Form in school guidance offices or download it from the Office of Undergraduate Admissions web page. All of the application forms are also available via the USF website and on USF campuses in St. Petersburg, Sarasota, and Lakeland. (When requesting an application, please indicate applicant category - freshman or undergraduate transfer.) Applications can be requested by phone, toll-free at 877-USF-BULL. The online undergraduate admissions application may be found at <http://isis.fastmail.usf.edu/admissions/application.html>. The University prefers all applicants to apply online.

When to Apply

Applications for admission are accepted as early as 12 months before the requested entry term. Applications for admission and the non-refundable application fee should be submitted by the deadline date (see *academic calendar*) for the requested entry term or by the application deadline for the

requested degree program (see specific programs in this catalog), whichever is earlier.

Who Should Apply

An application for admission must be submitted by all students who have not been admitted to and enrolled in a USF degree program within the last three terms. Former or continuing USF degree-seeking students must file another application for admission when applying for a second degree program, another level of study or readmission (see Readmission). Anyone who has previously been admitted and enrolled as a degree-seeking student and has paid an application fee is required to pay the \$30 application fee.

The Director of Undergraduate Admissions may waive payment of the application fee for disadvantaged applicants if the fee serves as a deterrent to application.

Changing Requested Term of Entry

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

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

General Admission Policies

Transcripts and other admission documents

All official transcripts, test scores, and any other required credentials must be received directly from the issuing agencies. It is the applicant's responsibility to initiate the request for credentials to the issuing agencies and to assure their receipt by the USF Office of Undergraduate Admissions in Tampa. (See "Minimum Requirements for Admission" below for information concerning required documentation.)

All credentials and documents submitted become the property of USF. The originals or copies of the originals will not be returned to the applicant or forwarded to another institution, agency, or person.

Provisional Admission

An applicant admitted on a provisional basis must submit the requested missing credentials, such as official final transcripts or test scores, which substantiate eligibility for admission before a second registration will be permitted.

Applicants who do not meet standard Department of Education minimum admission requirements may be admitted to the University on academic probation. Students admitted on probationary status must accumulate 30 semester credits and maintain a minimum cumulative 2.0 grade point average (GPA) each term enrolled with no single term GPA below a 1.0 before the probationary status is removed. (A term GPA below 2.0 in the first term of enrollment results in permanent academic dismissal.) Advising is mandatory prior to registration. Failure to meet these conditions results in permanent academic dismissal from the University.

Non-degree Seeking Status

Performance in courses taken as a non-degree-seeking student will not qualify an applicant for admission as a degree-seeking student. Similarly, courses taken as a non-degree-seeking student will not be utilized in determining an applicant's grade point average for purposes of admission.

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

Freshman and undergraduate transfer applicants denied admission to USF as degree-seeking students will not be permitted to enroll as non-degree-seeking (special) students.

Admission Denials

Receipt of final official credentials that fail to substantiate eligibility will result in rescission of admission, reclassification to non-degree status, and denial of continued enrollment in subsequent terms.

An undergraduate applicant who is denied admission may be eligible to appeal and will be advised of applicable appeal procedures by the Office of Undergraduate Admissions.

An application for admission or a residency affidavit submitted by or on behalf of a student that contains false, fraudulent, or incomplete statements may result in denial of admission, further registration and/or degrees awarded.

The University may refuse admission to a student whose record shows previous misconduct not in the best interest of citizens of the University community.

Required Summer Term Attendance

All students entering the University with fewer than 60 semester hours of college level academic work are required to earn at least 9 semester hours during one or more Summer terms prior to graduation (see Summer enrollment requirements). This requirement may be waived for students who earn a minimum of 9 credits through accelerated mechanisms (Advanced Placement, CLEP, International Baccalaureate).

CLAST Test Requirement

All undergraduate students admitted to USF must earn passing scores on all four sections of the College Level Academic Skills Test (CLAST) prior to receiving an A.A. certificate or baccalaureate degree from the University. Transfer students entering USF with fewer than 45 transferable semester hours must take CLAST during the term in which 45 semester hours will be completed. Transfer students entering USF with 45 or more transferable semester hours must take CLAST the first term it is offered after initial enrollment.

Required Orientation

Prior to beginning classes, all new undergraduate students are *required* to participate in Orientation on the USF campus where they will take all or the majority of courses in their first semester at USF. These programs are designed to help new students become acquainted with the University, meet with an academic advisor, choose courses, and register for classes. New students receive Orientation information after admission.

Required Proof of Immunity

Prior to registering for classes that meet on campus, *all* students born after 1956 are required to present documentation of proof of immunity to **MEASLES** (Rubeola) and **RUBELLA** (German Measles). (See Immunization Policy.)

Limited Access Programs

Undergraduates seeking entrance to limited access degree programs must meet special program requirements in addition to requirements for admission to the University. While many limited access programs admit students only at the junior level, some programs admit students for the freshman or sophomore years. The admission criteria and procedures for limited access programs at USF furnish equal access to A.A. degree holders from Florida public community/junior colleges, transfers from other SUS institutions, and USF students of equivalent status. Transfer applicants with 90 or more transferable semester hours who are seeking admission to limited access programs must meet the grade point average requirement specified by the program to be eligible for admission to USF.

USF, with approval of the Board of Education and the Articulation Coordinating Committee, has established the following undergraduate programs as limited access: *Liberal Studies*, *Mass Communications*, *Social Work*, and the *B.A./M.A. Program in Mathematics* in the College of Arts and Sciences; *all degree programs* in the College of Business Administration; *all degree programs* in the College of Education; *all degree programs* in the College of Engineering; *all degree programs* in the College of Nursing. The admissions requirements for these degree programs may be found with other program information in appropriate sections of this catalog.

Minimum Requirements for Admission

Freshman Applicants

To be considered for admission, freshman applicants must submit an SUS or USF Application for Admission, a non-refundable application fee, an official high school transcript, official GED scores if applicable, SAT or ACT scores, and a TOEFL score if applicable.

Although USF has minimum freshman admission requirements, meeting these minimum standards does not guarantee admission. Applicants selected for admission usually exceed the eligibility requirements; however, USF also considers applicants who do not fully meet minimum requirements but who have important attributes, special talents or unique circumstances that may contribute to a representative and diverse student body. These freshman applicants are considered for admission by a faculty committee on the basis of other appropriate evidence of ability to do successful academic work at USF.

For purposes of admission, USF recalculates a high school grade point average (GPA) based on grades earned in all college preparatory academic courses. In recalculating a GPA, USF assigns additional weights to grades earned in honors, Dual Enrollment, Advanced Placement courses, International Baccalaureate courses, and Advanced International Certificate of Education courses.

The University normally requires a diploma from a Florida public or a regionally accredited high school or the state-approved General Education Development (GED) diploma. Students admitted under the Early Admission Program are exempted from this requirement. Students who are participating in an approved home schooling program are expected to provide acceptable copies of annual evaluations for the equivalent of grades 9 through 12. A portfolio or additional documentation may be requested if deemed necessary to complete an appropriate evaluation for admission. Other minimum requirements are outlined below.

1. Freshman applicants must submit an official test score from the Scholastic Assessment Test (SAT) or the American College Test (ACT).
2. For freshman applicants earning a high school diploma, the following college preparatory academic units (year-long courses or equivalents) normally offered in grades nine

12 ADMISSIONS AND RELATED MATTERS

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

through twelve are required: four units of English (three of the four must incorporate substantial writing requirements); three units of mathematics (algebra I and above); three units of natural sciences (two of the three must incorporate substantial laboratory requirements); three units of social sciences (history, civics, political science, economics, sociology, psychology and geography); two units of the same foreign language; and four additional units of academic electives. Substitution for any high school unit requirement may be provided for applicants who are hearing impaired, visually impaired, dyslexic or who have a specific learning disability. Documentation of the disability and its relationship to the substitution of a unit requirement should be submitted with the application for admission.

3. Freshman applicants who have at least a 3.6 (B+) average as recalculated by USF using all attempted academic courses are considered competitive. The University sets admission requirements that may be found on the Undergraduate Admissions web homepage. Please refer to <http://isis.fastmail.usf.edu/admissions> for the current admission requirements. Admission to the University is selective; therefore, meeting requirements does not guarantee admission.
4. Applicants submitting a GED diploma must have an overall score of at least 300 for all five tests and at least 50 on each of the five tests and an SAT I verbal and quantitative combined score of 1010 or an ACT composite score of 21 (also required of students in an approved home schooling program).
5. In the absence of the above, the University will also consider appropriate alternative evidence of academic achievement, ability, motivation and responsibility that indicates potential for successful academic work at USF.
6. A first-time-in-college applicant whose native language is not English must present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing.
7. First-time-in-college applicants seeking admission at the freshman level to a limited access degree program in Engineering must meet additional requirements specified by the program.
8. If a student has not earned the following minimum scores on the SAT-I or the EACT, college preparatory work will be required during the first term of enrollment at USF:
SAT-I - 440 verbal, 440 mathematics
or
ACT - English 17, Reading 18, Mathematics 19.

USF Admissions Deposit

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

Term Admitted	Deposit Due Date
Fall	May 1
Spring	December 1
Summer B	May 1

The admission deposit will be credited to the student's account and applied toward their first semester tuition. Those students who have qualified for an SAT or ACT application fee waiver may be exempt from paying the admission deposit. Students qualifying for Federal Pell Grants may request exemption from payment of the deposit.

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

Early Admission Applicants (Freshmen)

USF provides an early admission program to meet the needs of highly capable, mature high school students. Under the early admission program these students may enter the University as regularly enrolled, degree-seeking students prior to graduation from high school. Participation in the early admission program shall be limited to students who have completed a minimum of six semesters of full-time secondary enrollment, including studies undertaken in the ninth grade. In addition, early admission applicants should be enrolled in a strong college-preparatory curriculum while in high school. Applications for early admission will be reviewed by the Director of Undergraduate Admissions in conjunction with the Dean of the Honors College. Students enrolled in an early admission program must take courses that are creditable toward the high school diploma and the associate or baccalaureate degree.

Students wishing to be accepted as Early Admissions students at USF **must**:

1. Have completed the equivalent of the junior year of high school, thus requiring only one additional year to complete requirements for the high school diploma;
2. Submit a completed SUS or USF application for admission and non-refundable application fee;
3. Have proof of a 1200 on the SAT I with no less than 440 on SAT I V (Verbal) and 440 on SAT I Q (Quantitative); or a 27 on the ACT with no less than a score of 17 on ACT English and ACT Reading and a score of 19 on ACT Mathematics, and a 3.5 high school grade point average (computed by USF) and a TOEFL score, if applicable;
4. Meet regular USF admission criteria for degree-seeking undergraduate students;
5. Submit a personal letter outlining reasons for seeking early admission;
6. Submit a signed statement of approval from high school principal or guidance counselor;
7. Submit completed Supplemental Information for Early Admission Form;
8. Submit a list of credits needed to graduate from high school;
9. Meet with Honors College Director or Academic Advisor.

Home schooled students must submit an official copy of their Letter of Intent with the student's home school district.

Private school students must submit proof that their school is a regionally accredited school.

Undergraduate Transfer Applicants

Applicants with fewer than 60 transferable semester credits are considered lower-level transfers; upper-level transfers are those with 60 or more transferable semester credits (see below). Regardless of category, grade point averages (GPA) for purpose of admission will be computed based only on grades earned in courses that are acceptable for transfer credit and as calculated by USF.

USF accepts transfer credits only from institutions that are accredited by one of the regional accrediting agencies/commissions recognized by USF at the time the credits are earned (See Evaluation of Transfer Credit). Courses approved for transfer by the Statewide Course Numbering System (SCNS) from non-regionally accredited institutions may be considered for transfer credit. All credits earned during the period of time a regionally accredited institution was in a "candidacy" status for accreditation are considered for transfer credit. Credits earned at an institution that is currently in "candidacy" status will not be considered for transfer credit until such time as the awarding institution receives full regional accreditation. For an applicant applying from a non-regionally accredited school, the admissions decision will be based on prior work at a regionally accredited institution. If all post-secondary work is from a non-regionally accredited school, the evaluation will be based on the high school record and test scores and the applicant will be regarded as a freshman for purposes of admission.

USF reserves the right to evaluate specific courses and deny transfer credit. USF does not award transfer credit that is determined to be occupational or vocational in nature.

Lower-Level Transfer Applicants

(with fewer than 60 transferable semester credits)

To be considered for admission, transfer applicants with fewer than 60 transferable semester credits must submit an SUS or USF Application for Admission, a non-refundable application fee, an official transcript from each previous college attended, an official high school transcript, official GED scores if applicable, official SAT or ACT scores, and a TOEFL score if applicable.

Lower-level transfer applicants must minimally meet the following requirements to be considered for admission in good standing; however, satisfying these minimum requirements does not guarantee admission: SAT or ACT tests taken after enrollment in college-level coursework cannot be submitted to satisfy the test score requirement.

1. Be in good standing with a minimum 2.0 GPA and eligible to return to the last regionally accredited institution attended as a degree-seeking student;
2. Have an overall "C" average (2.0 on a 4.0 scale) as calculated by USF in all college-level courses acceptable for transfer credit to USF. (In the calculation of the GPA, incomplete grades are computed as failures and course "repeats" are not forgiven when the courses are repeated at different institutions.);
3. Satisfy fully all freshman admissions standards as described in the previous section entitled "Freshman Applicants." (Meeting freshman admission standards is a critical requirement for undergraduate applicants with fewer than 60 transferable credits. Department of Education rules and policies do not provide for local exceptions to these requirements.);
4. Complete (with passing grades) two years of the same foreign language in high school or 8 to 10 semester hours of the same foreign language at the post-secondary level (as required by Florida Statute 240.233);
5. Present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL) if the applicant's native language is not English. The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing.

USF also considers applicants who do not fully meet the minimum requirements as stated in #1. and #2. above but who have important attributes, special talents, or unique circumstances that may contribute to a representative and diverse student body. These undergraduate transfer applicants are considered for admission by a faculty committee on the basis of other appropriate evidence of promise for academic success. These applicants should also submit appropriate alternative evidence of academic achievement, ability, motivation, and responsibility that supports potential for academic success at USF.

Upper-Level Transfer Applicants

(with 60 or more transferable semester credits)

To be considered for admission, transfer applicants with 60 or more transferable semester credits must submit an SUS or USF application for admission, a non-refundable application fee, an official transcript from each previous college attended, and a TOEFL score if applicable. Final transcripts with the A.A. degree awarded, or a minimum of 60 semester hours of transferable credit earned prior to initial enrollment at USF, must be submitted to determine final admissions eligibility.

Any transfer student with 90 or more semester hours who designates a desire for admission to a limited access undergraduate program must meet the overall admission GPA criteria of that program in order to be admitted to the University.

Applicants with Associate of Arts (A.A.) degrees from Florida public institutions will be admitted as juniors into the University within curricular, space and fiscal limitations. A.A. degree holders seeking admission to quota/limited access degree programs must also meet all requirements specified by the desired program. The admission of Florida community/junior college A.A. transfer students is governed by the Articulation Agreement between state universities and public community colleges in Florida.

Undergraduate transfer students who have not earned the A.A. degree from a Florida public institution or who have attended another college after receipt of the A.A. must meet the minimum requirements listed below to be admitted in good standing:

1. Be in good standing and eligible to return to the last regionally accredited institution attended as a degree-seeking student;
2. Have an overall "C" average as calculated by USF (2.0 on a 4.0 scale) in all college-level courses acceptable for transfer credit to USF. (In calculation of the GPA, incomplete grades are computed as failures and course "repeats" are not forgiven when the courses are repeated at different institutions.);
3. Complete (with passing grades) two years of the same foreign language in high school or 8 to 10 semester hours of the same foreign language at a previous college or university (as required by Florida Statute 240.233). Students who entered a Florida public community/junior college prior to August 1, 1989 and maintain continuous enrollment until the time of their USF entry as degree-seeking students may be admitted without the required foreign language study;
4. Meet the minimum grade point average required by the program if entering a limited access program and transferring 90 or more semester hours;
5. Present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing.

USF also considers applicants who do not fully meet the minimum requirements as stated in #1. and #2. above but who have important attributes, special talents or unique circumstances that may contribute to a representative and diverse student body. These undergraduate transfer applicants are considered for admission by a faculty committee on the basis of other appropriate evidence of promise for academic success. These applicants should also submit appropriate alternative evidence of academic achievement, ability, motivation and responsibility that indicates a potential for academic success at USF.

Students Entering the Florida Community College System and Planning to Finish their Degrees at USF

High school graduates planning to start their college education at a Florida community college should confer with the community college counselor and ask that their academic program be planned with the assistance of the USF Undergraduate Catalog that is available at <http://www.ugs.usf.edu/catalogs.htm>. This catalog, prepared by the USF Office of Undergraduate Studies, explicitly describes the undergraduate program requirements and Florida's common prerequisites that should be followed to ensure maximum ease of transfer into the students' upper-level programs on a par with their native USF counterparts.

Students Entering the Florida Community College System and Planning to Finish their Degrees in the State University System

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

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

1. A.A. graduates will be granted admission to a university within the SUS, but not necessarily to the university or program of choice.
2. A.A. graduates will have the same opportunity to enroll in a university limited access program as the native university student.
3. Upon transferring to a state university, A.A. graduates will be awarded at least 60 credit hours towards the baccalaureate degree, exclusive of occupational courses and basic required physical education courses.
4. Credits that are part of the A.A. degree earned through articulated acceleration mechanisms, such as dual enrollment, International Baccalaureate, early admission, advanced placement and credit by exam, will be transferable to the state university.
5. As participants in the Statewide Course Numbering System, receiving institutions must accept all courses taken at the transfer institution if the courses at each institution have the same prefix and the same last three digits of the course number.
6. The university catalog in effect the year the A.A. degree student first enrolled at the community college will remain in effect for the student's entire program, provided the student maintains continuous enrollment as defined in that catalog.
7. Once a student has completed the general education core and this fact is noted on the transcript, regardless of whether or not an A.A. degree is awarded, no other state university or community college to which the student may transfer can require additional courses to the general education core.

Included in these transfer guarantees is the right of appeal. Students may appeal to the university and to the Statewide Articulation Coordinating Committee. Students who have questions or want more information about the articulation agreement should contact the Office of Undergraduate Studies.

Evaluation of Transfer Credit

1. The receipt and evaluation of transfer credit is the responsibility of the Office of Undergraduate Admissions. The Office of Undergraduate Admissions will evaluate the acceptability of total credits transferable to the University. The college of the student's major will assign equivalent courses in determining which courses are applicable toward a specific degree at the University. In some instances, exact course equivalents will also be determined by other colleges that

offer the same or similar courses as part of their programs of study. Transfer students should be prepared with personal copies of their transcripts of all past course work to discuss advisement and placement with the appropriate academic advisor and should contact the college of their major soon after registration so that an official evaluation may be completed.

2. USF will accept credits only from those institutions accredited by one of the regional accrediting agencies/commissions* at the time the credits are earned. (See * below for agencies recognized by USF.) Credits earned at an institution that is currently in "candidacy" status will not be considered for transfer credit until such time as the awarding institution receives full accreditation. Courses approved for transfer by the Statewide Course Numbering System (SCNS) from non-regionally accredited institutions may be considered for transfer credit.
3. USF reserves the right to deny credit for specific courses. USF does not award transfer credit from institutions that it determines to be occupational or vocational in nature.
4. Associate of Arts (A.A.) degree holders from Florida public accredited institutions will be considered as having met USF general distribution requirements and are automatically awarded 60 semester hours of credit. A course-by-course transfer credit evaluation will be done for all out-of-state and private in-state A.A. degree holders.
5. Effective Fall Quarter 1976, all courses from a Florida Community College/University bearing the same State Common Course prefix and last three numbers as a USF course are automatically transferred and transfer students may not be required to repeat these courses, unless a college age-of-record policy is involved. Excluded are graduate courses, studio courses in art, internships, practicums, and performing arts courses such as dance, theater performance, voice, and instrumental music.
6. Virtually all USF baccalaureate degrees require that at least 60 semester hours be earned from a baccalaureate-granting institution regardless of credit hours transferred from a community/junior college unless the student has received prior approval for waiver of this policy from the college of his/her intended major. This policy does not affect approved articulated programs based on the A.S. degree. For information regarding specific articulated A.S. degree programs, consult the Office of Undergraduate Studies, B.S.A.S. Program.
7. Credit will not be awarded for GED tests.
8. Military service school courses will be evaluated with reference to the recommendation of the American Council of Education when official credentials have been presented. Such recommendation, however, is not binding upon the University.
9. For ROTC and military science courses taken after Fall Quarter 1975, the maximum credit will vary with each college. A student must confer with his/her college advisor to determine the acceptability for his/her major. ROTC and military science taken prior to Fall 1975 are not acceptable for transfer credit.
10. A maximum of 45 semester hours of College Level Examination Program (subject and general examinations) credits can be accepted for transfer credit.
11. A maximum of 30 semester hours of extension, correspondence, and military service education credits can be applied toward a degree.
12. Grades earned in transferred courses are not computed in the student's USF GPA except for the purposes of admission to limited access programs, the awarding of honors at graduation, and class ranking of baccalaureate students.
13. International credentials must be evaluated by an independent evaluation service, with associated costs to be paid by the student.
14. A continuously-enrolled USF degree-seeking student must

obtain prior written approval from the college of the student's major in order for courses taken at other regionally-accredited institutions to be applied to the USF degree program.

* Accrediting Agencies/Commissions: New England Association of Schools and Colleges, Commission on Institutions of Higher Learning; Middle States Association of Colleges and Secondary Schools, Commission on Higher Education; North Central Association of Colleges and Schools; Northwest Association of Schools and Colleges; Southern Association of Colleges and Schools, Commission on Colleges; Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Accrediting Commission for Junior Colleges.

Graduate Applicants

Graduate applicants should refer to the USF Graduate Catalog.

International Applicants (non-resident aliens)

To be considered for admission, international applicants (non-resident aliens) must submit a USF International Student Application for Admission, a non-refundable application fee payable in U.S. dollars, a TOEFL score if applicable, a Statement of Financial Responsibility, undergraduate or graduate admissions test scores as specified for appropriate applicant category, transcripts showing subjects and grades from the first year of secondary work to the time of application, and a Visa Clearance Form (if currently in the U.S.). Transcripts in a language other than English must be accompanied by a certified English translation.

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

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

1. An international applicant whose native language is not English must present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing.
2. International applicants must be in good standing at the last institution attended.
3. International applicants must submit the USF Financial Statement substantiating availability of financial resources sufficient to cover all educational, maintenance, and personal expenses while attending USF, without financial assistance from the University.
4. International applicants seeking admission to limited access undergraduate degree programs must also meet all requirements specified by the program.

Transient Applicants

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

Financial Aid

Location/phone:

Toll Free: 1-877-USF-BULL

Tampa Campus: SVC 1102, (813) 974-4700

St. Petersburg Campus: BAY 105, (727) 553-1128

Sarasota Campus: USS-C, (941) 359-4330

Lakeland Campus: LLC 2101, (863) 667-7028

Web Addresses:

Financial Aid Web: <http://usfweb2.usf.edu/finaid/>

OASIS Web: <http://usfonline.admin.usf.edu>

FAFSA Web: <http://www.fafsa.ed.gov>

Email: <http://www.usf.edu/askusf/>

USF makes every effort to ensure that all qualified students have access to an education. Many student financial aid programs are administered or coordinated through the USF Office of Financial Aid.

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

All students wishing to receive financial aid are encouraged to start the financial aid process as early as possible. The first step, each year, is to complete and submit the Free Application for Student Financial Aid (FAFSA) online. For more detailed guidance and information, log onto the Financial Aid Website, stop by the Financial Aid office and/or call and request a *2002-2003 Financial Aid @ USF Handbook*.

Orientation

Location/phone: SVC 1138, (813) 974-3060

Orientation provides an introduction to both academic and student life aspects of USF. To facilitate the smooth transition of students into the academic environment of the University, academic advising and registration are major components of the program. In addition, orientation provides opportunities for entering students to develop realistic academic and personal goals, to locate student support programs and resources, and to meet faculty, staff, and continuing students. Orientation is required of all new students and former students who are readmitted to the University.

Orientation programs are available on all regional campuses.

Honors College

Tampa Campus

Superior students in all majors may avail themselves of Honors opportunities at USF's Tampa campus. The Honors College Four Year Track is designed for first-time-in-college students. The Two Year Track is designed for transfer or upper-level students. These exciting experiences are grounded in the liberal arts tradition and intended for students regardless of major. The primary goals of the Honors College are the development of critical thinking skills, an appreciation of the liberal arts tradition and the development of creative, independent thought. (See complete description in Honors College.)

Potential Honors College Four Year Track students are actively recruited, but any interested student who feels that he/she is qualified may request admission. Students typically have 3.7 high school GPAs and 1270 SAT I or 29 EACT scores. Many scholarships are available for Honors students.

Potential Two Year Track students are actively recruited, but any interested student who feels that he/she is qualified may request admission. Students typically have 3.50 college GPAs and 1200 SAT I or 27 EACT scores. Many scholarships are available for Honors students.

Departmental Honors opportunities are available in select departments that wish to offer Honors-level work for superior students majoring in their disciplines. Requirements vary according to department, but all require the completion of a Thesis. Students may enroll in both the Honors College and Departmental Honors. Students in both programs are required to complete only one thesis.

Admission to the Honors College is determined by the University Honors Committee and the Dean of Honors; admission to Departmental Honors is determined by the individual department. Students who satisfactorily complete Honors and graduate with at least an overall GPA of 3.3 and a USF GPA of 3.3 shall be identified as Honors College Graduates at Com-

mencement as well as on their diplomas and transcripts.

USF St. Petersburg has an Honors Program. For additional information, phone (727) 553-3103.

Learning Communities

A Learning Community is a group of students who enroll in the same classes for a semester, a year, or sometimes longer, and who work together with their faculty to develop their own thinking and learning skills. Specifically designed for beginning freshman, the Learning communities at the main campus in Tampa allow students to meet many of the General Education requirements – those courses all students are required to take their first 2 years in college – in a more focused way than courses selected independently of one another.

Several distinct Learning Communities are available each year, focusing on different themes, with one Learning Community reserved for students who wish to live on campus in the same residence hall. If you would like a small, liberal arts college experience within a large university, if you would enjoy working closely with other students and faculty; if you are qualified to enroll in freshman English (min. SAT verbal 440 or EACT English 17); please consider including Learning Communities in your USF experience. Spaces in the communities are limited.

Other General Information

Evening Courses

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

Opportunities for Accelerated Progress Toward Undergraduate Degrees

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

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

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

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

Non-Degree Seeking Student

Non-degree seeking student enrollment is on a space-available basis and has been established for those individuals who, while not desirous of earning a degree, would like to enroll in all levels of university courses. Teachers needing to take courses for certification purposes, high school students (with the permission of their respective guidance counselor), individuals desirous of taking courses for self enrichment, and senior citizens are examples of those eligible to utilize this enrollment method. Former USF undergraduate degree-seeking students may only enroll as non-degree seeking students if they have completed their previous degree program or earned an equivalent degree at another institution. Should the latter be the case, an official transcript (reflecting the degree) from that institution must be sent to the USF Office of the Registrar (Attention: Student Records Area) prior to registration.

Individuals enrolling as non-degree seeking students who plan to make formal application to the University may not apply more than 14 semester hours toward an undergraduate degree.

Applicants denied admission to USF as degree-seeking undergraduates may not enroll as non-degree seeking students. Performance in courses taken in this category will not qualify an applicant for admission as a degree-seeking student.

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

Non-degree-seeking students are subject to the same academic policies as undergraduate degree-seeking students and must adhere to deadline dates published in the University **Schedule of Classes**. Non-degree seeking students are not eligible to receive University honors or participate in the USF/Florida Public Community College cross-registration program. Non-degree-seeking students also are not eligible to live in University housing or receive financial aid. Non-degree seeking students are subject to the academic probation and dismissal policy listed in this catalog. Non-degree seeking students who are academically dismissed from the University may appeal to the Academic Regulations Committee (ARC) through the ARC representative for Academic Support and Achievement/Center for Academic Advising to return. Potential non-degree seeking students should also refer to the section of the catalog of the college(s) offering the course(s) of interest to them to determine whether any special college requirements exist which must be met prior to enrolling.

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

Dual Enrollment (Public/Private High/Home School)

Dual enrollment in USF classes is open to academically qualified students currently enrolled in public/private high schools who are recommended by their guidance counselor or principal and to home school students. During dual enrollment, high school or home school students may only take courses which are creditable toward their high school diploma.

Students wishing to be accepted as Dual Enrollment students at the University of South Florida **must**:

1. Be at least 16 years old at start of term, unless enrolled in a special summer program initiated by USF or a special course section involving only dual enrollment students;
2. Have proof of a minimum of 440 on SAT I V (Verbal) and 440

on SAT I Q (Quantitative); or a score of 17 on EACT English, 18 on EACT Reading and a score of 19 on EACT Mathematics; or appropriate placement test scores; and a TOEFL score, if applicable;

3. Have (a) completed the equivalent of the sophomore year, (b) achieved a grade point average of 3.0 or higher on a 4.0 scale (as calculated by USF), and (c) satisfied any course prerequisites; and
4. Provide a list of courses and the number of credits necessary to complete high school diploma from the school counselor or principal on school stationery.

All students interested in early admission or dual enrollment should contact the Honors College (FAO 274, 4202 E. Fowler Avenue, Tampa, FL 33620) for complete information and student qualifications.

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

Readmission (Former Students Returning)

A former student returning (FSR) is any degree-seeking undergraduate student who has not earned his/her degree, who has not been enrolled at USF in any of the last three terms, and who wishes to re-enroll in the University. Former students returning must be readmitted to the University. In order to be considered for readmission, a former student should file a new application for admission with the Office of Undergraduate Admissions by the deadline indicated in the Academic Calendar for the term of requested re-entry. A new application fee is required. (Former College of Education majors must contact the College of Education Advising Office for additional readmission requirements.)

The residency affidavit must be completed and residency status will be reassessed.

To be readmitted, a student must meet the following requirements:

1. Be eligible to return to the University of South Florida;
2. Be in good standing and eligible to return to the last institution attended as a degree-seeking student; and
3. Have achieved a GPA of at least 2.0 as calculated by USF on a 4.0 scale on all college-level academic courses attempted at institution(s) attended since last enrolled at USF.

Students who have attended one or more institutions since their last enrollment must request official transcripts of all work attempted at the other institution(s) be sent to the USF Office of Undergraduate Admissions. Acceptability of transfer credits toward completion of USF degree programs will be determined by the college of the student's major.

Former students returning who have been readmitted are not *required* to participate in an orientation program if they have been out for six (6) terms or fewer on the USF campus where they will take all or the majority of their courses. Students who have been out for six terms or fewer must meet with their academic advisor for course selection. Orientation includes advising and registration for courses. Former students returning will receive orientation information after readmission.

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

NOTE: Prior to registration for classes that meet on campus, all

students less than 40 years of age must submit acceptable proof of immunity to rubella to the Student Health Service. Students born *after* December 31, 1956 must also submit proof of immunity to measles. (See Immunization Policy.)

Senior Citizen Tuition Waiver Program

The Senior Citizen Tuition Waiver Program allows Florida residents age 60 and over to audit credit courses at the University of South Florida on a space-available basis—in most cases, without payment of tuition. You can explore your areas of interest or try something new. There are no prerequisites, no homework, no tests or term papers. Credit is not awarded. The waiver does not apply to Learning in Retirement, SeniorNet, Professional and Workforce Development, or other noncredit continuing education programs.

Registration for the Senior Citizen Tuition Waiver Program closely follows the end of the Drop/Add period; generally, on Monday or Tuesday of the 2nd week of every semester. The Registrar's office dedicates an afternoon to Tuition Waiver registration: Senior Programs provides advising and assistance to students. Late registration is limited to within 24 hours of the designated date each semester. Waiver participants must register in person, and provide two forms of identification demonstrating eligibility. A Florida Driver's License and a Florida Voters Registration card are ideal forms of identification; others may be substituted. Resident aliens must provide a copy of their green card to the registrar every term.

The USF schedule of classes can be viewed via the Internet at: <http://www.registrar.usf.edu/ssearch/search.php>. This searchable database provides the most up-to-date information regarding classes offered, scheduling, and availability. Contact Senior Programs at (813) 974-5263 for more information.

Florida Community College System

High school graduates planning to start their college education at a Florida community college should confer with the community college counselor and ask that their academic program be planned with the assistance of the USF Undergraduate Catalog that is available at <http://www.ugs.usf.edu/catalogs.htm>. This catalog, prepared by the USF Office of Undergraduate Studies, explicitly describes the undergraduate program requirements and Florida's common prerequisites that should be followed to ensure maximum ease of transfer into the students' upper-level programs on a par with their native USF counterparts.

Articulation Agreement

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

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

Admission into the State University System

1. A.A. graduates will be granted admission to a university within the SUS, but not necessarily to the university or program of choice.
2. A.A. graduates will have the same opportunity to enroll in a university limited access program as the native university student.
3. Upon transferring to a state university, A.A. graduates will be awarded at least 60 credit hours towards the baccalaureate degree, exclusive of occupational courses and basic required physical education courses.
4. Credits that are part of the A.A. degree earned through articulated acceleration mechanisms, such as dual enrollment,

18 ADMISSIONS AND RELATED MATTERS

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

International Baccalaureate, early admission, advanced placement and credit by exam, will be transferable to the state university.

5. As participants in the Statewide Course Numbering System, receiving institutions must accept all courses taken at the transfer institution if the courses at each institution have the same prefix and the same last three digits of the course number.

6. The university catalog in effect the year the A.A. degree student first enrolled at the community college will remain in effect for the student's entire program, provided the student maintains continuous enrollment as defined in that catalog.

7. Once a student has completed the general education core and this fact is noted on the transcript, regardless of whether or not an A.A. degree is awarded, no other state university or community college to which the student may transfer can require additional courses to the general education core.

Included in these transfer guarantees is the right of appeal. Students may appeal to the university and to the Statewide Articulation Coordinating Committee. Students who have questions or want more information about the articulation agreement should contact the Office of Undergraduate Studies.

STUDENT AFFAIRS & STUDENT SERVICES

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

The University of South Florida (USF) is committed to the concept of total student development - intellectual, social, physical, emotional, and moral. The curricular, co-curricular, and extracurricular programs of the University are designed to achieve this end and are presented to offer USF students a wide variety of beliefs, opinions and ideas in an atmosphere of openness where all views may be aired. The programs and activities developed and implemented by the Student Affairs staff at USF are intended to improve the quality of life at the University and to meet the University's goal of total student development.

Students who attend the University of South Florida are subject to University policies in addition to guidelines established by the Board of Trustees of the University of South Florida. The Office of the Vice President for Student Affairs, as well as other University officials, is charged with interpreting the policies of the Board of Trustees to students, their families, and others in the University community.

DIVISION OF STUDENT AFFAIRS

The Division of Student Affairs is composed of the areas of **Student Life and Wellness** and the **University Police Department**. A variety of programs and services are offered by the Student Affairs staff to provide opportunities for students to become involved in college life outside the classroom: advisors in residence hall, student organizations and Phyllis P. Marshall Center programs and activities, student government, student health education/ wellness programs, and events of special interest. Of utmost importance, the Division of Student Affairs provides for the safety of students and employees.

The Student Affairs staff also offers services to the students to help them cope more effectively with the many facets of college life that can affect students' academic work: health services, individual and/or group counseling, alcohol/drug education, procedures for redressing grievances, standards for students' conduct, due process in the event of disciplinary action, and advice and/or assistance in times of difficulty.

The staff of the Division of Student Affairs at USF is committed to creating a student-focused learning community distinguished by shared purpose, collaboration, open and timely communication, mutual respect, trust and inclusiveness. The Division will provide leadership for a diverse University community, inspire the pursuit of academic excellence through collaborative learning, and foster a caring environment that encourages the personal and professional development of students and of those who serve them. In partnership with University faculty, staff and the community, we will reach beyond our individual perspectives to develop life-long learners who are broadly educated, ethical, open to differences, capable of critical thinking and who share responsibility for enhancing the human condition.

Student Affairs Diversity Statement

The Division of Student Affairs embraces a learning community in which each individual's primary identity as a person has worth and value. Individuals from diverse ethnic, racial, religious and social backgrounds will willingly interact displaying attitudes and behaviors of respect, shared purpose, commitment to common welfare, mutual cooperation and support. In this community all persons will be judged on the content of their character and all individuals will have a voice.

Student Disability Services

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

Web address: <http://www.sa.usf.edu/sds/>

Location/Phone: Tampa Campus: SVC 1133, Voice (813) 974-4309; TDD (813) 974-5661 and (813) 974-1585; Fax (813) 974-7337

St Petersburg Campus: Volunteer and Disability Services - 140 7th Ave S - St. Petersburg, FL 33701 - (727) 553-4162
Sarasota Campus: Office of Student Services - 5700 N Tamiami Trail, USS805D - Sarasota, Florida 34243-2197 - (941) 359-4330

Lakeland Campus: Student Disability Services - 3433 Winter Lake Road - Lakeland, FL 33803 - (863) 667-7063
Web Address: www.sds.usf.edu

The University recognizes and values students with disabilities. The faculty and administration strive to ensure that students with disabilities participate in all aspects of university life. Academic accommodations are arranged through the Office of Student Disability Services. Student Disability Services (SDS) makes the final determination as to the type of need and the type of assistance that can be rendered for students with disabilities. Each student is responsible for self-identifying and applying for accommodations and services at this office. The process of applying for services is described in detail in the SDS website www.sds.usf.edu. Information Sessions are provided for students, parents, and other concerned persons. The dates and times of these Information Sessions are on the SDS website.

There are two essential elements to receiving reasonable accommodations and services. First, the student must identify herself/himself as a person with a disability and, second, the student must apply for services with the Office of Student Disability Services (SDS). The student identifies herself/himself and applies for accommodations by providing to SDS documentation both of the disability and the significant impact of that disability on academic performance. SDS staff and other experts will review the documentation, a process that typically takes ten working days. To summarize, a student interested in having accommodations for a disability should:

- 1) Visit our website <http://www.sds.usf.edu>
- 2) Present documentation of her/his disability to our office as soon as possible
- 3) Attend an Information Session

If the documentation provides the necessary information and demonstrates the need for reasonable accommodations, the student will be invited to an intake meeting with a coordinator. The purpose of the meeting is for the coordinator to fashion reasonable accommodations with the student. At this meeting the student will be given information about the process for having a memorandum of accommodation for each professor for that semester. It is the student's responsibility to present the memorandum of accommodation to each professor.

At the start of each semester, the student is responsible for providing feedback about the effectiveness of the accommodations to date and registering for accommodations for the new semester. Each semester the student is responsible for giving each of her/his professors a memorandum of accommodation for that semester.

Examination accommodations, the most frequently needed accommodations, are the responsibility of the professor. However, this office provides accommodated examinations if a professor is unable to do so. The directions for this process are on the SDS website.

A certified American Sign Language interpreter is on the SDS staff. Interpreting services are available for classroom and class-related activities for students with hearing impairments. The process for accessing these services is described on the SDS website.

Federal laws require that persons with disabilities receive reasonable accommodations in order to fully participate in all aspects of society. Specifically, the Americans with Disabilities Act of 1990 (ADA) addresses this issue and provides relief for persons who do not receive reasonable accommodations.

Parents Association

Location/phone: ALC 100, (813) 974-1907

Web address: www.usf.edu/ua/parents

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

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

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

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

Student Life and Wellness

Student Life and Wellness is a subdivision of the Division of Student Affairs. This subdivision is committed to promoting a diverse community characterized by collaboration, open communication, and values that affirm the worth of individuals. Through shared purpose, critical thinking, and life-long learning, the staff will create a wellness-enhancing environment conducive to student development and academic achievement. The staff will strive to provide leadership that develops caring citizens who value individual differences, the pursuit of excellence and shared responsibility for enhancing the human condition.

Student Relations

Location/phone: Argos 234, (813) 974-9089

Student Relations is a student-oriented office that serves the USF community in an ombudsperson's role for student services. Student Relations assists with university related issues in which resolution is needed, peer mediation, the reinstatement process for non-payment of fees, advocacy for students experiencing crisis, etc. This office strives to maintain a high level of respect, trustworthiness, and responsiveness to students.

Counseling Center for Human Development

Location/phone: SVC 2124, (813) 974-2831

Web address: <http://usfweb.usf.edu/counsel>

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

Counseling Services are designed to enhance the personal, academic, emotional, social, career and life planning effectiveness of students. Fully accredited by the International Association of Counseling Services (IACS), the USF Counseling Center is staffed by professional psychologists and psychiatrists licensed to practice in the state of Florida. These professionals assist students in developing a clearer sense of identity, establishing greater autonomy, discovering strengths and weaknesses, identifying realistic educational and career goals, and becoming more insightful, self-directing individuals. Services aimed at early detection, greater self-understanding, effective problem-solving and informed decision-making include: intake evaluation and disposition, crisis intervention, psychological assessment, time-limited individual psychotherapy, couples therapy, personal growth groups and both time-limited and ongoing psychotherapy groups. Adjunctive services include

psychiatric consultation, anxiety management, and skill-enhancement workshops.

The L.E.A.R.N. Program (Learning Enhancement and Academic Resources Network) offers a student-centered environment dedicated to helping students develop their academic skills and strategies for success in college and life-long learning. Support is provided through three accredited courses: *Critical Reading and Writing* (REA 1105), which also qualifies as a Gordon Rule requirement, *Learning Strategies* (REA 1605), and *Academic Strategies* (REA 2930), offered at mid-semester for students who are performing below expectations. Additionally, a variety of free workshops are offered each semester, which focus on specific learning strategies such as textbook reading, test-preparation and test-taking, note-taking, and time management.

Testing and Assessment Services enhance the effectiveness of counseling by providing objective information about students. Tests of abilities, aptitudes, career interests, personality, reading comprehension, study skills, and other complex psychological attributes are available as part of the counseling process.

The **Outreach and Workshop Program** offers a Student Success Series of workshops and groups on a variety of topics such as life planning, stress management, test and performance anxiety, relationships, anger management, depression, and self esteem. Workshops are listed in the Oracle and schedules for each semester are posted on the Counseling Center's website. Consultation and liaison relationships are maintained with student groups and staff/faculty.

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

Veterans Services provides specialized services and programs to veterans, eligible dependents, active duty personnel, and members of the Selected Reserve. The staff assists students with their use of Department of Veterans Affairs (VA) Educational Benefits, and serve as information and referral resources. Veterans Services was established to act as a liaison, whenever possible, between the VA students and the VA or various USF offices in order to help resolve problems. Veterans Services is the point where students submit all paperwork concerning VA Educational Benefits. Programs to help students financially include VA Work-Study Program, VA Deferral of Fees, Advance Payment Program and VA Tutorial Assistance. **Office Hours:** 8:00 a.m. to 5:00 p.m., Monday through Friday (except University holidays). For further information, contact the staff in SVC 2127, call 974-2291, or visit our web page (<http://usfweb.usf.edu/vetserve/>).

Vocational Rehabilitation services are available for qualifying students and include vocational evaluation, vocational and personal counseling and guidance, coordination of services, training assistance, provision of books and supplies, and treatment.

Student Health Services

Location/phone: SHS is located east of the USF Bookstore and north of the Student Services Building, (813) 974-2331, FAX (813) 974-8391.

Address: 4202 East Fowler Avenue, SHS 100 Tampa FL 33620-6750

Internet: www.shsweb.shs.usf.edu

Office Hours: Monday through Friday 8:30 a.m. to 5:00 p.m. (hours may vary on holidays and semester breaks). SHS is closed on weekends.

After Hours Consultation: An SHS physician is available by telephone after hours to provide medical advice and direction for currently enrolled USF students. The on-call physician may be contacted at the SHS telephone number, 974-2331.

Emergency Services: SHS does not provide ambulance services. If students require emergency services or immediate medical attention after hours, two nearby facilities are the University Community Hospital (971-6000) on Fletcher Avenue (north of campus) and the Doctor's walk-in Clinic (977-2777) on Bruce B. Downs Boulevard (west of campus).

Student Health Services (SHS) provides primary health care and health education services to all eligible registered students.

The SHS staff is comprised of general practice physicians, board certified specialists, advanced registered nurse practitioners, board certified physician assistants, registered nurses, licensed practical nurses and assistants, licensed laboratory technologists, certified health educators, a registered dietitian, and administrative personnel. SHS strives to provide the best possible care for the university student community.

Eligibility and Fees: SHS provides services to any registered student with a valid student ID card who has paid the Tampa campus health fee. USF Tampa Campus students are assessed this health fee and it is included in their tuition each semester. Students registered on campuses other than Tampa may volunteer to pay this health fee. Students taking a semester off may also elect to pay this health fee, entitling them to the same benefits as any student who is currently registered.

The Health Fee entitles students to

- Unlimited visits to the ambulatory clinic
- Access to SHS specialty clinics at a reduced cost (Gynecology)
- Reduced cost for laboratory tests
- Reduced cost for medications dispensed at SHS
- Limited visits to the Counseling Center at no charge
- Unlimited access to all health education programs at no cost
- Antigen injections (If you require allergy shots, SHS can store and administer your injections. Complete written instructions must be submitted by the prescribing physician for antigen therapy to be approved by SHS's medical director.)

Prescriptions: SHS does not operate a pharmacy; the physicians dispense frequently prescribed medications at the time of the visit. If the necessary medication prescribed is not available in the inventory, a prescription will be written which can be filled at any local pharmacy.

Health Insurance: For Student Health Services to provide optimal service to students, it is important that they have adequate health insurance. The Student Insurance Office (SIO) with the assistance of the Insurance Committee has contracted a reliable health insurance company to provide our students with an affordable student health insurance plan for sickness and accidental injury tailored to the particular needs of college students. The SIO is there to assist students in understanding the available health insurance plans and encourages all registered students who do not have health insurance to visit the office located just west of SHS in the lower level of the Bookstore building (next to textbook buyback).

Health Education Programs:

The Health Education functions as a resource for the university community regarding health and wellness issues and encourages responsible decision making and positive lifestyle choices. The Department is staffed by health educators, a registered and licensed dietitian, and other support personnel. A variety of

information on health topics, as well as free blood pressure, height and weight readings are available. The following describes some other services provided. All are free and offered upon request, unless otherwise stated. For more information, call (813) 974-4936.

Individual Counseling

- **HIV Antibody Testing** – Confidential HIV Antibody testing is available to USF students for a fee. Referrals are made to local community agencies for anonymous testing.
- **Nutrition Counseling** – One-on-one nutrition counseling is available to USF students. Topics may include nutrition myths and facts, nutrition for wellness, disordered eating, weight management, cardiovascular nutrition, diabetes, dietary supplement facts, vegetarianism or other nutrition-related issues. Visits are free of charge.
- Individual consultations and referrals are available on other topics including STI's (sexually transmitted infections), sexual responsibility, alcohol and other drugs, and body image.

Outreach Education

- **Educational Programs** – Staff members are available for educational outreach programs. Programs can be tailored to meet the special needs of a group or organization.
- **Health Promotion Activities** – Health Ed. Staff are frequently found around campus distributing information and materials.
- **Awareness Campaigns** – Throughout the year, the Health Ed Department develops and organizes various events, activities and materials in recognition of national awareness campaigns, including National Collegiate Alcohol Awareness Week, National Nutrition Month, National Eating Disorders Awareness Week, and Sexual Responsibility Week.

REACH Peer Education Program (Responsible Education and Action for Campus Health)

REACH Peer Educators are selected and trained to provide innovative, non-threatening educational programs and activities regarding sexual responsibility, STI's, contraception, alcohol and other drug awareness and general college health issues to fellow students. Workshops are presented in residence halls, academic classes, and to university student organizations. Peer educators are also involved with various health promotion activities and awareness campaigns. Students can get involved with the program as staff members or volunteers.

Mandatory Medical Requirements for Registration

1) Medical History Form (required for all students, regardless of age)

According to Florida Administrative Code Rule 6C-6.001(4) "Each student accepted for admission shall, prior to registration, submit on a form, provided by the institution, a medical history signed by the student." New admits will be provided a Medical History/Immunization Form with their admissions letter. In order to register, this form must be completed, signed, and returned to:

Student Health Services
University of South Florida
4202 East Fowler Avenue, SHS 100
Tampa, FL 33620-6750
Immunization Fax: (813) 974-5888
Telephone: (813) 974-4056

2) SUS Immunization Policy

As a prerequisite to matriculation or registration, the State University System of Florida requires all students born after 1956 to present documented proof of immunity to **RUBEOLA** (measles) and **RUBELLA** (German measles). The documented date of immunization for both measles and rubella

should indicate the day, month, and year. However, only month and year will suffice if the month and year indicate that the immunization was given at least 13 months after the month of birth. Exceptions to this policy may be granted in the event of valid medical contraindications, or for religious reasons.

Consistent with Department of Health and Rehabilitative Services guidelines, acceptable proof of immunity for Rubeola (measles) and Rubella (German Measles) are as follows:

A) RUBEOLA (MEASLES): Students can be considered immune to measles only if they have documentation of at least one of the following:

1. Documentation of immunization with two (2) doses of live measles virus vaccine on or after the first birthday. *Note: Persons vaccinated with killed or an unknown vaccine prior to 1968 must be revaccinated. Persons born before 1957 may be considered to have had a natural infection and, therefore, do not need measles vaccine.*
2. Laboratory serologic [IgG] evidence of measles immunity.
3. A written, dated statement signed by a physician on his or her stationery, that specifies the date seen, and states that the person has had an illness characterized by a generalized rash lasting three (3) or more days, a fever of 101 degrees Fahrenheit or greater, a cough, and conjunctivitis, and, in the physician's opinion, is diagnosed to have had the 10 day measles.

B) RUBELLA (GERMAN MEASLES): Students are considered immune to Rubella only if they have documentation of immunization with live rubella virus vaccine on or after the first birthday or Laboratory (serologic) [IgG] evidence of rubella immunity.

If the student has no documentation of any doses of measles vaccine, vaccine should be given at the time of entry and the second dose no less than twenty-eight (28) days later. It is recommended that both doses of measles vaccine be given as a combined measles-mumps-rubella (MMR) vaccine. **Vaccinations and blood titers are available at Student Health Services.**

PLEASE NOTE: ALL FEMALES SHOULD BE AWARE THAT THEY SHOULD NOT BE VACCINATED IF THERE IS ANY POSSIBILITY OF PREGNANCY.

Temporary Medical exemptions must be submitted by the attending physician and must include reason for exemption and duration of exemption.

- For religious exemption applications, contact Student Health Services.
- For off-campus term exemptions, contact Registrar 974-2000.

Records will be kept in electronic (computer) form. Hard Copy proof submitted by students will not be available for return.

3) Requirements for Students Residing on Campus
Florida Statute 339, Section 1006.69

An individual enrolled in a post secondary educational institution who will be residing in on-campus housing shall provide documentation of vaccinations against meningococcal meningitis and hepatitis B unless the individual, 18 years of age or older or the individual's parents, if the individual is a minor, declines the vaccination by signing a separate waiver for each of these vaccines, provided by the institution acknowledging receipt and review of the information provided.

SUS Health Insurance Requirement for International Students

The State University System of Florida requires that all international students have medical insurance in order to register for classes at USF.

Residence Services

Location/phone: RAR 229, (813) 974-0001.

Office Hours: Monday through Thursday, 9:00 a.m. - 5:00 p.m. and on Fridays from 10:00 a.m. - 4:00 p.m.

The Residence Hall program is an integral part of the total educational experience offered to USF students and is staffed by caring, informed professionals, graduate students, and resident assistants. The Office of Residence Services strives to provide students with intellectual and social experiences in a conveniently-located residence hall community and to promote a safe, secure, and healthy living-learning environment where individual differences are appreciated and respected.

Whether considering the convenient location, the availability of resources and amenities, or the student-oriented personnel associated with the residence hall program at USF, campus living has a lot to offer. Every enrolled degree-seeking student is eligible to live on-campus. Housing information, including a student housing contract, is sent to all accepted students. Students are encouraged to submit their student housing contract immediately upon receipt to insure that housing preferences may be accommodated. Florida Prepaid College Program participants with a Prepaid Dormitory Contract should note the Prepaid Dormitory Contract number in the space allotted on the Student Housing Contract.

On-Campus Housing Facilities

Student housing facilities on the Tampa campus are clustered in five centers of community activity - the Argos, Andros, Cypress, Holly, and Magnolia Complexes. Each area provides a core of services for its residents including a central service desk, mail delivery, laundry facilities, snack facilities, and swimming pool. Although the complexes provide the same basic services, they represent distinctly different options in campus living.

In the *Argos Complex*, Beta and Castor Halls offer traditional student residential living. Beta is co-ed while Castor is an all-female hall. The traditional living arrangement in these halls provides room accommodations designed for both sleeping and studying. In each of these halls, students share common bath facilities that are cleaned on a regular basis by the hall's housekeeping staff. It also offers laundry facilities, kitchens, community rooms, and snack machines.

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

Cypress and Maple Halls also provide suite style living. These halls offer double bedrooms with a shared bathroom space between two rooms (4 people).

Holly, Magnolia and Cypress Apartments offer opportunities for students to live in apartment style housing including 4 single bedroom apartments with living room, kitchen, and two bathrooms. A limited number of 2 and 3 bedroom apartments are also available in Holly and Magnolia respectively. A small number of 2 bedroom unfurnished family units are available in Magnolia for students who are married or have children.

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

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

All student housing is air-conditioned and carpeted. All rooms are furnished with a bed, desk, chair, dresser and closet for each resident. Apartment style halls include a couch and chair in the living area. All rooms provide basic telephone service, voice mail, cable TV, and Ethernet access. Food service facilities are conveniently located in the Argos and

Andros Complexes. Nearby swimming pools as well as basketball, tennis, and racquetball courts await students seeking leisure time recreation. In addition, students have access to Residence Services Computer Labs and have the opportunity to become involved in planning activities for their hall by joining the Residence Hall Association.

Off-Campus Housing

Location/phone: Marshall Center 240, (813) 974-7613

Email: offcampushousing@sg.usf.edu

Office Hours: Monday - Friday 9 a.m. - 5 p.m.

The Off Campus Housing Office maintains lists of university-area apartments, homes, condos, and other rental properties available to the public. In addition, the agency accepts roommate and rental property listings from private individuals who do not discriminate because of race, color, or national origin. The office is open throughout the year. You may also search the on-line apartment listings on our website at <http://www.sg.usf.edu/sra/offcampus.html>

Phyllis P. Marshall Center

Location: In the center of campus, adjacent to the Bookstore
Web address: www.ctr.usf.edu

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

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

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

For other diversions, visitors can stop by Centre Gallery, a student run art space with various exhibits throughout each semester. There is also the Games Room with billiards, ping-pong and video games. The lounge on the first floor features computers for checking e-mail and plenty of space for meeting friends and relaxing.

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

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

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

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

Special Events Center

Location/phone: CTR 246, (813) 974-5213

Box Office: (813) 974-3184

The Special Events Center adds a distinctive dimension of entertainment to the USF Campus. With spacious stage and orchestra areas, auditorium-style seating, exceptional acoustics and high quality lighting equipment, this center is ideal for a wide variety of programs. The center, which accommodates 2,250, hosts concerts, cultural events, lecture series, musical and theatrical performances, as well as all types of special events, and is also available for private functions. The Special Events Center is connected to the Marshall Center by a Skyway over Cedar Drive.

Student Government

Location/phone: CTR 203, (813) 974-2401

Web address: www.sg.usf.edu

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

Student Activities

Location/phone: CTR 259, (813) 974-7595

Office Hours: Monday through Thursday, 8 a.m. - 6 p.m. and Fridays 8 a.m. - 5 p.m.

Student Activities provides advising and activities for students to experience growth outside the classroom. Through activities, programs, events, workshops and courses, Student Activities provides opportunities to learn intellectually, socially and emotionally as a part of the experience at USF. The Leadership Studies program through Student Activities gives students an opportunity to study the skills to become a leader.

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

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

Clubs and Other Organizations

The clubs, councils, and organizations formed by students represent a wide variety of interests. With over 300 student organizations, the Tampa campus of USF has groups organized for all types of activities.

New organizations are continually being formed. Profes-

sional staff members are available to assist individuals forming an organization, and to advise registered groups. For a current list of all organizations, or information on forming a group, contact the Office of Student Activities, located in Marshall Center, Room 259 or call (813) 974-7595.

For a detailed list of all the student organizations on campus visit the Student Organization Look-Up web site at www.ctr.usf.edu and click on the Student Organization Look-Up link. From there you can browse through the more than 300 active student organizations on campus and their contact information. If an organization is on the list and is no longer active, they can always be started up again. An entirely new organization can be started as well; it's really easy and it's all up to you.

USF has more than 300 registered student organizations. These organizations fall within twelve different categories: Academic, Council, Cultural, Graduate, Greek, Honors, Political, Programming, Recreation, Religious, Service and Special Interest. Log on to www.ctr.usf.edu and see the current list of organizations on campus.

Campus Recreation

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

The Campus Recreation Program is designed to provide opportunities for participation in a wide variety of sports and recreational activities for the entire University community.

The Campus Recreation Department offers five distinct divisions: informal recreation, outdoor recreation, intramurals, fitness/noncredit instruction, and sports clubs. The informal recreation division administers all recreational facilities. The division assists groups in reservations and ensures availability of recreational facilities for informal, drop-in use. Facilities include indoor and outdoor pools, gymnasiums, weight room/activity rooms, tennis courts, racquetball courts, intramural fields, and jogging trail.

Through the fitness/noncredit instruction division, students have the opportunity to take a wide variety of noncredit classes ranging from aerobics to scuba. Also, the Campus Recreation Center offers the opportunity to work out in a state-of-the-art weight room as well as participate in racquetball on six 4-wall courts.

The Outdoor Recreation Division offers students the opportunity to become involved in adventure trips (hiking, canoeing, camping, etc.) as participants or as group leaders. The division also administers a fully equipped outdoor rental center and resource center. In addition, the division is responsible for the USF Riverfront Park, a complete riverfront recreational site located on the Hillsborough River, which includes a ropes/challenge course, primitive camping, and a disc golf course.

The Intramural program offers competitive and recreational tournaments in a variety of sports and recreational activities. The activities represent a broad selection of sports and include individual, team, and aquatic sports.

The sports clubs program supports a wide range of student-organized groups. The sports clubs provide for instruction, recreation, and competition in various sports activities.

Injuries occurring in any of the Campus Recreation programs are not covered by the University or the Campus Recreation Office.

Information about any of the above activities can be found at the USF Campus Recreation Center, located directly northwest of the Sun Dome, or by calling 974-3177. The department's website is: www.usf.edu/campusrec.

Student Publications

The University encourages a program of campus communication through two publications staffed by students under the general supervision of the Office of Student Publications. These publications are all-University in approach and coverage. A tabloid campus newspaper, the *Oracle*, is published five times weekly, Monday through Friday during the Fall and Spring, and two times weekly, Monday and Thursday, during the Summer. Containing 12 to 20 pages in each issue, it provides profes-

sional experience for those students interested in print journalism.

Omnibus, a literary magazine, published annually, contains prose, poetry, photos, and graphics produced by students.

Interested students are invited to apply for staff positions on both publications.

Standards and Student Judicial Procedures

Standards of Conduct

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

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

Judicial Procedures

Student judicial procedures are followed when a student fails to exercise his/her responsibility in an acceptable manner or commits an offense as outlined in the student handbook (www.sa.usf.edu/sjs). The University disciplinary procedures afford students the opportunity to participate in discussions of the matter and to present information in one's own behalf, to seek counsel in one's own best interest, and the right of appeal. Students are entitled to participate in the development of standards of conduct supporting their interests in the purpose of the University. The University Judicial procedures are described in the student handbook.

For Non-Academic Grievances: In order to assure students the right to redress of grievances, the Office of Student Relations is responsible for a grievance procedure involving non-academic matters. Any student may file a question, complaint, or statement of grievance in the Office of Student Relations, in person or in writing. A course of action or other answer will be given by the Office of Student Relations, as soon as possible.

For Academic Grievances: Students should follow the academic grievance procedure.

OTHER STUDENT SERVICES

Intercollegiate Athletics

USF fields 18 intercollegiate sports for men and women, all at the NCAA Division I level. In men's competition, USF has baseball, basketball, football, soccer, cross country, outdoor track, golf and tennis. Women's competition includes basketball, softball, tennis, golf, cross country, indoor and outdoor track, sailing, soccer and volleyball.

USF became a charter member of ConferenceUSA in 1995, and will be joining the ranks of Syracuse, Pittsburgh and Georgetown in the Big East Conference beginning in 2005/06.

The athletic facilities at USF are second to none. We are excited about the addition of our brand new 103,000 square foot Athletic Training Facility which opened in the spring of 2004. The Sun Dome, opened for the 1980-81 basketball season, is undoubtedly one of the most unique and dynamic multipurpose facilities in the Southeast. Lighted stadiums for the school's

softball, baseball, soccer, and track team provide pleasant conditions for both the athletes and the spectators. The school also has an 18-hole championship golf course, and varsity tennis courts. The Bulls football team competes in Raymond James Stadium, a state of the art stadium opened in 1998 and shared with the Tampa Bay Buccaneers. All USF students receive free admission to all regular season competitions and are offered free bus transportation from the Marshall Center to the stadium for all home games. Buses return to USF at the end of the game.

University Bookstores

The on-campus bookstores are owned by the University of South Florida and operated by Barnes & Noble College Bookstores, Inc. The primary function of the university bookstores is to extend services to the students, faculty, staff, alumni and visitors of the university. The USF Bookstore and the Health Sciences Bookstore are located on the Tampa Campus. The St. Petersburg Campus Bookstore is located on the St. Petersburg Campus. VISA, MasterCard, Discover and American Express are accepted at all stores. The USF Debit Card may also be used for purchases in the Tampa Campus store.

The USF Bookstore & Cafe

Location/phone: On Martin Luther King Plaza between the Marshall Center and the Student Services Building. Customer Service: (813) 974-2631, Toll-Free: (800) 873-8114

Usual Hours: Monday through Thursday from 8:00 a.m. - 7:00 p.m., Friday from 8:00 a.m. - 5:00 p.m. and Saturday from 10:00 a.m. - 4:00 p.m. Extended hours and additional registers open at the beginning of each term.

Web address: <http://sftampa.bkstore.com>

The bookstore offers a wide variety of books and merchandise including: all course-required supplies and textbooks; a complete selection of writing implements, folders, paper and other class supplies; a wide selection of fiction, nonfiction and magazine titles; college clothing; class rings; imprinted souvenirs and gift items. The Main Bookstore at the Tampa Campus also features a full service café proudly serving Starbucks products. Visit the café for lunch or a coffee break.

Personnel are available to assist customers in finding and/or ordering course texts and general books. A continuous Buyback Program offers a source for cashing in used textbooks. We also provide an on-line store for textbook reservations and/or delivery for every semester.

Health Sciences Bookstore & Cafe

Location/Phone: Medical Center (MDC 1050), (813) 974-4984

Usual Store Hours: Monday through Friday from 7:30 a.m. to 5:00 p.m. Extended hours at the beginning of each term.

Usual Cafe Hours: Monday through Friday from 7:30 a.m. to 2:00 p.m.

Web address: <http://usfhsc.bkstore.com>

Store features medical textbooks and equipment, professional apparel, USF-imprinted clothing, greeting cards, balloons, gifts, candy, snacks, cold drinks and other items.

St. Petersburg Bookstore

Location/Phone: Coquina Hall (COQ 101) on the St. Petersburg USF Campus, (727) 553-1141

Usual Hours: Monday through Thursday 9:00 a.m. to 6:00 p.m. and Friday from 9:00 a.m. to 5:00 p.m. Extended hours at beginning of each term.

Web address: <http://usfstpete.bkstore.com>

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

Lakeland Bookstore

Location/Phone: LAC 111 on the Lakeland Campus at 3433 Winter Lake Rd., (863) 665-8431

Usual Hours: Monday through Thursday 7:45 a.m. to 6:30 p.m. and Friday from 7:45 a.m. to 5:00 p.m. Longer hours are scheduled during registration periods and the first week of each term.

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

Sarasota Bookstore

Location/Phone: 6301 Tamiami Trail, (941) 355-5252

Usual Hours: Monday through Thursday 9:00 a.m. to 5:00 p.m. and Friday from 9:00 a.m. to 3:00 p.m.

Web address: <http://usfsarasota.bkstore.com>

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

USF Dining Services

Location Information: <http://www.usfdiningservices.com>

Due to the numerous renovations and planned dining locations, this information is subject to change. For the latest updates, please visit our website.

Sales Office (Marshall Center Lower Level Room 40) - Open a meal plan, start or add to a Declining Balance or ask questions. 813-974-4499 or 813-974-5922.

Great Food on Campus

No matter what you are looking for, USF Dining Services has all kinds of great places for you to eat on campus! Save time and money by opening a meal plan or Declining Balance account. Visit www.usfdiningservices.com or come by our Sales Office (lower level of the Marshall Center) for more information.

All-You-Care-To-Eat Dining

Fresh Food Company (Argos Center) - Offers unlimited servings from stations such as American Diner, Mediterranean Kitchen, Fresh Produce, and Accents. There is no kitchen - all stations feature exhibition-style cooking using only the freshest of ingredients!

Andros Dining Center (Andros Center) - Offers unlimited servings of home-style foods, grill items, pizza, salads, and desserts. Try out our late night breakfast buffet!

A La Carte Dining

Tampa Room (Marshall Center 1st Floor) - Choose from selections at Montague's Deli, Chick-fil-A, Bene Pizza and Pasta, Salad Garden, and SUSHI.

Einstein Bros. Bagels (Marshall Center 1st Floor) - A national bagel brand offering bagels, sandwiches, Bagel Dogs, salads, desserts, and more.

Freshens Smoothies (Marshall Center 1st Floor) - Popular for ice cream and juice smoothies - all made with fresh fruit. Also try a variety of Freshens scoop ice cream and soft serve frozen yogurt.

On Top of the Palms (Marshall Center 4th Floor) - A sophisticated dining restaurant with a gorgeous view of the campus. Offers buffet selections, carving station, exhibition cooking, plated entrees, and assorted desserts.

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

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

Business Administration Café (College of Business) - Grab a cup of joe, a smoothie, or pastries at the Java City or a gourmet sandwich from Montague's Deli.

Subway (Cooper Hall) - Get any of your favorite Subway subs right here on campus!

C3 Convenience Store / Ben & Jerry's (Andros Center) - Full convenience store for all of your grocery needs including beverages, snacks, frozen foods, dry goods, bulk candy and more! Or get a scoop of Ben & Jerry's famous ice cream!

Express Shop (Engineering) – Offers a variety of grab-n-go items such as sandwiches, salads, sweet and salty snacks, and beverages.

Health Sciences Café (Health Science Bookstore) – Choose from a selection of grab-n-go items and get a cup of Java City coffee or smoothie.

USF I.D. Card

The USFCard is the official I.D. card of the University of South Florida. It provides electronic verification and validation for a variety of University services and functions. University

policies require that all student, faculty and staff members carry the USFCard while on campus. Students may be denied services if they do not have one. The USFCard may also be used to make purchases from on-campus copiers, snack and vending machines equipped with card readers. Value can be added to the vend stripe at Cash-to-card machines located around campus and at most coin/card copiers in the Library. If a student has an account with the USF Federal Credit Union, the USFCard can be used as an ATM card. The USFCard can also serve as an ECCI calling card. For additional information: <http://www.auxsvc.usf.edu/usfcard.html>

INTERNATIONAL AFFAIRS

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

OFFICE OF THE DEAN

Location/Phone: CPR 455-478, (813) 974-4090

Email: iacops@iac.usf.edu

Web Site: <http://web.usf.edu/iac/>

International Affairs provides leadership, advocacy, development, and support for all central and college-based international activities. International Affairs works in collaboration with the colleges and regional campuses to promote international education, research, outreach, and service programs. International Affairs is comprised of the Center for Africa and the Diaspora, the Center for Latin American and Caribbean Studies, the Office of International Student and Scholar Services, the Office of Study Abroad and Exchanges, and the USF Linkage Institutes. It is also closely allied with the English Language Institute. International Affairs leads the development of academic program offerings (area studies) and services, international exchanges, partnerships with business, industry, and government both in the U.S. and overseas, the development of the international activities, and the development of enhancement of faculty, student, and staff training and development.

Center for Africa and the Diaspora

Location/Phone: SVC 1087, (813) 974-4727

Email: ibl@ibl.usf.edu

Web Site: <http://www.usf.edu/ibl>

The Center for Africa and the Diaspora is a joint venture between the Institute on Black Life and International Affairs. The Center works with IBL and International Affairs to provide leadership and advocacy for research, program development and community service initiatives that examine and illuminate the contributions of Africans and other peoples of the African Diaspora, as well as problems and issues that affect their lives. Through educational, cultural and economic exchanges, symposia, and other programs, USF students, faculty, and scholars and the local community are linked in tangible and productive ways to the world African community on issues of global relevance. The Center fosters interdisciplinary partnerships and collaborative arrangements with a wide range of institutions and organizations related to Africa and the African Diaspora in Tampa Bay and around the world.

Latin American and Caribbean Studies Program

Location/Phone: CPR 474, (813) 974-3547

Email: lacs@iac.usf.edu

Web Site: <http://web.usf.edu/~lacs>

The mission of the Latin American & Caribbean Studies (LACS) program, as part of the University of South Florida's strategic plan for internationalization, is to enhance, coordinate and promote teaching, research, and service activities related to Latin American, Caribbean, and U.S. Latino Studies. With the College of Arts and Sciences, the office offers a Certificate in Latin American and Caribbean Studies for undergraduate students who want to enhance their major degree program, a graduate certificate in Cuban Studies, and a Master of Arts (M.A.) Degree in Latin American, Caribbean and Latino Studies that emphasizes interdisciplinarity. A B.A. degree is in the planning stages. LACS provides advising and support services to students.

The program offers research grants to USF faculty and graduate students to encourage and support research, conference participation, and course development in all fields related to Latin American, Caribbean, and Latino Studies.

The program fosters greater knowledge of Latin American, Caribbean, and Latino issues through partnerships with community organizations as well as university departments to sponsor lectures and cultural programs open to the public throughout the year. LACS works/collaborates with more than 40 teaching faculty in several disciplines who are experts in Latin American, Caribbean and Latino studies. The staff consults with university administrators on issues related to the Latino community and Latino students to provide good university-community relations.

Office of International Student and Scholar Services

Location/Phone: CPR 469, (813) 974-5102

Email: daustell@iac.usf.edu

Web Site: <http://web.usf.edu/iac/iss/>

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

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

Study Abroad Office

Location/Phone: CPR 468, (813) 974-4314

Email: studyabroad@iac.usf.edu

Web Site: <http://web.usf.edu/iac/studyabroad/>

USF offers students the world as their classroom through its programs abroad. Whether a student chooses a short-term summer program, a semester or year at a university overseas, an internship, service learning or international co-op, there is a program for each student need. Studying abroad provides a unique learning environment, which extends and enhances courses taken on the home campus. Students can study abroad at any time in their academic careers. All disciplines offered at USF can be found in partner universities abroad, and so students have a wide range of study options.

USF overseas programs are designed to appeal to a wide audience. Students in any discipline can find a program of study to complement their undergraduate degrees. Courses provide USF credit and thus students can be assured that if they plan carefully, they will continue to make steady progress towards graduation while they are abroad. Students seeking to round out their resumes with experiences abroad, which include internships, service learning, and co-op, will find options for them also. Several programs of overseas study lead to dual degrees, certificates, or double majors.

Many programs include organized cultural excursions, visits to important sites, and opportunities to interact with local people. All include unparalleled opportunities for cultural immersion and in-depth insight into the host country.

USF study abroad programs range in length from one week (over winter or spring break) to a semester. A large number of faculty-led summer programs of 2-6 weeks provide the opportunity to concentrate study abroad in a summer session and help students fulfill the 9-hour summer graduation requirement. All programs are developed as cost-effectively as possible, recognizing the financial concerns of today's students. Federal and state financial aid can be applied to USF programs abroad, and some additional scholarship assistance is available through the Study Abroad Office.

For additional information or a copy of the individual program brochures, please visit the Study Abroad Office, or check the web site.

The English Language Institute

Location/Phone: CPR 443, (813) 974-3433

E-mail: elimain@cas.usf.edu

Website: <http://www.cas.usf.edu/eli/>

The English Language Institute, the laboratory program of the Department of World Language Education in the College of Arts and Sciences, offers both intensive academic and non-academic English as a Second Language (ESL) courses to non-native speakers of English as well as language-related mentoring opportunities. Students at the Institute benefit from curriculum and materials development and research initiatives associated with faculty in both the Department of World Language Education and, through the joint Second Language Acquisition/ Instructional Technology Ph.D. Program, the College of Education. The Institute serves its students by bringing to its activities the full resources of a research extensive university. Students are given a placement test upon register-

ing for the program. This test determines the proficiency level into which the student is placed, ranging from elementary, low-intermediate, high-intermediate, to advanced pre-university ESL.

Students attend non-credit classes 25 hours per week. International students on a USF I-20, F-2 and J-2 visa holders, as well as permanent residents may enroll part-time in the ELI. The integrated-skill, content-based curriculum includes training in listening comprehension, spoken English, grammar, reading, writing, culture, learning strategies, and a host of test prep elective courses (TOEFL, GRE, SAT, SPEAK) for upper-level students.

The English Language Institute is authorized to issue Certificate of Eligibility (I-20) to students who require a Student Visa (F-1) and who meet criteria set forth by the U.S. Bureau of Citizens and Immigration Services.

The cost of the program is \$3,385.00 per semester, including health fee, activities fee, and a non-refundable application fee.

FINANCIAL INFORMATION

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Florida Residency For Tuition Purposes

This notice summarizes the provisions of Florida School Code (SB20-E) Section 1009.21 and University Policy/Procedure concerning Florida Residency for tuition purposes.

In determining residency classification, students fall into one of two categories. They are either *independent students* (students *not* claimed on parent's or legal guardian's federal income tax statement or whose parents do not provide 50% or more of their support) or *dependent students* (students, regardless of age, who are claimed as dependents by parent or legal guardian on federal income tax statement or whose parents provide 50% or more of their support).

The law basically requires that a U.S. citizen/permanent resident alien/independent student or a dependent student's parent/legal guardian has established and maintained a **LEGAL** Florida residence for at least twelve (12) months before the first day of classes of the term for which Florida residency status is sought.

USF is required to obtain documentation of 12 months' legal residence before a student is classified as a Florida resident for tuition purposes. A student is required to request Florida residency in writing and submit supporting documents no later than the fifth day of classes in the term for which classification is sought.

The following is acceptable, nonconclusive evidence of the establishment of a legal residence in Florida. At least one such document must be dated/issued at least 12 months before the first day of classes of the term for which Florida residency is sought.

1. Proof of purchase of permanent home in Florida.
2. Declaration of Domicile.
3. Florida's driver's license.
4. Florida voter's registration.
5. Florida vehicle registration.
6. Florida vehicle title.
7. Professional/occupational license issued in Florida.
8. Florida incorporation or other evidence of legal residence in Florida.
9. Full-time, non-temporary employment in Florida.

For more information regarding residency for tuition purposes please visit: <http://www.registrar.usf.edu/Residency/>

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

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

Fees

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

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

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

3. Tuition

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

The student is responsible for paying fees in full by the appropriate due date stated in the particular term's "Schedule of Classes." Failure to do so may result in cancellation of the student's registration. Fees paid by mail must be postmarked by the post office, *not* office meter stamped, on or before the fifth day of the term. Checks are payable to USF. To avoid a \$100.00 late payment fee, all tuition fees must be paid or postmarked by the U.S. Post Office, not office metered, by the fifth day of the term. The University cannot be responsible for lost or misdirected U.S. Postal mail. A student whose registration has been cancelled may request registration reinstatement through the fourth week of class for the academic term. Upon approval for reinstatement, all fees and other debts owed to the University must be paid in full by cash, money order, check or credit card before reinstatement will be affected.

Current fees are posted in the Schedule of Classes (<http://isis2.admin.usf.edu/ssearch/search.asp>) and on the OASIS web site (<http://usfonline.admin.usf.edu/>).

- a. **Students who only register for a co-op assignment** must pay a minimum of one (1) hour at the level of the co-op assignment.
- b. **Cashier's Office Hours** - Regular Registration - See regular registration dates and times in "Schedule of Classes." Regular Cashier's Office hours are Monday, Thursday, Friday from 9:00am - 5:00pm and Tuesday, Wednesday from 9:00am - 6:00pm.
- c. **Tuition fee payment** should be mailed to:
Tuition/Purchasing and Financial Services
University of South Florida, ADM 147
4202 E. Fowler Avenue
Tampa, Florida 33620-5800
- d. **Off-Campus College of Education Courses**
Students enrolling for off-campus (Continuing Education) courses will be assessed fees according to the fee structure "a" above. Continuing Education courses are designated by the "700 series" section number. The "Schedule of Classes," which is printed each semester, should be used as a reference for updated information.

4. Late Registration Fee

All degree seeking students who initiate (i.e., those students who have not enrolled for any courses during early or regular registration) their registration during the late registration period will be automatically assessed a \$100.00 late registration fee.

All non-degree seeking students who have not registered for any courses by the end of the first week of classes will be automatically assessed a \$100.00 late registration fee.

5. Financial Aid Disbursement

Upon satisfaction of eligibility criteria, financial aid will be credited to student accounts after the drop/add period is over. Monies in excess of charges will be mailed to students' local addresses or electronically deposited to the students' checking account.

6. Cancellation for Non-Payment of Fees

Students not on an authorized deferred payment of fees and who have not paid their tuition fees in full by a specified day (per "Schedule of Classes") will have their registration for that term cancelled. This means, specifically, that a student will receive no credit for any courses taken during that term.

7. Intern Certificate of Participation

Individuals who have supervised interns may register for courses during a term by presenting their intern Certificate of Participation. The Intern Participation Certificate effective July 1, 1997 states that certificate holders are entitled to a

waiver of *only matriculation fees* for a maximum of six (6) credit hours instruction during a single term. Certificates are valid for three years from the date of issuance. Fees must be paid or postmarked by the U.S. Post Office (not office meter marked) by the fifth day of the term. The University cannot be responsible for lost or misdirected U.S. Postal mail.

8. Faculty and Staff Educational Assistance Program

The University has developed a program to provide a successor to the former tuition waiver benefit. Please check with Human Resources regarding this benefit.

9. Tuition Deferment for VA Students

Students receiving VA benefits who have applied in writing no later than the date specified in the "Schedule of Classes" for the deferment in Veterans Services have until a specified date (see *Schedule of Classes*) to pay tuition in full.

10. Florida Prepaid College Program

Students who are eligible to receive benefits under this program are responsible for the local portion of fees. This fee must be paid or postmarked by the fifth day of the term to avoid being cancelled or charged the \$100.00 late payment fee.

11. Mailed Payments

To avoid cancellation of registration or a \$100.00 Late Payment Fee, all fee payments must be postmarked, by the **post office not office metered**, by the applicable fee payment deadline listed in the Academic Calendar.

12. Returned Registration Checks

A student's current registration is subject to cancellation if the check presented in payment of those fees is returned to the University unpaid. Dishonored fee payment checks must be redeemed within 10 calendar days to avoid cancellation of a student's current registration. **A \$100.00 Late Payment Fee and a \$25.00 administrative charge will be assessed on any registration check returned unpaid to the University.**

13. Meal Plans 2005-2006

Please note: rates and plans are subject to change. Rates listed below reflect 2004-2005 academic year pricing. Please visit our website at www.usfdiningservices.com or our Sales Office in the Marshall Center (room 40) for the most up-to-date information.

Traditional Meal Plans

All meals are eaten at the Fresh Food Company and the Andros Dining Center. Flex Dollars can be used at any USF Dining location on campus. Meals do not roll over from semester to semester (or week to week with the Any 15). Flex Dollars roll over from Fall to Spring, but unused Flex Dollars are forfeited at the end of Spring. Meal plan portion is already taxed. All meal plans are two (2) semester contracts.

Available to all students:

Unlimited Plan + \$150 Flex Dollars	\$1605.65
Any 15 Plan + \$300 Flex Dollars	\$1420.96
BULLBlock 150 + \$150 Flex Dollars	\$1265.24

Available to voluntary students and mandatory students only living in Kosove, Holly, Maple, Cypress or Greek Housing:

BULLBlock 90 + \$300 Flex Dollars	\$900.91
-----------------------------------	----------

Available to voluntary students only:

BULLBlock 50 + \$300 Flex Dollars	\$663.99
FlexiBULL 1000 (receive \$1100)	\$1000
FlexiBULL 500 (receive \$550)	\$500
FlexiBULL 300 (receive \$330)	\$300

Declining Balance Account

A Declining Balance account is available to voluntary students in place of a traditional meal plan, or to a mandatory student to add money to their meal plan. DB funds can be used at any dining location on campus, including the Fresh Food Company and Andros Dining Center. There are special discounts associated with using your DB money at some of the dining locations. There is no fee, no minimum to maintain and the money rolls over through the semesters and the years.

Refund of Tuition/Fees Payment Release of Tuition/Fees Liability

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

- 100% of registration fees and tuition will be refunded if notice of withdrawal from the University is approved prior to the end of drop/add period and written documentation is received from the student.
- 25% of registration fees and tuition paid less building and capital improvement fees, will be refunded if notice of withdrawal from all courses from the University is approved prior to the end of the fourth week of classes (summer term is prior to the end of the third week of classes) and written documentation is received from the student.

Fee Adjustment Request After Fifth Day of the Term

Effective January, 1989, USF approves a refund of 100% of the tuition and registration fees if a student withdraws or drops a course due to circumstances determined by the university to be exceptional and beyond the control of the student. These situations must be documentable. Requests for fee adjustments must meet one of the conditions below to be considered.

- 100% of registration fees and tuition will be refunded when a student withdraws or drops a course due to circumstances determined by the University to be exceptional and beyond the control of the student, including but not limited to:
 - Illness of a student of such severity or duration, as confirmed in writing by a physician, to preclude completion of the course(s),
 - Death of the student or death in the immediate family (parent, spouse, child or sibling) as confirmed by documentation indicating the student's relationship to the deceased,
 - Involuntary call to active military duty as confirmed by military orders,
 - A situation in which the university is in error as confirmed in writing by an appropriate University official,
 - Other documented exceptional circumstances beyond the control of the student that precluded completion of the course(s) accompanied by letter of explanation and appropriate documentation.
- Students who receive financial aid and subsequently change their enrollment status that results in a refund in accordance with this subsection, may have all or a portion of their refund returned to the University's financial aid programs in accordance with the Financial Aid Policy on Refunds and Repayments.

Payment of Accounts Due the University

Charges against students for loss or breakage of University equipment, books, fines and other charges are due immediately. Delinquent accounts may be considered sufficient cause for cancellation of registration. University regulations prohibit registration, or release of transcript, diploma, or grades for any student whose account with the University is delinquent. Payments can be brought into the Cashier's Office in the Administration Building, mailed to Purchasing and Financial Services,

USF, 4202 E. Fowler Avenue, Tampa, FL 33620-5800, or can be made online by accessing OASIS at <http://usfonline.admin.usf.edu/> and should be made by the appropriate deadline.

Financial Aid

In addition to finding a wealth of information on the Web regarding your financial aid, you can apply for aid and monitor your aid application at USF via the Financial Aid Web: <http://www.usf.edu/finaid> and via OASIS: <http://usfonline.admin.usf.edu/>.

Complete and submit the FAFSA online at <http://www.fafsa.ed.gov>. Be sure to list the University of South Florida, school code #001537, as a school to receive your information.

Since many programs are funded on a limited basis, it is to your advantage to apply early. Priority application dates and detailed information regarding financial aid are provided each year in the Financial Aid Handbook and on our Web site. Conduct a nationwide scholarship search: <http://www.fastweb.com/> and check out USF's scholarship information: <http://www.usf.edu/finaid/scholarships.html>.

The Office of Financial Aid communicates important information regarding your aid via e-mail throughout the year. Therefore, it is extremely important that you ensure that your current e-mail address is in OASIS for financial aid.

Tuition, housing and meal plan deferments are automatically posted for qualified financial aid applicants. For more information, check our website.

Short-term loans are also available for limited use. The deadline for deferred tuition payment and details about short-term loans are printed in the Schedule of Classes.

Because we are required by federal regulations to verify the last date of attendance in classes, at the end of each semester, the Office of Financial Aid sends notice to financial aid recipients who appear to have unofficially withdrawn. (Your semester grades are all F, U, W, or I.) Your last date of attendance may be considered the last date you submitted an assignment or took an exam, or your last date of actual attendance in classes. This requires a response from you within 14 days, or it will be assumed you did not attend beyond the 50% point of the term, which may require you to repay a portion of federal financial aid received.

Each campus has a financial representative. Tampa (813) 974-4700; Lakeland (863) 667-7028; Sarasota (941) 359-4459; St. Petersburg (727) 553-4128. If you are outside the calling area, call us at 1-877-USF-BULLS.

Academic Scholarships

Academic scholarships are administered by a number of different offices within the University.

1. The Office of Undergraduate Admissions administers a variety of different scholarships for first-time-in-college students. All first-time-in-college students interested in academic and minority scholarships should contact the Office of Undergraduate Admissions directly.
2. The Office of Adult and Transfer Student Services administers a variety of different scholarships for transfer students. All transfer students interested in academic and minority scholarships should contact the Office of Adult and Transfer Student Services directly.
3. All financial aid applicants are automatically considered for scholarships administered through the Office of Financial Aid, if applications are completed by the priority application dates published each year in the Financial Aid Handbook.
4. The individual colleges of the University (the College of Business, the College of Education, etc.) administer some scholarships directly through the Dean's Office in each college. New students and transfer students are advised to contact the USF Office of Undergraduate Admissions or the Office of Adult and Transfer Student Services first, and then the individual colleges regarding scholarship opportunities.

5. For non-Florida residents, a limited number of out-of-state tuition waivers are available based on academic performance. New students and continuing students are eligible to apply for these awards. New students will be considered for the waiver based on their performance in high school or transfer institution. Continuing USF students will be considered for the waiver based on cumulative academic performance at USF.

First-time-in-college students with general inquiries regarding scholarships should contact the Scholarship Coordinator in the Office of Undergraduate Admissions.

Transfer students with general inquiries regarding scholarships should contact the Office of Adult and Transfer Student Services.

Currently enrolled students should contact the individual college in which they are registered or access information through the Office of Financial Aid Web page.

Parking and Transportation

Do I have to have a parking permit?

Parking permits are required to park at the University of South Florida 24 hours a day, 7 days a week, including holidays. Permit types are used to designate parking locations on campus, such as resident, non-resident, Park-n-Ride, visitor, staff, etc. Each person may purchase only one vehicle permit (an additional permit for motorcycle, bicycle, and Park-n-Ride is allowed). Permit campus designation is based on campus/class location. If you don't have a permit, you must park at a metered parking space or a timed space. For additional permit information visit our website at www.usf.edu/parking_services or call 974-3990, Option #1.

How do I obtain a permit?

Visit the Parking & Transportation website www.usf.edu/parking_services. Establish a parking services account and purchase your permit online. Parking permits may be purchased at the following locations:

Tampa Campus Parking and Transportation Building
(on West Holly between North Palm and Magnolia)

Parking Service Lobby hours: Mon – Thurs 7:00 am to 5:30 pm,
Fri 7:00 am to 5:00 pm

St. Petersburg Campus Bay 132 Business Office

Mon – Thurs 8:00 am to 6:00 pm, Fri 8:00 am to 5:00 pm

Sarasota Campus 805A General Spaatz Blvd.

Mon – Fri 8:30 am to 5:00 pm

All office hours are subject modification and are extended at the beginning of the term. Visit our website www.usf.edu/parking_services for office location and hours of operation.

Daily visitor permits can be purchased from the Campus Information Center (Leroy Collins Blvd. & Fowler Ave.) Monday – Thursday 7:00 am – 6:00 pm and on Friday 7:00 am – 5:00 pm, also from parking permit machines located within designated visitor lots. Parking maps and brochures are available with details and lot designations.

Do Visitors need a parking permit?

Yes. The daily parking fee is \$3.00. The fee is applicable to visitors and event attendees who park in visitor lots as defined in the parking brochure. Visitors may take advantage of the Fare Free Campus Shuttle to travel to their destinations on campus. Faculty, staff, students and vendors are not eligible for these permits.

Transportation

Bull Runner shuttle bus service is provided to USF faculty, staff, students and visitors from 7:00 am – 5:30 pm Monday through Friday. (See BRX below for extended hours Monday

through Friday). The shuttle service routes cover the entire USF Tampa Campus, and the following off campus routes; 42nd St., Skipper Rd., and 46th St.; and the University Mall with a stop at UATC.

Bull Runner Extended (BRX) Routes are provided Monday through Thursday 5:30 pm – midnight. Saturday and Sunday 2:30 – 9:30 pm. The BRX routes are slightly different from the regular routes and offer enhanced extended service hours to the USF Library, University Mall and various shopping locations. BRX routes offer weekend service to these locations as well. Check our web-site: www.usf.edu/bullrunner for the most up to date information. Routes and schedules are subject to modification. Ride the Bull Runner Shuttle and save time and money!

A USF ID Card is required to board any shuttle off-campus. Shuttle Maps and schedules are available detailing route information. For additional information call (813) 974-6902, or for hours of operation, please refer to our website: www.usf.edu/bullrunner.

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

Motorist Assistance Program (M.A.P.)

How can I get help when I have a problem with a vehicle?

Keys locked in your car? Need to jump start your car? Low tires? Call Parking and Transportation Services at (813) 974-3990, Option #5. This FREE service is provided Monday – Thursday from 8:00 am until 8:30 pm, and Friday 8:00 am until 4:30 pm (except holidays) by the Department of Parking and Transportation and the Division of Public Safety.

Bicycle Permits

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

What happens if I get a parking ticket?

Parking regulations are designed to provide safe and orderly parking. Violation of these regulations can result in parking citations, immobilization of your vehicle, towing, or loss of parking privileges. Creating, modifying, altering a parking permit or being in possession of a lost or stolen permit is a serious violation and will result in immediate immobilization or towing of the vehicle and possible revocation of campus parking privileges. If you receive a parking citation and believe that extraordinary or mitigating circumstances warrant a waiver then you may petition Parking and Transportation Services within 14 days for reconsideration. Respond to parking citations within 14 days of issuance to avoid late fees. Most common citations are for no permit, expired parking meter, and parking out of assigned area. To appeal a parking citation visit our website www.usf.edu/parking_services, and file your appeal electronically. Failure to respond to parking citations could result in collection agency efforts and additional cost.

Additional Questions?

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

Special Services

Department of Veterans Affairs (VA) Benefits

USF is approved for the education of veterans, eligible dependents, members of the selected reserve, and active-duty personnel who are eligible for benefits under public laws now in effect. All degree programs currently offered at USF are approved by the State Approving Agency.

Students who may be eligible for benefits are urged to contact Veterans Services for information, procedures, and forms as early as possible. To initiate, change, or renew benefits at USF, a request must be submitted through that office.

To be eligible for full-time VA benefits at USF, undergraduate students must enroll for 12 or more semester hours, and graduate students must enroll for 9 or more semester hours each normal academic term.

VA regulations require that students take only courses that are applicable to their degree program or other approved program and make satisfactory progress toward their degree. Students should consult the "Handbook for VA Students" (available at their local USF Veterans Services office) or log on to USF Veterans Services web site: <http://usfweb.usf.edu/vetserve> for information on various programs/services, and VA rules and regulations. Under no circumstances will the VA pay benefits to a student taking a course by audit. *It is the student's responsibility to inquire concerning all VA rules and regulations and to report any change in number of registered hours, change of majors, or adding a double major and/or minor which affects his/her benefits.* Additionally, VA benefits will be terminated for students who are dismissed for academic or disciplinary reasons and can only be reinstated after academic counseling.

Veterans with a service-connected disability approved for benefits under Chapter 31 may contact the Office of Student Financial Services no earlier than one week prior to the start of classes for a book and supplies voucher. Other VA benefits include additional amounts of compensation and pension, which may be payable to eligible veterans and widows or widowers of veterans for the enrollment of dependent children. The students, parents, or guardians are responsible for notifying the VA Regional Office directly of enrollment and termination of enrollment. The VA toll-free number is 1-888-442-4551.

REGISTRATION

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Office of the Registrar

Locations/phones:

Tampa Campus: SVC 1034, (813) 974-2000

St. Petersburg Campus: (727) 553-4142

Sarasota Campus: (941) 359-4641

Lakeland Campus: (863) 667-7026

Web address: <http://www.registrar.usf.edu>

The Registrar's Office provides a wealth of student, academic, and administrative services. The Registrar's Office is responsible for maintaining each student's academic record from the time of admission to degree. Therefore, virtually every USF student is a consumer of services provided by the Registrar's Office.

Registrar's staff publish the University *Schedule of Classes*, coordinate registration and drop/add activities, process grade information each semester, prepare transcripts and diplomas, as well as certify student enrollment status. Registrar's staff also review and act upon student requests for reclassification of residency and process changes of name and student I.D. number.

Students interested in petitioning the Academic Regulations Committee (ARC), requesting fee adjustments, late registration fee waivers, or posting of grade forgiveness will find information and forms on the web and in the Registrar's Office.

The Registrar's Office provides information and services to students via OASIS, the University's Online Access Student Information System. Using their self-declared personal identification number (PIN), students can register and drop/add, process address changes, access registration appointment and hold information, request privacy, view their grades and order transcripts. Students can also browse the University *Schedule of Classes*. Information and services are continually being added for students.

Although technology is being used as an enabler to provide better service, Registrar's staff provide in-person information and services in its lobby area as well as over the telephone. Records and Registration offices are also located on every regional campus.

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

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

Mandatory Medical Requirements for Registration

1) Medical History Form (required for all students, regardless of age)

According to Florida Administrative Code Rule 6C-6.001(4) "Each student accepted for admission shall, prior to registration, submit on a form, provided by the institution, a medical history signed by the student." New admits will be provided a Medical History/Immunization Form with their admissions letter. In order to register, this form must be completed, signed, and returned to:

Student Health Services
University of South Florida
4202 East Fowler Avenue, SHS 100
Tampa, FL 33620-6750
Immunization Fax: (813) 974-5888
Telephone: (813) 974-4056

2) SUS Immunization Policy

As a prerequisite to matriculation or registration, the State University System of Florida requires all students born after 1956 to present documented proof of immunity to **RUBEOLA** (measles) and **RUBELLA** (German measles). The documented date of immunization for both measles and rubella should

indicate the day, month, and year. However, only month and year will suffice if the month and year indicate that the immunization was given at least 13 months after the month of birth. Exceptions to this policy may be granted in the event of valid medical contraindications, or for religious reasons.

Consistent with Department of Health and Rehabilitative Services guidelines, acceptable proof of immunity for Rubeola (measles) and Rubella (German Measles) are as follows:

A) RUBEOLA (MEASLES): Students can be considered immune to measles only if they have documentation of at least one of the following:

1. Documentation of immunization with two (2) doses of live measles virus vaccine on or after the first birthday. *Note: Persons vaccinated with killed or an unknown vaccine prior to 1968 must be revaccinated. Persons born before 1957 may be considered to have had a natural infection and, therefore, do not need measles vaccine.*
2. Laboratory serologic [IgG] evidence of measles immunity.
3. A written, dated statement signed by a physician on his or her stationery, that specifies the date seen, and states that the person has had an illness characterized by a generalized rash lasting three (3) or more days, a fever of 101 degrees Fahrenheit or greater, a cough, and conjunctivitis, and, in the physician's opinion, is diagnosed to have had the 10 day measles.

B) RUBELLA (GERMAN MEASLES): Students are considered immune to Rubella only if they have documentation of immunization with live rubella virus vaccine on or after the first birthday or Laboratory (serologic) [IgG] evidence of rubella immunity.

If the student has no documentation of any doses of measles vaccine, vaccine should be given at the time of entry and the second dose no less than twenty-eight (28) days later. It is recommended that both doses of measles vaccine be given as a combined measles-mumps-rubella (MMR) vaccine. **Vaccinations and blood titers are available at Student Health Services.**

PLEASE NOTE: ALL FEMALES SHOULD BE AWARE THAT THEY SHOULD NOT BE VACCINATED IF THERE IS ANY POSSIBILITY OF PREGNANCY.

Temporary Medical exemptions must be submitted by the attending physician and must include reason for exemption and duration of exemption.

- For religious exemption applications, contact Student Health Services.
- For off-campus term exemptions, contact Registrar 974-2000.

Records will be kept in electronic (computer) form. Hard Copy proof submitted by students will not be available for return.

3) Requirements for Students Residing on Campus

Florida Statute 339, Section 1006.69

An individual enrolled in a post secondary educational institution who will be residing in on-campus housing shall provide documentation of vaccinations against meningococcal meningitis and hepatitis B unless the individual, 18 years of age or older or the individual's parents, if the individual is a minor, declines the vaccination by signing a separate waiver for each of these vaccines, provided by the institution acknowledging receipt and review of the information provided.

SUS Health Insurance Requirement for International Students

The State University System of Florida requires that all international students have medical insurance in order to register for classes at USF.

Registration for Admitted Degree-Seeking Students

Continuing degree-seeking students register by appointment for their next semester's courses during the preceding term, either by web or in person (regional campuses only). Appointment times and instructions for all registration periods are published in the ***Schedule of Classes*** for the appropriate semester.

Prior to initial registration, all newly admitted undergraduate students and readmitted former undergraduate students returning are *required* to participate in an orientation/academic advising program on the USF campus where they will take all or the majority of courses. Newly admitted students and readmitted Former Students Returning receive Orientation/Academic Advising/Registration instructions from the USF Office of Orientation.

Registered students may make schedule adjustments in the regular registration period during the preceding term or in the drop/add period during the first week of classes. (Deadline information is available in the Academic Calendar.)

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

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

Academic Advising for Undergraduate Students

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

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

Orientation and Initial Advising

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

Advising for Limited Access Programs

Students are cautioned that admission to the University does not imply admission to all the programs and courses offered by the individual colleges; this is especially true with respect to

colleges with limited access programs. Colleges such as Business, Education, Engineering, and Nursing have been designated as limited access colleges and require completion of certain prerequisites before a student may declare a major in one of them. It is important that students check the college sections of the catalog for advising and admission requirements. Students planning to enter a limited access program should be aware that their admission by the college may be denied or delayed and should be prepared with alternative plans of action. Students seeking admission to limited access programs must demonstrate successful academic progress toward meeting the limited access requirements in order to remain undeclared beyond 45 semester hours of credit.

Lower-level transfer students (entering the University with fewer than 60 semester hours) and upper-level transfer students (entering with 60 or more semester hours) who do not meet the requirements of a limited access major are assigned initially to the Center for Academic Advising. Upper-level transfer students (entering the University with 60 semester hours or more) who meet the admission requirements of a major are assigned to the college of that major for advising.

Advising for Non-Limited Access Programs

In the case of non-limited access colleges, students may declare a major by completing a form in the appropriate college advising office, usually during one of the orientations required by the University. Students who do not wish to declare a major or who cannot meet the necessary prerequisites of a limited access major are advised by the Center for Academic Advising. Upper-level transfer students (entering the University with 60 semester hours or more) who meet the admission requirements of a major are assigned to the college of that major for advising.

Course Attendance at First Class Meeting

This policy has been put into effect so that USF may effectively utilize classroom space and to insure that all students have maximum opportunity to enroll in classes where demand exceeds availability of seats.

Students are required to attend the first class meeting of undergraduate courses for which they registered **prior** to the first day of the term. Names of students who register prior to the first day of the term are printed on the first class roll for each course section. The first class roll is used by professors to drop students who do not attend the first day of class. Students having extenuating circumstances beyond their control and who are unable to attend the first class meeting must notify the instructor or the department prior to the first class meeting to request waiver of the first class attendance requirement. Students who add courses or late-register during the first week of classes will **not** be on the first class roll and, therefore, will not be dropped for non-attendance by the instructor. Please note that the Registrar's Office does not add students whose names are handwritten on the first day class rolls to courses, and these students are required to add the course by OAS/S. **To avoid fee liability and academic penalty, the student is responsible for insuring that he/she has dropped or been dropped from all undesired courses by the end of the 5th day of classes.**

This policy is not applicable to courses in the following categories: Bachelor of Independent Studies (BIS), Educational Outreach, Open University (TV), FEEDS Program, Community Experiential Learning (CEL), Cooperative Education Training, and courses that do not have regularly scheduled meeting days/times (such as, directed reading, or study, individual research, thesis, dissertation, internship, practicums, etc.). **Students are responsible for dropping undesired courses in these categories by the 5th day of classes to avoid fee liability and academic penalty.**

Adds

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

Drops

A student may drop a course(s) during the regular registration and drop/add periods (first five days of classes). No entry of the course(s) will appear on any permanent academic records and full refund of fees is due for course(s) dropped within those periods.

A student may also drop a course(s) between the second and tenth week of the semester (except for Summer sessions - see the Summer Schedule of Classes for dates). Registration fees must be paid for the course(s) and the academic record will reflect a "W" grade for the dropped course(s).

Auditing Privileges and Fees

A student who wishes to sit in on a class to review the course material may do so; however, the student is not allowed to take exams, earn grades, or receive credit.

The student's status for that class is an audit and his/her presence in the classroom is as a listener. Audit status must be obtained only during the first five days of the term by filing an Audit Form and a date-stamped permit from the college/department on the campus where the course is being offered, with the Registrar's Office. IN-STATE fees are assessed for all audit courses.

Cancellation Before First Class Day

Students may cancel their registration by notifying the Office of the Registrar in writing prior to the first day of classes. If fees have already been paid, the student may request a full refund of fees from the Office of Purchasing and Financial Services.

Withdrawal

A student may withdraw from the University without academic penalty during the first ten weeks of any term (except for Summer Sessions). He/she must submit a completed Withdrawal Form to the Office of the Registrar. No entry is made on the academic record for withdrawals submitted during the first week of the term. All subsequent withdrawals (through the tenth week of classes in the Fall and Spring Semesters) are posted to the academic record with "W" grades assigned to the courses. Withdrawal deadlines for the Summer sessions are listed in the Academic Calendar and are published in the **Schedule of Classes** for the Summer Term. Students who withdraw may not continue to attend classes.

Students who withdraw during the drop/add period as stated in the Academic Calendar may receive a full refund of fees. All refunds must be requested in writing from the Office of Purchasing and Financial Services. No refund is allowed after this period except for specified reasons. See "Refund of Fees" under Financial Information for complete details.

Repeat Course Surcharges

Initiated by the Florida Legislature (H.B. 1545 of 1997) to reduce costs, all state universities must monitor undergraduate student progress and charge students the "full cost of instruction" for certain repeats of undergraduate courses. This policy became effective Fall 1997 and requires USF to charge students a substantial per credit hour surcharge when they attempt a course three or more times at USF, unless the course is specifically designed to be repeated or is required to be repeated by their major. Requirements to earn a passing or higher grade than previously earned in a course do not exempt the surcharge. Students will be required to pay the surcharge in addition to the appropriate in-state or out-of-state tuition rates.

It is important to note that **all** attempts count, including withdrawals after the first week of classes and courses with incomplete grades.

Effective Fall 2000, the University, under the authority of Department of Education Rule 6C07001(4)(c) and Statute 240.124,F.S., **may** grant exceptions to this rule based on extenuating circumstances and financial hardship. However, the University may only approve one appeal per course. The exceptions included in the Statute are extenuating circumstances and financial hardship and are defined as follows:

Extenuating circumstances are those circumstances determined by the University to be exceptional and beyond the control of the student and may include but not be limited to serious illness, documented medical condition preventing completion; death of an immediate family member, involuntary call to active duty; university error, other emergency circumstances or extraordinary situations. Documentation, regardless of the situation, must be submitted with the request for a waiver of this surcharge.

The criteria used by the universities for determining financial hardship should include, but not be limited to, qualification for federal need-based financial aid. Students with other documented financial hardships may also be considered.

The student must fill out a Fee Adjustment Request Form and indicate the request is for a waiver of the repeat course surcharge. They must also submit a statement that explains their request and provide all documentation relating to it. The completed form with documentation should be submitted to the Office of the Registrar for consideration. If a student's request is denied, they may appeal the decision to the Office of the Dean of Undergraduate Studies.

Student Academic Support System (SASS)

Location/phone: SVC 2014, (813) 974-4505

Web address: <http://www.sa.usf.edu/sass/>

The Student Academic Support System (SASS) is the State University System (SUS) computer-assisted advising system, that enhances undergraduate education. The report produced by this system is available to each undergraduate student through the student's advisor, advising office, and FACTS (Florida Academic Counseling & Tracking for Students) Network. FACTS can be accessed by modem, open-use computer labs, the Registrar's office (SVC 1034, Tampa Campus), and the Center for Academic Advising (SVC 2011, Tampa Campus). FACTS is a unique network that provides access to the computing resources of Florida's higher education institutions. You can access FACTS directly at <http://www.facts.org>. The SASS audit matches the student's academic record (both USF and transfer courses) against the requirements of the student's degree program. There is a different SASS audit for each degree program. Students can explore different degree programs thru FACTS by selecting "Degree Program Shopping at your Home Institution" from the FACTS-Academic Advising link. The central SASS office maintains the data and trains appropriate college personnel.

Transcript Information

Transcripts of a student's USF academic record may be released only by authorization of the student online at <http://usfonline.admin.usf.edu/> or in person or by writing to the Office of the Registrar. By law, requests must include the student's identification number, the date and the student's signature or must be affected online via the student's 6-digit self-assigned personal identification number (PIN), which is essentially the student's electronic signature. In order for transcripts to be issued, the student must have no financial obligations to the University. Transcripts are normally mailed/ready for pick-up within two working days after the request is received. USF Transcript Request forms are available in the following offices: Tampa Campus Registrar's Office, regional campuses' Records & Registration offices, and all campuses' Cashier's offices.

36 REGISTRATION

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Letter requests must include: (1) date of request and student's current address; (2) student ID number and full name; (3) name and complete address of recipient; and (4) number of copies and special instructions, such as, "hold for degree statement" or "hold for current term grades," and the student's signature. Degree statements are posted approximately four to six weeks after the graduation ceremony. Current term grades are posted approximately one week after the final exams end. If grades for the current term are needed, clearly indicate that the transcript request is to be held for grades.

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

Transcript Clerk, Registrar's Office
USF- SVC 1034
4202 E. Fowler Avenue
Tampa, FL 33620-6950

To order a transcript in person, hand-carry payment (check, money order or cash) and Request Form or letter to a USF Cashier's Office at any of the following Campus locations:

Tampa - ADM 131
St. Petersburg - Davis Hall, Rm. 129
Sarasota - Lobby, Building D
Lakeland (Drop Box) - Bldg. E, Rm. 2127

Transcript request forms are available in these locations. Students may complete the request process in one stop at the cashier's offices.

Note: Transcript fees are subject to change.

Student Records Policy

Pursuant to the provisions of the Family Educational Rights and Privacy Act ("FERPA"; 20 USC Par. 1232g), 34 CFR Par. 99.1 et seq, Florida Statutes Sub. Par. 228.093 and 240.237 and USF Rule 6C4-2.0021, Florida Administrative Code, students have the right to:

1. Inspect and review their education records
2. Privacy in their education records
3. Challenge the accuracy of their education records
4. Report violations of FERPA to the FERPA Office, Department of Education, 400 Madison Avenue, SW, Washington, D.C. 20202 and/or bring actions in Florida Circuit Court for violations of Rule 6C4-2.001, Florida Administrative Code.
5. Copies of the University's student records policy, USF Rule 6C4-2.0021, may be obtained from:
University Registrar or USF Agency Clerk
SVC 1034 Office of the General Counsel
4202 Fowler Avenue 4202 Fowler Avenue -ADM 254
Tampa, Florida 33620 Tampa, Florida 33620

Release of Student Information

Pursuant to requirements of the Family Educational Rights and Privacy Act (FERPA), the following types of information, designated by law as "directory information," may be released via official media of USF (according to USF policy):

Student name, local and permanent addresses, telephone listing, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, full- and part-time status, and the most recent previous educational agency or institution attended, and other similar information.

The *University Directory*, published annually by the University, contains only the following information, however: student name, local and permanent address, telephone listing, classification, and major field of study. The Directory and other listings of "directory information" are circulated in the course of University business and, therefore, are accessible to the public, as well as to students, faculty, and staff.

Students must inform the USF Office of the Registrar in writing (forms available for that purpose), if they wish directory information to be withheld. Such requests must be received within the first two (2) weeks of the semester and will remain in effect until the student has not been enrolled at USF for three (3) consecutive terms.

Notification to the University of refusal to permit release of "directory information" via the *University Directory* must be received no later than the end of the first week of classes in the Fall Semester.

Confidentiality Policy

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

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

Academic Record

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

Administrative Holds

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

Student Information Changes

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

ACADEMIC POLICIES AND PROCEDURES

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Academic Regulations and Information

Semester System

USF operates on a semester system. Semesters begin in August and January with Summer Sessions beginning in May and June. See Academic Calendar for appropriate dates.

Academic Load

The maximum load of an undergraduate student is 18 hours (Fall & Spring semesters) and 14 hours (Summer Term) unless approval is received from the dean or an authorized representative of the student's college. Students classified as Undecided must receive approval from the Center for Academic Advising. In the Fall or Spring Semester 12 hours is the minimum load for a student to be considered as full-time.

Full-time Undergraduate Student Definition - Summer Term Sessions "A" & "B" (6 weeks)

For Academic purposes 6 hours or more each session

For Financial aid purposes must enroll for 12 hours (undergraduate) in any combination of Sessions "A," "B" and "C." Session "C" (10 weeks)

For Academic purposes 9 hours or more

For Financial aid purposes must enroll for 12 hours (undergraduate) in any combination of Sessions "A," "B" and "C."

Students receiving Veterans' Administration benefits should confirm their Summer Term enrollment with the Office of Veterans' Services or Veterans' Coordinator.

Undergraduates may not enroll in 6000-level courses or higher without approval of the college/department in which the course is offered.

Availability of Courses

USF does not commit itself to offer all the courses, programs, and majors listed in this catalog unless there is sufficient demand to justify them. Some courses, for example, may be offered only in alternate semesters or years, or even less frequently if there is little demand.

Transfer of Credit To USF

USF will accept credits only from those institutions accredited by one of the accrediting agencies/commissions recognized by USF. However, USF reserves the right to deny credit for specific courses. The receipt and evaluation of total transfer credit are the responsibility of the Office of Admissions. The college of the student's major will determine which courses are applicable toward a specific degree and will assign equivalent courses (see Evaluation of Transfer of Credit under Admissions and Related Matters).

USF subscribes fully to all of the provisions of the statewide Articulation Agreement (Rule 6A-10.024) and strongly recommends that students complete the associate of arts degree, or in certain prior-approved areas the associate of science degree, before transferring. Special details for students who do not plan to complete the associate degree requirements are available from the Office of Admissions. Also, all transfer students should refer to other entries about undergraduate transfers in the Admissions section of this catalog.

Former Student Returning

The Office of Admissions will evaluate the acceptability of transfer of credits taken at regionally-accredited institutions

since last enrolled at USF. The college of the student's major will determine which courses are applicable for his/her major. In some instances, exact course equivalents will also be determined by other colleges that offer the same or similar course(s) as a part of their programs of study.

Continuously Enrolled Degree-Seeking Student

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

Declaration of Major

First-year students often enter the university undecided about their career plans and intended majors and that usually creates little difficulty for them. Many of the more than 90 majors at USF allow students considerable options in their early course choices. Conversely, many other majors, and often the most popular majors, require completion of particular courses within the first two years. For instance, students with majors in fine arts and engineering should begin specific coursework in their first year and are best served by declaring their majors upon entering the university. In other fields, such as nursing, natural and physical sciences, education, and business, students must satisfy state mandated course prerequisites and complete specific general education courses during the first two years to be admitted to those major as juniors and to allow graduation on a timely basis.

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

All students must be officially declared in a major or a pre-major before they register for more than 36 credits. Beginning Fall Semester 2005, FTIC students who will have completed 36 or more credits at the end of the term in which they are enrolled will not be allowed to register for further credit coursework at the university until they have declared a major or pre-major.

Transfer students, especially those who have completed 60 hours of work prior to transferring to USF, should declare their majors upon entry to the university. Transfer students who have not declared a major (or pre-major) and who have completed 75 or more credits of college coursework will not be allowed to register for further credit coursework at the university until they have declared a major or a pre-major. Students transferring in 75 or more credits will be required to declare a major (or pre-major) at the time of admission.

Many resources are made available by the university to assist students in making career decisions and choosing their majors. Information about these resources is readily available from academic advisors. All entering FTIC students who have not made a career/major decision upon entry to the university will be required to follow one of the multi-semester inquiry-based (for undecided) curriculums offered by the university and enroll in the University Experience or Career Development Process course.

College Level Academic Skills Test

The College Level Academic Skills Test (CLAST) is a part of Florida's system of educational accountability. CLAST is a

state-mandated achievement test that measures attainment of communication and mathematics skills expected of students completing their sophomore year in college. These skills were identified by the faculties of community colleges and state universities and ad-opted by the State Board of Education. A student must pass the CLAST or achieve alternate criteria to receive an Associate in Arts or a baccalaureate degree from any Florida public institution.

Please Note: CLAST exemptions or waivers are not acceptable for admission to or graduation from programs in the College of Education. Refer to the Office of Evaluation and Testing, SVC 2054, for the current policies on CLAST.

Students who have already earned a baccalaureate degree from a regionally-accredited institution are exempt from the CLAST requirement at USF.

The State Board of Education has established minimum CLAST score standards for awarding the Associate in Arts degree and for the baccalaureate degree from October 1, 1992 as follows: Reading, 295; English Language Skills, 295; Mathematics, 295; and Essay, 6.

CLAST may be taken by undergraduate, degree-seeking students who have earned 18 semester hours or the equivalent and who apply to take the test on or before the deadline established for registration. Students at USF are required to take the CLAST by the time they complete 45 semester hours. First-time-in-college and lower-level transfer students are encouraged to take the CLAST as early as possible. Transfer students should take the CLAST the first semester they are enrolled as degree-seeking students if they have already exceeded the 45 hours from previous institutions.

If the CLAST requirement has not been satisfied by the time a student completes 70 semester hours, the student may not register for classes until he/she has visited the following website: <http://www.usf.edu/clast/hold>. A course or method of preparation to remediate content covered in the failed subtest(s) will be selected and required. Further registration may be restricted for failure to attend the designated preparation.

If the CLAST requirement has not been satisfied after completing 60 hours of coursework, a student may enroll in up to 36 hours of additional 3000-4000 level coursework. At this point, course registration will be restricted to 1000 and 2000 level courses. **Information regarding appropriate CLAST preparatory options is available at <http://www.usf.edu/testing>.** Further registration at USF will be denied for failure to complete the required preparation.

Students may receive exemptions from the CLAST examination by achieving specific EACT or SAT-I scores, or by earning a 2.5 GPA in specific courses. Exemptions are awarded for the communication subtests of CLAST if an SAT-I Verbal score of 500 or an EACT English score of 21 and an EACT Reading score of 22 are achieved. Exemptions are awarded for the mathematics CLAST subtest if an SAT-I Mathematics score of 500 or an EACT Mathematics score of 21 is earned. Students receive exemptions from the CLAST communication subtests if a 2.5 GPA is achieved in at least six hours of ENC 1101 and ENC 1102. Exemptions from the CLAST mathematics subtest are issued when students have earned a 2.5 GPA in at least six hours of MAC 1105 or higher, MGF 1106 or higher and STA 1022 or higher. Any combination of these courses is permissible, providing only one statistics course is used to calculate the six-hour mathematics GPA.

Waivers from individual CLAST subtests are granted in two situations: 1) a specific documented learning disability prevents the student from achieving the skills set forth in SBE 6A-10.0316 (consult with Student Disability Services) and; 2) a student has successfully completed courses related to a specific subtest, but has failed to satisfy the CLAST requirement with a passing score or an exemption. After failing a CLAST subtest five times and successfully completing three terms of documentable preparation and a specific three-hour course related to the failed subtest, a student may apply for a waiver by submitting appropriate documentation to Evaluation and Testing (SVC 2054). A list of approved courses to satisfy this requirement is available

in Evaluation and Testing.

Courses to Satisfy Rule 6A-10.030 ("Gordon Rule")

Prior to receiving an Associate of Arts degree from a public community college or university or a Bachelor's degree from a public university, a student shall complete successfully the following in the areas of communication and computation:

1. Communication: Twelve semester hours of English courses in which a student is required to demonstrate writing skills. For the purpose of this rule, an English course is defined as any semester-length course within the general study area of the humanities in which the student is required to produce written work of at least 6000 words. In order to receive credit for fulfillment of 6A-10.030, students must receive a grade of "C-" or higher in each course (no "S" grades).

2. Computation: Six semester hours of mathematics coursework at the level of college algebra or above. For the purpose of this rule, applied logic, statistics and other such computation coursework, which may not be placed within a mathematics department, may be used to fulfill 3 hours of the 6 hours required by this section. In order to receive credit for fulfillment of 6A-10.030, students must receive a grade of "C-" or higher in each course (no "S" grades).

In order to follow the specifics of 6A-10.030, USF has designated the following courses in which the student may demonstrate the writing and mathematical skills as set forth in this rule.

Communication (12 semester hours)

AFA 2000	Introduction to the Black Experience [In Africa and Its Diaspora]	(3)
AFA 4150	Africa and the United States	(3)
AFA 4335	Black Women in America	(3)
AFS 2250	Culture and Society in Africa	(3)
AFS 3153	African Literature Survey	(3)
AMH 3510	U.S. Diplomatic History to 1898	(4)
AML 3604	African American Literature	(3)
AML 4303	Zora Neale Hurston: Major Works	(3)
AML 4624	Black Women Writers	(3)
AMS 3001	American Culture 1880-1915	(4)
AMS 3260	American Culture, 1830-1860	(4)
AMS 3370	Southern Women: Myth and Reality	(3)
ANT 4172	Historical Archaeology	(3)
ANT 4231	Folklore	(3)
ANT 4241	Magic and Religion	(3)
ANT 4340	The Caribbean	(3)
ANT 4432	The Individual and Culture	(3)
ANT 4620	Language and Culture	(3)
ANT 4750	Language and Social Interaction	(3)
ANT 4935	Rethinking Anthropology	(3)
ARC 4784	The City	(3)
ARH 4710	History of Photography	(4)
ARH 4721C	History of Printmaking	(3)
ARH 4724	History of Graphic Design	(4)
ARH 4792	Critical Studies In Art History	(4)
CCJ 4934	Seminar in Criminology	(3)
CHM 4070	Historical Perspectives in Chemistry	(3)
CIS 4250	Ethical Issues And Professional Conduct	(3)
CLA 3501	Women in Antiquity	(3)
CLT 3101	Greek Literature in Translation	(3)
CLT 3102	Roman Literature in Translation	(3)
COM 4020	Communicating Illness, Grief, and Loss	(3)
COM 4030	Women and Communication	(3)
COM 4710	Writing Lives	(3)
CRW 2100	Narration and Description	(3)
CRW 3111	Form and Technique of Fiction	(3)
CRW 3112	Fiction I	(3)
CRW 3121	Fiction II	(3)
DAN 2100	Introduction To Dance	(3)
DAN 4134	Dance History Through the 19th Century	(3)

EDF 3228	Human Behavior and Environmental Selection	(3)	PHP 4010	Aristotle	(3)
EEC 4008	Literature in Early Childhood Education	(3)	PHP 4740	The Rationalists	(3)
EEX 4742	Narrative Perspectives on Exceptionality: Cultural and Ethical Issues	(3)	PHP 4745	The Empiricists	(3)
EIN 4313C	Human Factors	(3)	PHP 4784	Analytical Philosophy	(3)
ENC 1101	Composition I	(3)	PHP 4788	Philosophy of Marxism	(3)
ENC 1102	Composition II	(3)	PHY 4031	Great Themes in Physics	(3)
ENC 1121	Composition I: Honors	(3)	POS 4413	The American Presidency	(3)
ENC 1122	Composition II: Honors	(3)	POS 4694	Women and Law II	(3)
ENC 2210	Technical Writing	(3)	POT 4109	Politics and Literature	(3)
ENC 3246	Communication for Engineers	(3)	PUP 4323	Women and Politics	(3)
ENC 3250	Professional Writing	(3)	REA 2105	Critical Reading and Writing	(4)
ENC 3310	Expository Writing	(3)	REL 3111	The Religious Quest in Contemporary Films	(4)
EVT 4651	Equity in Schools and the Workplace	(3)	REL 3114	Comedy, Tragedy, and Religion	(3)
FIL 2001	Film: The Language Of Vision	(4)	REL 3145	Women and Religion	(3)
FIL 3510	World Cinema	(4)	REL 3170	Religion, Ethics and Society Through Film	(4)
FRT 3140	French Literary Masterpieces in English Translation	(3)	REL 3308	World Religions	(3)
GEA 3405	Geography of Latin America	(4)	REL 3367	Islam in the Modern World	(3)
GEA 3500	Geography of Europe	(4)	REL 3465	Religion and the Meaning of Life	(3)
GEO 4372	Global Conservation	(4)	REL 3500	History of Christianity	(4)
GEY 3625	Sociocultural Aspects of Aging	(3)	REL 3561	Roman Catholicism	(3)
HIS 4936	Pro-Seminar in History	(4)	REL 3602	Classics of Judaism	(3)
HUM 4931	Seminar in Humanities	(4)	REL 3607	Introduction to Judaism	(3)
IDS 3115	Values and Choices	(3)	REL 3613	Modern Judaism	(3)
IDS 3663	Critical Issues Affecting the Arts	(3)	REL 4113	The Hero and Religion	(3)
IDS 3668	Images of Contemporary Urban Culture	(3)	REL 4171	Contemporary Christian Ethics	(4)
LAE 4414	Teaching Literature in the Elementary School, Grades K-6	(3)	REL 4177	Comparative Religious Ethics	(4)
LAE 4416	Teaching Literature and Writing in the Elementary Grades	(3)	REL 4215	Ancient Israel and the Development of the Hebrew Bible	(3)
LAE 4464	Adolescent Literature for Middle and Secondary Students	(3)	REL 4217	Who Wrote the Bible (Genesis-Kings)	(4)
LIN 3801	Language and Meaning	(3)	REL 4218	Women and the Bible	(3)
LIT 2000	Introduction to Literature	(3)	REL 4670	Judaism and Christianity After the Holocaust	(4)
LIT 2010	Introduction to Fiction	(3)	RUS 3500	Russian Civilization	(3)
LIT 2030	Introduction to Poetry	(3)	RUT 3110	Russian Classics in English	(3)
LIT 2040	Introduction to Drama	(3)	RUT 3111	Twentieth-Century Russian Literature in English	(3)
LIT 3101	Literature of the Western World Through the Renaissance	(3)	SCE 4236	Science, Technology, Society Interaction	(4)
LIT 3102	Literature of the Western World Since the Renaissance	(3)	SPC 3425	Group Communication	(3)
LIT 3103	Great Literature of the World	(3)	SPC 4305	Communicating Emotions	(3)
LIT 3144	Modern European Novel	(3)	SPC 4632	Rhetoric and Social Change	(3)
LIT 3155	Modern Literature	(3)	SYA 3310	Qualitative Inquiry	(4)
LIT 3301	Cultural Studies and the Popular Arts	(3)	SYP 4420	Consumer Culture	(3)
LIT 3383	The Image of Women in Literature	(3)	THE 4174	New British Theatre and Drama	(3)
LIT 3451	Literature and the Occult	(3)	THE 4180	Theatre Origins	(3)
LIT 4386	British and American Literature by Women	(3)	THE 4320	Theatre of Myth and Ritual/Northern European (950-1600) & Oriental (400-1200)	(3)
MUL 2111	Introduction To Music Literature	(3)	THE 4330	Shakespeare for The Theatre	(3)
NGR 6121	Theoretical Basis Of Advanced Practice Nursing	(3)	THE 4360	The 19th Century Theatre Revolution	(3)
NGR 6135	Ethical, Legal, and Policy Issues in Advanced Nursing Practice	(3)	THE 4401	American Drama	(3)
NUR 4194	An Interdisciplinary Perspective in HIV Disease	(3)	THE 4434	Caribbean Theatre	(3)
NUR 4645	Substance Abuse Across the Lifespan	(3)	THE 4435	Theatre of Pluralism	(3)
PAD 4144	Nonprofit Organizations and Public Policy	(3)	THE 4442	Comedy of the Classic and Neo-Classic Stage	(3)
PET 4933	Seminar in Sports Medicine	(3)	THE 4562	Contemporary Performance Theory	(3)
PHH 2000	Introduction to Philosophy	(3)	WST 3210	European Feminist History: Pre-18th Century	(3)
PHH 4600	Contemporary Philosophy	(3)	WST 4262	Literature by Women of Color in the Diaspora	(3)
PHH 4700	American Philosophy	(3)	WST 4310	History of Feminism in the U.S.	(3)
PHI 1401	Science and Society	(3)	WST 4410	Third World Women Writers	(3)
PHI 3700	Philosophy of Religion	(3)			
PHI 4300	Theory of Knowledge	(3)			
PHI 4320	Philosophy of Mind	(3)			
PHI 4800	Aesthetics	(3)			
PHM 3100	Social Philosophy	(3)			
PHM 4331	Modern Political Philosophy	(3)			
PHM 4340	Contemporary Political Philosophy	(3)			
PHP 3786	Existentialism	(3)			
PHP 4000	Plato	(3)			

All the above courses will require 6,000 written words per course. IDH courses will fulfill the writing requirement for all University Honor students only.

Computation (6 semester hours)

Any courses offered by the Mathematics Department may be used. Only one course from the following list (some of which are not in the Mathematics Department) may be used.

Course Number and Title	Semester Hours
CGS 2060 Introduction to	

Computers and Programming in Basic	(3)
PHI 2101 Introduction to Formal Logic	(3)
PSY 3204 Psychological Statistics	(3)
QMB 2100 Business and Economics Statistics I	(3)
STA 2023 Introduction to Statistics	(4)
STA 2122 Social Science Statistics	(3)

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

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

Grades, Scholarship Requirements, and Review Procedures

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

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

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

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

Plus/minus Grades

A+		4.00
A	Excellent performance	4.00
A-		3.67
B+		3.33
B	Good performance	3.00
B-		2.67
C+		2.33
C	Average performance	2.00
C-		1.67
D+		1.33
D	Poor performance	1.00
D-		0.67
F	Failure	0.00

Other Grades

E	Course repeated, not included in GPA
FF	Failure/academic dishonesty
I	Incomplete
IF	Incomplete grade changed to Failure
IU	Incomplete grade changed to Unsatisfactory
M	No grade submitted by instructor
MF	Missing grade changed to Failure
MU	Missing grade changed to Unsatisfactory
N	Audit
S	Satisfactory
U	Unsatisfactory
W	Withdrawal from course without penalty
WC	Withdrawal for extenuating circumstances
Z	Indicates continuing registration.

Please note that the grade of C- will satisfy specified minimum requirements of the Gordon Rule courses and the common prerequisites unless otherwise specified in the Catalog.

Grade Point Average

The University uses the quality points listed above. The grade-point average (GPA) is computed by dividing the total number of quality points by the total hours attempted at USF. The total quality points are figured by multiplying the number of credits assigned to each course by the quality point value of the grade given. Credit hours for courses with grades of I, IU, M, MU, N, S, U, W, Z, and grades that are preceded by a "E" are subtracted from the total hours attempted before the GPA is calculated.

Credit hours for repeated USF coursework will be awarded only once per course unless the course is a university-approved repeatable course. "D" and "F" grades, however, for repeated USF coursework will be counted in the computation of the student's GPA as many times as those grades for that course are recorded. If a student originally earns a "C" or higher in a course that may not be repeated for additional credit and earns a "C" or higher on a subsequent enrollment the new grade is not computed in the USF GPA unless the forgiveness policy is being applied.

"I" Grade Policy

An "I" grade indicates incomplete coursework and may be awarded to graduate and undergraduate students. (Undergraduate rules apply to non-degree-seeking students.) It may be awarded to an undergraduate student only when a small portion of the student's work is incomplete and only when the student is otherwise earning a passing grade. Until removed, the "I" is not computed in the GPA for either undergraduate or graduate students. The time limit for removing the "I" is to be set by the instructor of the course. For undergraduate students, this time limit may not exceed two academic semesters, whether or not the student is in residence, and/or graduation, whichever comes first. "I" grades not removed by the end of the time limit will be changed to "IF" or "IU," whichever is appropriate. If an instructor is willing, he or she may accept work from a student after an I grade has changed to an IF or IU grade, and assign the student a final grade in the course, unless the student has graduated. Whether or not the student is in residence, any change to "IF" grades will be calculated in the cumulative GPA and, if applicable, the student will be placed on appropriate probation or academically dismissed. **Students are not required to re-register for courses in which they are only completing previous course requirements to change an "I" grade.** However, if a student wants to audit a course for review in order to complete course requirements, full fees must be paid.

"M" Grade Policy

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

S/U Grade System

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

Option Courses. Any undergraduate course may be taken on an S/U basis by a student under the following conditions and restrictions:

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

Mechanism for Assigning S/U Grades. The method by which a student receives an "S" or "U" grade in an option course will consist of the following:

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

Grade Forgiveness Policy

USF's forgiveness policy permits an undergraduate to repeat a course and have the repeated grade computed in his/her GPA in place of the original grade, providing the repeat grade is "D" or higher (exception - see Honors at Graduation). A course that is repeated and the repeat grade is "F" will have both grades calculated into the GPA. Normally, grade forgiveness may only be applied to a specific course that a student chooses to repeat. No course taken on the S/U grade basis may have the grade forgiveness applied. Under unusual circumstances, a different but similar course may be used if the substitute course has been previously approved by the college dean and is on file in the Office of the Registrar.

The grade forgiveness policy cannot apply to any course in which the grade of "FF" has been recorded.

Any undergraduate or non-degree seeking student who wishes to implement grade forgiveness must:

1. Complete a "Grade Forgiveness Request Form" (available in the Office of the Registrar) for each course to be repeated.
2. Adhere to the following conditions:
 - a. A limitation of applying grade forgiveness to three USF courses with no more than one repeat per course.
 - b. With prior approval of the college dean, a course different from a course on the approved list may be substituted in the following cases:
 - (1) The substitute course is a change in prefix, number,

hours, or title, but not a substantive change in content from the original course.

- (2) The substitute course replaces a course no longer offered by the institution.
- c. The repeated course must be taken under the standard grading system (A-F) and the latest grade must be D/D- or higher (grades of S/U are not permitted).
- d. All grades remain on the transcript. The original course grade will be annotated with "E" to indicate that the course has subsequently been repeated and the original grade is not computed in the GPA.
- e. Individual colleges may have further restrictions; therefore, the student should consult with his/her college.

This policy is applicable to undergraduate and non-degree-seeking students only, and applies to 1000-to-5000-level courses. Once students have been awarded a bachelor's degree from USF, they may not repeat a course and be forgiven the original grade, taken prior to graduation.

The policy applies only to courses taken originally at USF and repeated at USF.

Good Standing

USF students will be considered in Good Standing if they are currently enrolled or eligible to return to USF.

Academic Record

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

Academic Probation and Academic Dismissal for Undergraduate Students

The first time the academic record of an undergraduate or non-degree seeking student falls below a cumulative 2.00 grade point average (GPA), counting only USF grades, he/she will be placed on Academic Probation (AP). If the cumulative GPA is not raised to 2.00 or higher at the end of the next term of enrollment, the student will be placed on Final Academic Probation (FP). A student on Final Academic Probation who fails to raise his/her cumulative USF GPA to 2.00 or higher at the end of the next term of enrollment will be Academically Dismissed (AD) from the university.

A student admitted to the university on probationary status will be placed on Academic Probation (AP) his/her first term with the above rules related to Final Academic Probation and Academic Dismissal applying. Academic advising prior to registration is mandatory until the student is removed from probationary status.

Any student who withdraws after the fifth day of classes while on Academic Probation will be placed on Final Academic Probation. Any student who withdraws after the fifth day of classes while on Final Academic Probation or who has been placed on Conditional Readmission by the Academic Regulations Committee will be Academically Dismissed.

The determination and notification of probationary status or academic dismissal will be made by the Registrar's Office on the student's semester grade report and academic record.

A student who attends another college or university during academic dismissal will be classified as a transfer student and readmission will be based on the total record accumulated from all colleges and universities attended.

If a student who has accumulated fewer than 60 semester hours is academically dismissed from USF or falls below a 2.0 GPA and subsequently achieves an A.A. degree or an articulated A.S. degree from a Florida public community/junior college (or other SUS institution), that student, when returning to the University, will return with the USF GPA earned prior to dismissal unless he/she exercises the option of Academic Renewal I as provided in this catalog.

If a student who has accumulated 60 or more semester hours is academically dismissed from USF or falls below a 2.0 GPA and subsequently receives an A.A. or an articulated A.S. from a Florida public community/junior college (or other SUS institu-

42 ACADEMIC POLICIES AND PROCEDURES

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

tion), that student, when returning to the University, will begin with the USF GPA earned prior to dismissal unless he/she exercises the option of Academic Renewal II as provided in this catalog:

If a student is academically dismissed or falls below a 2.0 GPA from USF and subsequently receives a BA/BS from another four-year institution, that student, when accepted to the University with the post-baccalaureate status, will have his/her academic record cleared.

The posting of the AA shall not remove the previous GPA generated at USF for a student who has earned credit at USF and is academically eligible to return to the university and who subsequently receives an A.A. from a community college.

Academic Renewal

USF recognizes that not every student's academic record is flawless and that many times students get off to such a poor start that their future academic opportunities are limited. USF can offer many of those students a second chance. The University's Academic Renewal policy allows students, who provide evidence that they might now achieve academic success, to renew their pursuit of baccalaureate degrees without the burden of having to overcome all of the burden of low grades and low grade-point-averages that reflect academic work attempted in the past. To facilitate this opportunity, students who qualify for Academic Renewal may, with the approval of the Academic Regulations Committee, have portions of their academic record not counted in the determination of their grade point averages (GPAs) for graduation purposes. Their entire academic record, however, will continue to be reflected on their transcripts even though a selected portion will not be counted in their GPAs.

Academic Renewal I – Students with fewer than 60 credits: Students who were academically dismissed or on formal academic probationary status (institutional cumulative GPA of less than 2.00) but who otherwise were eligible to return to USF or other institutions of higher education prior to their successful completion of 60 transferable credits, may be admitted to the University with Academic Renewal after completing all requirements for the Associate in Arts degree or equivalent (including general education, Gordon Rule and CLAST requirements) at a two- or four-year college. Academic Renewal I students will enter USF as juniors and their USF grade point average will be calculated from that point forward. Such students will be required to earn 60 credits from USF, with a grade point average of at least 2.00 subsequent to the AA degree, in order to graduate from USF. They also may be excluded from admission to limited access programs. Further, students who exercise the Academic Renewal policy will not be considered for University Honors at graduation unless they meet the criteria using all grades earned.

Academic Renewal II – Students with 60 or more earned credits: Students who were academically dismissed (but who otherwise were eligible to return) from USF or other institutions of higher education after the successful completion of 60 transferable credits may be admitted to the University with Academic Renewal II if they are able to provide convincing evidence of changes that indicate they might be successful given a new opportunity. Normally, such students will have been engaged in successful non-academic activities such as work or the military for at least five years. Academic Renewal II students will be offered an opportunity to enter USF with all coursework and grades from up to three academic semesters (or equivalent) prior to their academic dismissal dropped from consideration in grade-point-average calculations at the University. How many (up to three) and which semesters are the decisions of the Academic Regulations Committee. Students utilizing the Academic Renewal II policy must earn a cumulative GPA of 2.00 in USF coursework attempted subsequent to Academic Renewal II, in order to graduate. Students who elect to exercise the Academic Renewal policy will not be allowed to use any credit earned during the academic terms from which courses are dropped from grade-point-average consideration toward meeting degree requirements at the University* and they may be

excluded from admission to limited access programs. Further, students who exercise the Academic Renewal policy will not be considered for University Honors at graduation unless they meet the criteria using all grades earned.

*Students who engage the Academic Renewal II policy will lose the credit they earned during the terms (up to three) they choose to exclude from GPA calculations. They will not necessarily have to repeat a course completed with a grade of "C" or higher to meet specific course requirements.

College Policies For Academic Progress

Colleges may determine and implement standards of academic progress for undergraduate students (majors in the college) in addition to those established by USF. Students who do not meet the academic standards of progress set by their colleges will be placed on probation and may be disenrolled. The college dean is responsible for implementing standards of academic progress and for notifying students of their probationary or disenrollment status.

Colleges may restrict the course selections and the number of hours a student may take that do not apply toward completion of degree requirements. Students who exceed this limit may have part or all of their registration canceled.

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

Class Standing

A student's class is determined by the number of credits he/she has earned without relation to his/her GPA.

0C Unclassified Non-degree-seeking students
1F Freshman 0 through 29 semester hours passed
2S Sophomore 30 through 59 semester hours passed
3J Junior 60 through 89 semester hours passed
4R Senior 90 or more semester hours passed;
however, no baccalaureate degree
earned here or elsewhere
5B Baccalaureate degree-holder working on a second
undergraduate program or degree
6M Graduate student admitted to Master's Degree Program
6A Graduate student admitted to Specialist Degree Program
6C Admitted to Candidacy
6D Graduate student admitted to a Doctoral Degree Program
7A-7D 1st-4th year professional program (M.D.) or post-
doctoral status

Admission to a College

All newly-admitted students must be advised initially by an academic advisor. All undecided students are assigned to the Center for Academic Advising for purposes of advising until a choice of major is made. At that time, he/she may enter the college containing the major department. Undecided students may remain in this classification until a maximum of 90 semester hours is earned. After that time, a major must be selected. New transfer students who have completed 90 or more hours may remain undeclared for a maximum of two terms following initial USF entry.

Change of Major

All undergraduate students desiring to change their major should consult the Advising Office in the old and new college(s) of their interest.

Final Examinations

Examinations in academic subjects are, for most courses, an integral part of the learning process and one part of a procedure for evaluating student performance and determining grades. USF requires certain standards for the examination process in order to protect the academic integrity of courses and the best interests of both the student and the instructor.

Testing in General: In each academic course, the student is expected to undergo a meaningful testing and evaluation that will reveal the student's intellectual growth in the subject matter

covered or otherwise reflect the achievement of the course objectives.

The instructor has the responsibility of maintaining a fair and impartial testing and examination procedure, has the right to define and structure the testing process, and shall not be restricted as to form, style or content of the examination. It is the policy of USF that all students facing an examination (of any type) shall have equal advance notice of the form and content of that examination. The University regards the routine use of all or part of the same formal examination for successive academic terms as unsound policy except when used with adequate safeguards such as a random selection of questions from a large pool. Use of an electronic device not specifically authorized by the instructor is not permitted during any examination. Such use may result in academic dishonesty or disruption of the academic process and will be handled as student violations.

Comprehensive Final Examinations: The last 6 days of the Fall and Spring semesters shall be set aside for final examinations, and any comprehensive final examination **must** be given during this designated period. If a segment examination is given in lieu of a comprehensive examination, the segment examination must be given in the period designated during final examination week. The period of two hours shall be allotted for each final examination. If a student has a direct conflict of scheduled examinations or has three or more examinations scheduled on the same day, the student may petition the appropriate instructor to reschedule one of the student's examinations. The final examination schedule shall be published in the same manner and place as the **Schedule of Classes**.

Dean's List

Full-time undergraduate students who demonstrate superior academic achievement during one semester will be honored on a "Dean's List." To be eligible for the Dean's List, a student must be in a "pool" (defined hereafter) and must complete 12 hours of graded (A-F) USF courses with no incomplete grades during the semester. The "pool" consists of all students who have registered for at least 12 hours of USF courses in a given semester. The Dean's List shall consist of the fewer of: 1) the upper 10% of the enrollment of the college or 2) students in the college with a USF 3.5 GPA or above (ties at the 90th percentile will be included in the honors group).

The dean of the college in which the student is majoring or the Dean of Undergraduate Studies for undeclared students will recognize this academic honor. Students who are eligible should contact their College Advising Office for information.

Academic Regulations Committee

The Academic Regulations Committee (ARC) meets regularly to review petitions submitted by undergraduate students to waive University academic regulations. Students must petition and secure approval of the committee to return to the University after having been academically dismissed or to waive academic deadlines.

Effective Fall, 1998, the University has implemented a statute of limitations on student petitions for retroactive adds, drops, withdrawals, and registration. A student will be limited to two calendar years (six academic semesters/terms) for such appeals whether the student is in attendance or not.

The committee normally meets once a week on Tuesday. To petition the committee, a student must secure the appropriate form from the Office of the Registrar and consult with the ARC representative from his/her college prior to submitting the petition form. Completed forms should be returned to the Office of the Registrar no later than the preceding Thursday, to be reviewed at the next week's meeting. Students will receive notification of the committee's action the following week.

Student Academic Grievance Procedures

I. **Purpose** - The purpose of these procedures is to provide all undergraduate and graduate students taking courses within the

University of South Florida an opportunity for objective review of facts and events pertinent to the cause of the academic grievance. Such review will be accomplished in a collegial, non-judicial atmosphere rather than an adversarial one, and shall allow the parties involved to participate. All parties will be expected to act in a professional and civil manner.

The procedures that follow are designed to ensure objective and fair treatment of both students and instructors. These guidelines are meant to govern all Colleges (exclusive of the College of Medicine which maintains its own procedures); however, as individual Colleges or campuses may have different levels of authority or titles, each student must obtain the specific designations used by each college or campus for levels of authority and titles in the process.

In the case of grade appeals, the University reserves the right to change a student's grade if it is determined at the conclusion of the grievance process that the grade given was incorrect. In such circumstances the Dean or Provost/Vice President for Academic Affairs or the Vice President for Health Sciences Center may file an administrative grade change. The term "incorrect" means the assigned grade was based on something other than performance in the course, or that the assignment of the grade was not consistent with the criteria for awarding of grades as described in the course syllabus or other materials distributed to the student. In the case of all other academic grievances the University reserves the right to determine the final outcome based on the procedures detailed herein.

II. **Terms and Guidelines** - An "**academic grievance**" is a claim that a specific academic decision or action that affects that student's academic record or status has violated published policies and procedures, or has been applied to the grievant in a manner different from that used for other students. Grievances may relate to such decisions as the assignment of a grade seen by the student as incorrect or the dismissal or failure of a student for his or her action(s). Academic grievances will not deal with general student complaints.

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

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

"**Dean**" shall mean a College Dean, the Dean of Undergraduate Studies, or the Dean of Graduate Studies, as indicated—or in all cases a "Dean's designee" appointed to handle academic grievances for the unit.

"**Time**" shall mean "**academic time**," that is, periods when university classes are in session. **The person vested with authority at the appropriate level may extend any of the time periods contained herein for good cause.** Any extensions must be communicated in writing to all parties. For the purposes of this policy, each step shall be afforded three (3) weeks as a standard time limit. When a department considers a grievance according to published departmental procedures approved by the College Dean and Provost, the time line specified in this academic unit's procedures will govern the process and no additional notice of time extension is needed.

"**Written communication**" shall mean communication by hard copy to the recipient's address of record.

The "**burden of proof**" shall be upon the student such that the student challenging the decision, action or grade assigned has the burden of supplying evidence that proves that the instructor's decision was incorrect. In considering grievances, decisions will be based on the preponderance of the evidence.

Neither party shall be entitled to bring "**legal representation**" to any actual grievance proceeding as this is an internal review of an academic decision.

As some Colleges may not have departments or some campuses may use different titles, the next level that applies to

that College shall be substituted. If the incident giving rise to a grievance occurs on the St. Petersburg campus, the approved policy on that campus shall govern.

III. Resolution at the Department Level

- A. The student shall first make a reasonable effort to resolve his or her grievance with the instructor concerned, with the date of the incident triggering the start of the process (i.e., the issuance of a grade; the receipt of an assignment), and the instructor shall accommodate a reasonable request to discuss and attempt to resolve this issue.
- B. If the situation cannot be resolved or the instructor is not available, the student shall file a notification letter within three weeks of the triggering incident to the department Chairperson/Director. This shall be a concise written statement of particulars and must include information pertaining to how, in the student's opinion, University policies or procedures were violated. The department Chairperson/Director shall provide a copy of this statement to the instructor.
- C. The department Chairperson/Director shall discuss the statement jointly or individually with the student and the instructor to see if the grievance can be resolved. If the department maintains its own grievance procedure,* it should be applied at this point. If the grievance can be resolved, the Chairperson/Director shall provide a statement to that effect to the student and the instructor with a copy to the College Dean.
- D. If the grievance cannot be resolved, the department Chair/Director shall notify both the student and the instructor, informing the student of his/her right to file a written request within three weeks to advance the grievance to the College Level. The instructor may file a written response to the grievance petition. Upon receipt of the student's request to move the process to the College Level and the instructor's response to the grievance (if provided), the Chairperson/Director shall immediately notify the College Dean of the grievance, providing copies of the student's initiating grievance statement, any instructor's written response to the grievance, and the written request from the student to have the process advanced to the College Level. Should the student not file a written request to move the grievance to the College Level within the prescribed time, the grievance will end.

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

* Departments may develop their own formal procedures for considering grievances. Such procedures must be considered and approved by the College Dean and the Provost, and published on the Department's web site. When such procedures exist, the Department's examination of the grievance will unfold as specified in the procedures. If the Departmental process upholds the student's grievance, the Department Chair will work with the College, the student and the instructor to remedy the situation. If the Department does not uphold the grievance, the Chair will report the fact to the Dean. The student may, in such cases, request the College Level review as outlined in these university procedures.

IV. Resolution at the College Level

- A. Upon receipt of the grievance, the College Dean shall either determine that the matter is not an academic grievance and dismiss it or within three weeks shall establish an Academic Grievance Committee. The membership of the Committee shall be constituted as follows:
 1. Three (3) faculty members and two (2) students (undergraduate or graduate as appropriate to the case) shall be selected from the college by the Dean.
 2. Wherever practical, the Committee shall include neither members of the faculty nor students of the department

directly involved with the grievance, nor faculty nor students of the student's major department. However, if requested by the department, committee, or participants, faculty or students from the department involved with the grievance or from the student's major department may provide expert or other relevant testimony in the proceedings.

- B. The Committee will operate in the following manner:
 1. The Committee Chairperson will be appointed by the College Dean from among the three faculty members appointed to the Committee.
 2. The Committee Chairperson shall be responsible for scheduling meetings, overseeing the deliberations of the committee and ensuring that full and fair consideration is provided to all parties. The Committee Chairperson shall vote on committee decisions only when required to break a tie.
 3. All deliberations shall be in private and held confidential by all members of the Committee and those involved in the proceedings. The recommendation of the Committee shall be based on the factual evidence presented to it.
 4. Within three weeks of the Committee appointment, the Committee Chairperson shall deliver in writing to the student, instructor, department Chairperson/Director or Program Director, and College Dean a report of the findings and a recommended resolution.
 5. Within three weeks of receipt of the Committee recommendation, the College Dean shall provide a decision in writing to all parties.
 6. The student or the instructor may appeal the decision of the College Dean to the University Level only if the decision of the College Dean is contrary to the recommendation of the Committee or if there is a procedural violation of these Student Academic Grievance Procedures. Such an appeal must be made in writing to the Dean of Undergraduate Studies or Graduate Studies (as appropriate) within three weeks of receipt of the decision from the College Dean. Otherwise, the College Dean's decision is final and not subject to further appeal within the University.

V. Resolution at the University Level:

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

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

Chairperson shall deliver in writing to the Undergraduate/Graduate Dean a report of the findings of the Committee and a recommended resolution.

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

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

These procedures shall take effect commencing Fall Semester, 2005, and shall supercede all other academic grievance procedures currently in effect, with the exception of the procedures of the College of Medicine.

Procedures for Alleged Academic Dishonesty or Disruption of Academic Process

Alleged violations of academic dishonesty or alleged disruptions of academic process will be handled initially by the instructor, who will discuss the incident with the student. It must be noted that the Faculty Senate considers the traditional relationship between student and faculty member as the primary means of settling disputes that may arise. If the instructor observes the alleged dishonesty occurring during an examination, he/she should, with discretion, notify the student of the fact before the student leaves the examination. In all cases, the instructor must attempt to schedule a meeting with the student to discuss the alleged dishonesty or disruptions.

After the discussion, if the student and instructor have reached a mutual agreement as to the solution, the instructor shall file a statement with the chairperson of the department or equivalent, e.g. campus dean, responsible for the course outlining the facts of the incident and the agreed-upon solution signed by both the instructor and student. A copy of this statement shall be given to the student. If no solution is reached, the matter should be referred to the chairperson of the department or the equivalent, e.g. campus dean, for attempt at resolution.

Academic Dishonesty

Students attending USF are awarded degrees in recognition of successful completion of coursework in their chosen fields of study. Each individual is expected to earn his/her degree on the basis of personal effort. Consequently, any form of cheating on examinations or plagiarism on assigned papers constitutes unacceptable deceit and dishonesty. Disruption of the classroom or teaching environment is also unacceptable. This cannot be tolerated in the University community and will be punishable, according to the seriousness of the offense, in conformity with this rule.

Plagiarism

Plagiarism is defined as "literary theft" and consists of the unattributed quotation of the exact words of a published text, or the unattributed borrowing of original ideas by paraphrase from a published text. On written papers for which the student employs information gathered from books, articles, web sites, or oral sources, each direct quotation, as well as ideas and facts that are not generally known to the public at large, or the form, structure, or style of a secondary source must be attributed to its author by means of the appropriate citation procedure. Only widely known facts and first-hand thoughts and observations original to the student do not require citations. Citations may be made in footnotes or within the body of the text. Plagiarism also consists of passing off as one's own segments or the total of another person's work.

1. Examples of proper citation (footnote format) are as follows [Footnoting/citation styles will depend upon those used by different academic disciplines. Many disciplines in the Natural Science areas, for example, will cite the sources within the body of the text.]

a. "Plagiarism, from a Latin word meaning 'kidnapping,'

ranges from inept paraphrasing to outright theft." 1[Direct quotation] 1Harry Shaw, *Concise Dictionary of Literary Terms* (McGraw-Hill, 1972), pp. 209-210.

b. As Harry Shaw states in his *Concise Dictionary of Literary Terms*, "Plagiarism, from a Latin word meaning 'kidnapping,' ranges from inept paraphrasing to outright theft." 1[Direct quotation with an introductory statement citing the source.] 1(McGraw-Hill, 1972), pp. 209-210.

c. Plagiarism is literary theft. To emphasize that point, Harry Shaw states that the root of the word comes from the Latin word meaning "kidnapping." 1[Paraphrasing] 1*Concise Dictionary of Literary Terms* (McGraw-Hill, 1972), pp. 209-210.

d. In defining plagiarism, "Strategies for Teaching with Online Tools" suggests that visibility makes intellectual theft less probable. 1[Paraphrasing a Web site] 1<http://bedfordstmartins.com/technotes/hccworkshop/plagiarism.htm>

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

a. Shaw (1972) states that the root of the word comes from the Latin word meaning "kidnapping." [Paraphrasing; complete information about source will be cited in a section at the close of the text.]

b. Shaw (1972) was correct when he stated that "plagiarism, from a Latin word meaning 'kidnapping,' ranges from inept paraphrasing to outright theft." [Quotation; complete information about source will be cited in a section at the close of the text.]

c. Plagiarism.org suggests that a searchable database of papers might assuage what Shaw called a "kidnapping" of intellectual content. [Paraphrasing of a Web site; the complete information on the Web site will appear in the works cited section.]

3. The following are examples of plagiarism because sources are not cited and appropriate quotation marks are not used:

a. Plagiarism, from a Latin word meaning "kidnapping," ranges from inept paraphrasing to outright theft.

b. Plagiarism comes from a Latin word meaning "kidnapping" and ranges from paraphrasing to theft.

c. Plagiarism ranges from inept paraphrasing to outright theft.

d. Visibility online makes plagiarism much more difficult for the would-be thief.

Punishment Guidelines for Plagiarism:

The student who submitted the subject paper, lab report, etc., shall receive an "F" with a numerical value of zero on the item submitted, and the "F" shall be used to determine the final course grade. It is the option of the instructor to assign the student a grade of F or FF (the latter indicating dishonesty) in the course.

Cheating

Cheating is defined as follows: (a) the unauthorized granting or receiving of aid during the prescribed period of a course-graded exercise: students may not consult written materials such as notes or books, may not look at the paper of another student, nor consult orally with any other student taking the same test; (b) asking another person to take an examination in his/her place; (c) taking an examination for or in place of another student; (d) stealing visual concepts, such as drawings, sketches, diagrams, musical programs and scores, graphs, maps, etc., and presenting them as one's own; (e) stealing, borrowing, buying, or disseminating tests, answer keys or other examination material except as officially authorized, research papers, creative papers, speeches, other graded assignments, etc. (f) Stealing or copying of computer programs and presenting them as one's own. Such stealing includes the use of another student's program, as obtained from the magnetic media or interactive terminals or from cards, print-out paper, etc.

Penalties for Academic Dishonesty:

Penalties for academic dishonesty will depend on the seriousness of the offense and may include assignment of an "F" or a numerical value of zero on the subject paper, lab report, etc., an "F" or an "FF" grade (the latter indicating academic dishonesty) in the course, suspension or expulsion from the University. A student who receives an "FF" grade may not use the university's Grade Forgiveness Policy if the course is subsequently repeated. An "FF" grade assigned to indicate academic dishonesty is reflected only on internal records and prevents the student from repeating the course using the Grade Forgiveness Policy. If a student who has been accused of academic dishonesty drops the course, the student's registration in the course will be reinstated until the issue is resolved. Procedures for student notification and the option of appeal concerning the academic dishonesty remain with the instructor and/or department chair. (See Procedures for Alleged Academic Dishonesty or Disruption of Academic Process.) Notice that a student has been dismissed for reasons of academic dishonesty will be reflected on the student's transcript with the formal notation: Dismissed for Academic Dishonesty.

For the first "FF" recorded in a student's USF academic record, the student will receive a letter from the Dean of Undergraduate Studies informing him or her of being placed on "Academic Dishonesty Warning" for the remainder of enrollment at USF and of appeal rights for the "FF" grade. Students with any "FF" grade on record will not be eligible for honors at graduation.

For the second "FF" recorded, the student will be suspended for one full semester and readmitted only after writing a clear statement indicating remorse, understanding of the seriousness of the offense, and understanding of the importance of integrity in all areas, including academic work. A letter informing him or her of this action and appeal rights will be sent from the Dean of Undergraduate Studies.

For the third "FF" recorded, the student will be permanently dismissed from the university for violations of academic integrity and with notice of that dismissal as a part of the formal record and transcript.

Note that the maximum penalty for receipt of any "FF" grade may be permanent dismissal from the university for violations of academic integrity and with a notice of that dismissal as a part of the student's formal record and transcript.

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

- For observation of or exchanging test information with other students during the course of a classroom test, the students who receive or give such information may receive an "F" with a numerical value of zero on the test, and the "F" shall be used to determine the final course grade. It is the option of the instructor to fail the student in the course and assign an "F" or "FF" grade for the course.
- For the use of any prohibited device, such as a cheat sheet, recording, calculator if forbidden on exam, etc., during the course of a classroom test to assist the student or other students, the student using such prohibited device may receive an "F" or "FF" in the course.
- For the use of another student, a stand-in, to take an examination for the enrolled student, it is suggested that the enrolled student receive an "F" or "FF" in the course and be suspended from school for one year and that the stand-in, if a University student, be suspended from school for one year.
- For stealing, borrowing, or buying of research papers, creative works, speeches or tests and other exam materials, or other graded assignments, or the dissemination of such materials, or the manipulation of recorded grades in a grade book or other class records, the student, if enrolled in the course, may receive an "F" or "FF" in the course and may be expelled from the University.
- It is suggested that students who plagiarize or receive or give stolen computer programs receive an "F" with a numerical value of zero on the assignment, program or programs, and the "F" be used to determine the final course grade. It is the

option of the instructor to fail the student in the course and assign an "F" or "FF" grade for the course.

Disruption of Academic Process

Disruption of academic process is defined as the act or words of a student in a classroom or teaching environment which in the reasonable estimation of a faculty member: (a) directs attention from the academic matters at hand, such as noisy distractions; persistent, disrespectful or abusive interruptions of lecture, exam or academic discussions, or (b) presents a danger to the health, safety or well being of the faculty member or students.

Punishment Guidelines for Disruption of Academic Process:

Punishments for disruption of academic process will depend on the seriousness of the disruption and will range from a private verbal reprimand to dismissal from class with a final grade of "W," if the student is passing the course, shown on the student record. If the student is not passing, a grade of "F" will be shown on the student record. Particularly serious instances of disruption or the academic process may result in suspension or permanent expulsion from the University.

Hearings

Emergency Hearings. An expedited emergency hearing may be held before an academic administrator appointed by the dean or by the appointed academic committee in cases that involve the safety, health or welfare of any student or staff member.

Liberal Arts Requirements

All new USF students and Former Students Returning are required to take 45 semester hours to satisfy the complete liberal arts requirements. Thirty-six (36) semester hours will satisfy the general education course requirements and 9 semester hours will satisfy the exit requirements. Students seeking second baccalaureate degrees (those coded as 5B) are exempt from the 9 semester hour exit requirements. The requirements are distributed as follows:

General Education Requirements*	Sem. Hours
English Composition	6
Quantitative Methods	6
Natural Sciences	6
Social Sciences	6
Historical Perspectives	6
Fine Arts	3
African, Latin American, Middle Eastern or Asian Perspectives	3
	36
Exit Requirements*	
Major Works and Major Issues	6
Literature and Writing	3
	9

*Courses may be certified in more than one area, but students may use each course in **only** one (1) area.

LIBERAL ARTS GENERAL EDUCATION COURSE REQUIREMENTS
(36 Semester Hours)

English Composition: This requirement consists of a minimum of six (6) semester hours of approved course work in English Composition. Students may satisfy this requirement during the second semester freshman level of composition in the following ways: by earning a letter grade of "C-" or better at USF or another institution or by receiving AP or IB English credit. Students with satisfactory CLEP performance will satisfy part of the English Composition requirement, but they will still need to complete ENC 1102 or its equivalent. To satisfy the Gordon Rule, students must earn a letter grade of "C-" or better in each

of these courses.

Quantitative Methods: Competence in a minimum of six (6) semester hours of approved mathematics coursework (see the list below). These courses should include both a practical component-providing students with an appreciation of how course content relates to their everyday experiences, and an historical component-providing students with an understanding of the application of the material to other disciplines. To satisfy the Gordon Rule, students must earn a letter grade of "C-" or better in each of these courses.

Only the courses in the list below may be used to satisfy the General Education Quantitative Methods requirement. At least one course must have either an MAC or an MGF prefix. The other course may be any course in the list. To satisfy the Gordon Rule, students must earn a letter grade of "C-" or better in these courses.

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

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

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

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

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

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

All courses listed are certified as meeting the General Education requirement as of November, 2004. Additional courses may have been certified since that date. Please consult with an academic advisor for current and additional information.

LIBERAL ARTS GENERAL EDUCATION REQUIREMENT

ENGLISH COMPOSITION

ENC 1101	Composition I -6A	(3)
ENC 1102	Composition II -6A	(3)
ENC 1121	Composition I: Honors -6A	(3)
ENC 1122	Composition II: Honors -6A	(3)

QUANTITATIVE METHODS

MAC 1105	College Algebra -6A	(3)
MAC 1140	Precalculus Algebra -6A	(3)
MAC 1147	Precalculus Algebra and Trigonometry -6A	(4)
MAC 2233	Business Calculus -6A	(4)
MAC 2241	Life Sciences Calculus I -6A	(4)
MAC 2242	Life Sciences Calculus II -6A	(4)
MAC 2281	Engineering Calculus I -6A	(4)
MAC 2282	Engineering Calculus II -6A	(4)
MAC 2311	Calculus I -6A	(4)
MAC 2312	Calculus II -6A	(4)
MGF 1106	Finite Mathematics -6A	(3)
MGF 1107	Mathematics for Liberal Arts -6A	(3)
MGF 2131	Chaos and Fractals -6A	(3)
MGF 3301	Bridge to Abstract Mathematics -6A	(4)
PHI 2101	Introduction to Formal Logic -6A	(3)
PSY 3204	Psychological Statistics -6A	(3)
QMB 2100	Business And Economic Statistics I -6A	(3)
STA 1022	Basic Statistics -6A	(3)
STA 2023	Introductory Statistics I -6A	(4)
STA 2122	Social Science Statistics -6A	(3)

NATURAL SCIENCES

ANT 2511	Biological Anthropology	3
ANT 4586	Prehistoric Human Evolution	3
AST 2003	Astronomy of the Solar System	4
AST 2004	Stellar Astronomy and Cosmology	4
AST 3033	Contemporary Thinking in Astronomy	3
BMS 4402	Principles of Human Pharmacology	3
BSC 1005	Principles of Biology For Non-Majors	3
BSC 2010	Biology I - Cellular Processes	3
BSC 2011	Biology II - Diversity	3
BSC 2022	Biology of Aging	3
BSC 2025	Food: Personal and Global Perspectives	3
BSC 2030	Save The Planet: Environmental Sciences	3
BSC 2035	Sex and Today's World	3
BSC 2050	Environment	3
BSC 2085	Anatomy and Physiology I for Nursing and other Healthcare Professionals	3
BSC 2086	Anatomy and Physiology II for Nursing and other Healthcare Professionals	3
CHM 2021	Chemistry For Today	4
CHM 2045	General Chemistry I	3
CHM 2046	General Chemistry II	3
EVR 2001	Introduction to Environmental Science	3
GEO 2200	Introduction to Physical Geography	3
GEO 2371	Introduction to Earth Systems Science	3
GEO 4244	Tropical Meteorology	4

GLY 2000	Earth and Environmental Systems	3	MMC 3602	Mass Communications and Society	3
GLY 2010	Dynamic Earth: Introduction to Physical Geology	3	PAD 3003	Introduction to Public Administration	3
GLY 2030	Hazards of the Earth's Surface: Environmental Geology	3	PHI 1103	Critical Thinking	3
GLY 2040	Origins: From the Big Bang to the Ice Age	3	PHI 1401	Science and Society -6A	3
GLY 2050	Science, Earth and Life	3	PHI 1600	Introduction to Ethics	3
GLY 2100	History of the Earth and Life	3	PHI 2630	Contemporary Moral Issues	3
ISC 1004	Integrated Natural Sciences I: Science that Matters	3	PHI 2631	Ethics and Business	3
ISC 1005	Integrated Natural Sciences II: Science that Matters	3	PHI 3640	Environmental Ethics	3
OCE 2001	Introduction to Oceanography	3	PHI 3700	Philosophy of Religion -6A	3
PHI 1401	Science and Society -6A	3	PHM 3100	Social Philosophy -6A	3
PHY 2020	Conceptual Physics	3	POS 2080	The American Political Tradition	3
PHY 2048	General Physics I	3	PSY 2012	Introduction to Psychological Science	3
PHY 2049	General Physics II	3	PSY 3017	Psychological Science II	3
PHY 2053	General Physics I	3	REL 2300	Introduction to World Religions	4
PHY 2054	General Physics II	3	REL 3101	Religion and Popular Culture	3
PHY 2515	Energy and Humanity	3	REL 3111	The Religious Quest in Contemporary Films -6A	4
SOCIAL SCIENCES			REL 3116	Religion and Contemporary American Holidays	3
AFA 4150	Africa and the United States -6A	3	REL 3117	Religion and Contemporary American Sports	3
AFS 3251	Environmental - Cultural Study in Africa	3	REL 3170	Religion, Ethics and Society Through Film -6A	4
AMS 2030	Introduction to American Studies	3	REL 3308	World Religions -6A	3
AMS 3601	Material Culture and American Society	3	REL 3318	Introduction to Chinese Religion	3
AMS 3700	Racism in American Society	3	REL 3330	The Religions of India	3
ANT 2000	Introduction to Anthropology	4	REL 3607	Introduction to Judaism -6A	3
ANT 2410	Cultural Anthropology	3	SOP 3742	Psychology of Women	3
ANT 3101	Archaeology	3	SOW 3203	The American Social Welfare System	3
ANT 3610	Anthropological Linguistics	3	SPA 3002	Introduction to Disorders of Speech and Language	3
ASH 3404	Modern China	4	SPC 2541	Persuasion	3
ASN 3012	Japan Today	3	SPC 2600	Public Speaking	3
CCJ 3003	Crime and Justice in America	4	SPC 3301	Interpersonal Communication	3
CCJ 3024	Survey of the Criminal Justice System	3	SPC 3710	Communication and Cultural Diversity	3
CLP 2001	Psychology of Adjustment	3	SYD 3700	Racial and Ethnic Relations	3
COM 2000	Introduction to Communication	3	SYG 2000	Introduction to Sociology	3
CPO 2002	Introduction to Comparative Politics	3	SYG 2010	Contemporary Social Problems	3
CPO 4034	Politics of the Developing Areas	3	SYP 3000	Social Psychology	3
CPO 4204	Government and Politics of Africa	3	WST 2600	Human Sexual Behavior	3
DEP 3103	Child Psychology	3	WST 3015	Introduction to Women's Studies	3
ECO 1000	Basic Economics	3	WST 3311	Issues in Feminism	3
ECO 2013	Economic Principles (Macroeconomics)	3	WST 3440	Women and Social Action	3
ECO 2023	Economic Principles (Microeconomics)	3	HISTORICAL PERSPECTIVE		
EGN 3615	Engineering Economics with Social and Global Implications	3	AFA 4150	Africa and the United States -6A	3
EUS 3000	Europe	3	AFA 4502	Middle Passage	3
EUS 3022	Russia	3	AFH 3100	African History to 1850	3
FRE 4392	African Images in Francophone Film	3	AFH 3200	African History since 1850	3
GEA 2000	World Regional Geography	4	AMH 2010	American History I	3
GEB 2350	Doing Business Around the World	3	AMH 2020	American History II	3
GEO 1930	Geography of Current Events	4	AMH 3571	African American History to 1865	3
GEY 2000	Introduction to Gerontology	3	AMH 3572	African American History since 1865	3
GEY 3625	Sociocultural Aspects of Aging -6A	3	AML 3413	Historical Perspectives in Early American Literature	3
GEY 4612	Psychology of Aging	3	AMS 2030	Introduction to American Studies	3
GEY 4628	Minority Aging	3	AMS 2201	Colonial American Culture	3
GEY 4641	Death and Dying	3	AMS 2212	Nineteenth-century American Culture	3
GEY 4647	Ethical and Legal Issues of Aging	3	AMS 2270	Twentieth-century American Culture	3
HSC 2100	Contemporary Health Science	3	AMS 3001	American Culture 1880-1915 -6A	4
HSC 2133	Sex, Health, and Decision-Making	3	AMS 3210	Regions of America	4
IDS 2664	Social Science Perspectives I	3	AMS 3260	American Culture, 1830-1860 -6A	4
IDS 2665	Social Science Perspectives II	3	AMS 3370	Southern Women: Myth and Reality -6A	3
IDS 2933	Selected Topics III	3	AMS 3601	Material Culture and American Society	3
IDS 2934	Selected Topics IV	3	AMS 3700	Racism in American Society	3
INP 2101	Applied Psychology	3	ARC 2211	Introduction to Architecture	3
INR 1015	World Perspective	3	ARC 2701	Architectural History I	3
INR 3038	International Wealth and Power	3	ARC 2702	Architectural History II	3
INR 3084	International Terrorism	3	ARH 2050	History of Visual Arts I	3
INR 4403	International Law	3	ARH 2051	History of Visual Arts II	3
INR 4502	International Organizations	3	ARH 3001	Introduction To Art	4
ISS 1101	Knowledge and Society	3	ARH 3475C	Contemporary Issues in Art	4
ISS 1102	Self and Society	3	ASH 3404	Modern China	4
ISS 1103	Nature and Culture	3			

CLA 3103	Greek Civilization	3	Enlightenment to the Present	3	
CLA 3123	Roman Civilization	3			
CLT 3370	Classical Mythology	3	FINE ARTS		
EGN 2031	History of Technology	3	AFS 3251	Environmental - Cultural Study in Africa	3
EGN 2082	History of Electrotechnology	3	ARC 2131	Introduction to Architectural Design and Graphics	4
ENL 3334	Shakespeare from an Historical Perspective	3	ARC 2211	Introduction to Architecture	3
EUH 2011	Ancient History I	3	ARC 2701	Architectural History I	3
EUH 2012	Ancient History II	3	ARC 2702	Architectural History II	3
EUH 2021	Medieval History I	3	ARH 2050	History of Visual Arts I	3
EUH 2022	Medieval History II	3	ARH 2051	History of Visual Arts II	3
EUH 2030	Modern European History I	3	ARH 3001	Introduction To Art	4
EUH 2031	Modern European History II	3	ARH 3475C	Contemporary Issues in Art	4
EUS 3022	Russia	3	ART 2201C	Fabrications I	3
FRE 4392	African Images in Francophone Film	3	ART 2203C	Fabrications II	3
GEA 2000	World Regional Geography	4	DAN 2100	Introduction To Dance -6A	3
GET 4293	New German Cinema to Present	4	EGN 2080	Light and the Arts: A Quantitative Approach	3
GEW 4750	Women in Contemporary German Literature and Film	3	FIL 2001	Film: The Language Of Vision -6A	4
			FIL 3510	World Cinema -6A	4
HUM 2210	Studies in Culture: The Classical Through Medieval Periods	3	HUM 1020	The Arts	3
HUM 2230	Studies in Culture: The Renaissance Through the Twentieth Century	3	IDS 3662	Arts Connections	3
HUM 3252	Studies in Culture: The Twentieth Century	3	MUC 2301	Introduction to Electronic Music	3
IDS 2666	Historical Perspectives I	3	MUH 2051	Folk And Traditional Music Of World Cultures	3
IDS 2667	Historical Perspectives II	3	MUH 2632	Music In The United States	3
IDS 2931	Selected Topics	2-5	MUH 3016	Survey Of Jazz	3
IDS 2932	Selected Topics	3	MUL 2111	Introduction To Music Literature -6A	3
LAH 2020	Latin American Civilization	3	MUL 3001	Issues In Music	2-3
LAH 2734	Latin American History in Film	3	MUL 3012	Music in Your Life	3
LIT 2000	Introduction to Literature -6A	3	THE 2005	Languages of the Stage	3
LIT 2010	Introduction to Fiction -6A	3	THE 2252	Great Performances on Film	3
LIT 2030	Introduction to Poetry -6A	3	WOH 3293	Islam in World History	4
LIT 2040	Introduction to Drama -6A	3	ALAMEA		
LIT 3022	Modern Short Novel	3	AFA 2000	Introduction to the Black Experience [In Africa and Its Diaspora] -6A	3
LIT 3144	Modern European Novel -6A	3	AFA 4150	Africa and the United States -6A	3
LIT 3155	Modern Literature -6A	3	AFA 4502	Middle Passage	3
MMC 3602	Mass Communications and Society	3	AFH 3100	African History to 1850	3
MUL 2111	Introduction To Music Literature -6A	3	AFH 3200	African History since 1850	3
PHH 2000	Introduction to Philosophy -6A	3	AFS 2250	Culture and Society in Africa -6A	3
PHI 1600	Introduction to Ethics	3	AFS 3251	Environmental - Cultural Study in Africa	3
PHM 3100	Social Philosophy -6A	3	ANT 2000	Introduction to Anthropology	4
PHP 3786	Existentialism -6A	3	ANT 2410	Cultural Anthropology	3
POS 2080	The American Political Tradition	3	ANT 3005	The Anthropological Perspective	3
REL 2300	Introduction to World Religions -6A	4	ASH 3404	Modern China	4
REL 2306	Contemporary World Religions	4	ASN 3014	China Today	3
REL 3101	Religion and Popular Culture	3	ASN 3030	The Middle East	3
REL 3111	The Religious Quest in Contemporary Films -6A	4	CPO 4034	Politics of the Developing Areas	3
REL 3116	Religion and Contemporary American Holidays	3	CPO 4204	Government and Politics of Africa	3
REL 3117	Religion and Contemporary American Sports	3	ECS 4430	Economics of Latin America	3
REL 3170	Religion, Ethics and Society Through Film -6A	4	EUS 3022	Russia	3
REL 3308	World Religions -6A	3	FRE 4392	African Images in Francophone Film	3
REL 3318	Introduction to Chinese Religion	3	GEA 2000	World Regional Geography	4
REL 3363	Introduction to Islam	3	GEY 3625	Sociocultural Aspects of Aging -6A	3
REL 3367	Islam in the Modern World -6A	3	HUM 3271	Eastern and Western Culture from Antiquity to 1400	3
REL 3500	History of Christianity -6A	4	HUM 3273	Eastern and Western Culture Since 1400	3
REL 3607	Introduction to Judaism -6A	3	INR 1015	World Perspective	3
REL 4215	Ancient Israel and the Development of the Hebrew Bible -6A	3	INR 3084	International Terrorism	3
REL 4218	Women and the Bible -6A	3	INR 4502	International Organizations	3
SLS 4273	Theories of Leadership	3	LAH 2020	Latin American Civilization	3
SPC 3230	Rhetorical Theory	3	LAH 2734	Latin American History in Film	3
SPC 3631	Rhetoric of the Sixties	3	LAS 3116	Latin America Through Film	3
SYD 3700	Racial and Ethnic Relations	3	LIN 2002	Language and a Movie	2-3
WOH 3293	Islam in World History	4	MUH 2051	Folk And Traditional Music Of World Cultures	3
WST 2250	Female Experience in America	3	MUL 3001	Issues In Music	2-3
WST 3210	European Feminist History: Pre-18th Century -6A	3	REL 3318	Introduction to Chinese Religion	3
WST 3220	European Feminist History:	3	REL 3330	The Religions of India	3
			REL 3363	Introduction to Islam	3
			REL 3367	Islam in the Modern World -6A	3
			REL 3607	Introduction to Judaism -6A	3

REL 4215	Ancient Israel and the Development of the Hebrew Bible -6A	3
REL 4218	Women and the Bible -6A	3
SPW 4130	Survey of Spanish American Literature I	3
SYD 3441	Peasant Perspectives	3
SYG 3235	Latina Lives	3
WST 3015	Introduction to Women's Studies	3

LIBERAL ARTS EXIT REQUIREMENTS FOR UNDERGRADUATES IN ALL DISCIPLINES (9 Semester Hours)

A student's liberal arts education will continue throughout the college years and not be limited to a relatively small number of required courses in the first two years of college. Exit requirements will provide students with an opportunity during their junior and senior years at USF to integrate their knowledge within the context of liberal arts. Courses that satisfy the exit requirements will, where appropriate, incorporate considerations of values and ethics; international and environmental perspectives; race and ethnicity; and gender. By their junior and senior years, students will have a foundation in liberal arts and be better able to reflect upon ethical issues in a constructive way. Students graduating from the College of Education or the College of Engineering may be required to complete only six hours (two exit courses) and should consult with their advisors regarding exceptions to this requirement. Students seeking second baccalaureate degrees (those coded as 5B) are exempt from the liberal arts exit requirements.

Students will take at least one of the Liberal Arts Exit courses outside their disciplinary cluster(s). For purposes of this policy, the term "discipline" refers to the following fields: business, education, engineering, fine arts, health sciences, letters, natural sciences, and social sciences (See list below of "Outside the Disciplinary Cluster" Liberal Arts Exit Courses). One of the Major Works and Major Issues courses, if taken outside the student's major disciplinary cluster(s), may be taken for S/U credit with the consent of the instructor. Only courses numbered 3000 or above may be used to satisfy the exit requirements. **Exit requirements must be completed with USF courses.**

All exit requirement courses will be seminar-size courses in which enrollment will be targeted at approximately 20 to 25 students. These courses will be taught by regular faculty.

Students majoring in the College of Education are permitted to graduate with only six credits of Liberal Arts Exit courses, all of which may be taken in the College. The distribution of those six credits varies by major. Students majoring in the College of Engineering are permitted to graduate with only six credits of Liberal Arts Exit courses, and may meet the Literature/Writing requirement by completing ENC 3211. Students graduating from the College of Nursing are permitted to graduate with six credits of Liberal Arts Exit courses, both of which may be Major Works/Issues courses within the College.

Major Works and Major Issues (6 credit hours required):

A portion of the exit requirements consists of a minimum of six (6) semester hours of approved coursework concerning major works and major issues. Courses will focus on major issues, documents, or works, and will allow students to read primary texts. These courses may allow students to delve into topics on an interdisciplinary basis. Students will be encouraged to write enough to fulfill Gordon Rule requirements. One of the Major Works and Major Issues courses, if taken outside the student's major discipline(s), may be taken for S/U credit with the consent of the instructor.

Major Works and Major Issues courses must offer the opportunity for integration of content. These courses will have a liberal arts content and, when appropriate, will contain in-depth discussions of values and ethics, international and environmental perspectives, race and ethnicity, and gender. Courses may be interdisciplinary and may be team taught. This will provide students with an opportunity to explore, in-depth and on an interdisciplinary basis, major topics that are important but outside of the major field of study.

Literature and Writing (3 credit hours required): In addition, students will take three (3) semester hours of approved exit requirement coursework in literature and writing. These courses will allow students to read significant literature of the world and write at least 6,000 words. The 6,000-word requirement meets Gordon Rule requirements and is for students who may wish to satisfy some of this requirement with upper-level courses. The writing requirement may be satisfied with assignments that include, for instance, revision and process writing. The course may be taken within the major if appropriate. The courses will focus on the dimensions of values and ethics, international and environmental perspectives, race and ethnicity, and gender.

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

Although post-secondary foreign language courses may not be required for all graduates, students are encouraged to become competent in at least one foreign language. Foreign language study enriches the command of English, enlarges cultural perspective, and enhances learning skills.

All courses listed are certified as meeting the Exit requirement as of November, 2004. Additional courses may have been certified since that date. Please consult with an academic advisor for current and additional information.

LIBERAL ARTS EXIT REQUIREMENT COURSES

MAJOR WORKS AND MAJOR ISSUES

AFA 4313	Black English	3
AFA 4333	The African Diaspora: Blacks in the Construction of the Americas	3
AFA 4335	Black Women in America -6A	3
AFA 4350	African American Community Research	3
AFA 4500	Slavery in the Americas and the Caribbean	3
AFA 4502	Middle Passage	3
AML 4303	Zora Neale Hurston: Major Works -6A	3
AMS 4804	Major Ideas in America	3
ANT 4149	Fantastic Archaeology	3
ANT 4172	Historical Archaeology	3
ANT 4241	Magic and Religion -6A	3
ANT 4302	Gender in Cross-Cultural Perspective	3
ANT 4316	Ethnic Diversity in the United States	3
ANT 4340	The Caribbean -6A	3
ANT 4401	E-6Aploring Cross-Cultural Diversity	3
ANT 4432	The Individual and Culture -6A	3
ARC 4784	The City -6A	3
ARH 3475C	Contemporary Issues in Art	4
ARH 4455	Modern Political Iconography	4
ARH 4710	History of Photography -6A	4
BSC 4057	Environmental Issues	3
CCJ 4934	Seminar in Criminology -6A	3
CEG 4850	Capstone Geotechnical/Transportation Design	3
CES 4740	Capstone Structural/Geotechnical/ Material Design	3
CGN 4122	Professional and Ethical Issues in Engineering	3
CHM 4070	Historical Perspectives in Chemistry -6A	3
CIS 4250	Ethical Issues And Professional Conduct -6A	3
CLT 3101	Greek Literature in Translation -6A	3
CLT 3102	Roman Literature in Translation -6A	3
COM 4030	Women and Communication -6A	3
CWR 4812	Capstone Water Resources/Environmental Design	3
ECH 4615	Plant Design	4
ECO 3703	International Economics	3
ECO 4323	Radical Political Economy	3
ECP 3201	Economics of Women and Work	3
ECP 3302	Environmental Economics	3
ECP 3613	Economics of the Urban Environment	3
ECS 4003	Comparative Economic Systems	3
ECS 4430	Economics of Latin America	3

EDF 3228	Human Behavior and Environmental Selection -6A	3	NUR 4178	Complimentary and Alternative Therapies	3
EDF 3604	Social Foundations of Education	3	NUR 4194	An Interdisciplinary Perspective in HIV Disease -6A	3
EEL 4471	Electromagnetics	3	NUR 4195	Issues in Advanced Illness, Dying & Death	3
EEL 4906	Professional Issues and Engineering Design	2	NUR 4330	Classroom Management of Children with Acute and Chronic Conditions	3
EGN 4831	Technology and Society	3	NUR 4397	Strategies to Reduce Child and Adolescent Health Disparities	3
EIN 4365	Capstone Design	3	NUR 4636	Community/Public Health:	
EML 4551	Capstone Design	3	NUR 4645	Substance Abuse Across the Lifespan -6A	3
ENV 4891	Capstone Environmental Engineering Design	3	NUR 4655	Cultural Diversity in Health and Issues	3
EVR 4027	Wetland Environments	3	PAD 4144	Nonprofit Organizations and Public Policy -6A	3
EVT 4651	Equity in Schools and the Workplace -6A	3	PET 3252	Issues in Sport	3
FRE 3502	The Francophone World	3	PHH 4600	Contemporary Philosophy -6A	3
FRE 4392	African Images in Francophone Film	3	PHH 4700	American Philosophy -6A	3
FRT 3001	Great French Love Stories in Translation	3	PHI 4073	African Philosophy	3
FRT 3140	French Literary Masterpieces in English Translation -6A	3	PHI 4300	Theory of Knowledge -6A	3
FRW 4100	The French Novel	3	PHI 4320	Philosophy of Mind -6A	3
FRW 4101	Introduction to French Drama and Poetry	3	PHI 4632	Feminist Ethics	3
GEB 4890	Strategic Management and Decision Making	3	PHI 4800	Aesthetics -6A	3
GEO 4372	Global Conservation -6A	4	PHM 4120	Major Black Thinkers	3
GEO 4470	Political Geography	4	PHM 4322	Ancient and Medieval Political Philosophy	3
GEO 4604	Advanced Urban Geography	4	PHM 4331	Modern Political Philosophy -6A	3
GET 3100	German Literature in English Translation	3	PHM 4340	Contemporary Political Philosophy -6A	3
GET 4293	New German Cinema to Present	4	PHP 4000	Plato -6A	3
GEY 4635	Business Management in an Aging Society	3	PHP 4010	Aristotle -6A	3
GEY 4647	Ethical and Legal Issues of Aging	3	PHP 4740	The Rationalists -6A	3
GLY 4045	Moons, Planets, and Meteors: An Introduction to Planetary Science	3	PHP 4745	The Empiricists -6A	3
GLY 4053	Theories and Arguments about the Earth	3	PHP 4788	Philosophy of Mar-6Aism -6A	3
GLY 4734	Beaches and Coastal Environments	3	PHY 4031	Great Themes in Physics -6A	3
GLY 4805	Geology and Development of Modern Africa	3	POS 4694	Women and Law II -6A	3
HIS 3308	War and Society	3	POT 4661	The Politics of Identity, Difference and Inequality	3
HIS 3938	Major Issues in History	3	PUP 4323	Women and Politics -6A	3
HIS 4936	Pro-Seminar in History -6A	4	REL 3114	Comedy, Tragedy, and Religion -6A	3
HUM 4938	Major Issues in the Humanities	3	REL 3146	Womanist Vision in Religion	3
IDS 3115	Values and Choices -6A	3	REL 3191	Life After Death	4
IDS 3186	Scientific and Ethical Dimensions of Human Disease	3	REL 3280	Biblical Archaeology	3
IDS 3663	Critical Issues Affecting the Arts -6A	3	REL 3303	Comparative Religion: Judaism and Islam	3
INR 3018	World Ideologies	3	REL 3375	Issues in Caribbean Religions	3
INR 3033	International Political Cultures	3	REL 3465	Religion and the Meaning of Life -6A	3
INR 3202	International Human Rights	3	REL 3561	Roman Catholicism -6A	3
INR 4083	Conflict In The World	3	REL 3602	Classics of Judaism -6A	3
INR 4254	Africa in World Affairs	3	REL 3613	Modern Judaism -6A	3
INR 4936	Senior Seminar	3	REL 4113	The Hero and Religion	3
ISS 4935	Seminar in the Social Sciences	3	REL 4133	Mormonism in America	3
LIT 3103	Great Literature of the World -6A	3	REL 4171	Contemporary Christian Ethics -6A	4
LIT 3155	Modern Literature -6A	3	REL 4177	Comparative Religious Ethics -6A	4
LIT 3301	Cultural Studies and the Popular Arts -6A	3	REL 4215	Ancient Israel and the Development of the Hebrew Bible -6A	3
LIT 3374	The Bible As Literature	3	REL 4217	Who Wrote the Bible (Genesis-Kings) -6A	4
LIT 3383	The Image of Women in Literature -6A	3	REL 4218	Women and the Bible -6A	3
LIT 3451	Literature and the Occult -6A	3	REL 4626	Reason in Religion: Talmudic Logic	3
LIT 4386	British and American Literature by Women -6A	3	REL 4670	Judaism and Christianity After the Holocaust -6A	4
LIT 4804	Literature as Cultural Study	3	RUS 3500	Russian Civilization -6A	3
MHF 4403	The Early History of Mathematics	3	RUT 3110	Russian Classics in English -6A	3
MHF 4406	The History of Modern Mathematics	3	RUT 3111	Twentieth-Century Russian Literature in English -6A	3
MHS 4052	Human Relations Skills in Counseling	4	SCE 4236	Science, Technology, Society Interaction -6A	4
MUH 3301	Music History/Baroque And Classic	3	SPA 4050	Introduction to the Clinical Process	3
MUH 3302	Music History/Romantic And 20th Century	3	SPC 4201	Oral Tradition	3
MUH 4058	Intercultural Music In The Twentieth Century	3	SPC 4632	Rhetoric and Social Change -6A	3
NGR 6080	Family and Population-Based Health Promotion	3	SPC 4714	Communication, Culture and Community	3
NGR 6121	Theoretical Basis Of Advanced Practice Nursing -6A	3	SSE 4380	Global And Multicultural Perspectives in Education	3
NGR 6135	Ethical, Legal, and Policy Issues in Advanced Nursing Practice -6A	3	SYA 4935	Senior Seminar	3
NUR 3826	Ethical Legal Aspects in Nursing and Health Care	3	SYO 4430	Disability and Society	3
NUR 4097	Introduction to Nursing Humanities	3	SYO 4420	Consumer Culture -6A	3
			THE 3110	Theatre History I	3
			THE 3111	Theatre History II	3

Distributive Education	Mental Retardation Education
Early Childhood Education	Physical Education
Elementary Education	Science Education
English Education	Social Studies Education
Foreign Languages	Specific Learning
Education	Disabilities Education

Disciplinary Cluster 8: Nursing

Bachelor of Independent Studies majors may use certified courses for any disciplinary cluster to meet the Liberal Arts Exit requirements.

Freshman English Requirement

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

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

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

Credit by Examination

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

Graduation Requirements**Baccalaureate Degree
University Requirements**

University minimum requirements for graduation consist of the following: earn a minimum of 120 semester hours with an overall 2.00 GPA, including a 2.00 GPA in all courses attempted at USF; a transfer student must have a GPA of 2.0 or higher when combined with all work attempted at other institutions; satisfactorily complete CLAST and the writing and computation course requirements of 6A-10.030; earn a minimum of 48 semester hours of upper-level work (courses numbered 3000 and above); complete Liberal Arts requirements; complete residency requirement; complete program requirements as determined by the college; and be recommended for graduation by the dean of the appropriate college. The requirements must be met by every student upon whom a degree is conferred. The total number of semester hours needed to complete the baccalaureate degree depends upon the academic major field of study. No grades may be changed following graduation.

All students entering USF with fewer than 60 semester hours of credit are required to earn at least 9 semester hours of credit prior to graduation by attendance during one or more summer semesters. The University may waive the application of this rule in cases of unusual hardship to the individual. (See Summer Enrollment Requirement below.)

Summer Enrollment Requirement

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

The requirement may be fulfilled only by attending one of the universities in the State University System: University of South Florida, Tampa; Florida Agricultural and Mechanical University, Tallahassee; Florida Atlantic University, Boca Raton; Florida Gulf Coast University, Fort Myers; Florida International University, Miami; Florida State University, Tallahassee; University of Central Florida, Orlando; University of Florida, Gainesville; University of North Florida, Jacksonville; and University of West Florida, Pensacola.

**Foreign Language
Graduation Requirement for B.A. Students**

In addition to the foreign language entrance requirement (as required by FS 240.233) all students applying for a Bachelor of Arts degree from USF must demonstrate competency in a foreign language. To demonstrate this competency, students may take either two semesters of a beginning college-level foreign language or one semester of a higher-level course and earn a letter grade of "C" (no "S" grades) or above in the appropriate level course or demonstrate equivalent competency by passing an examination. Languages should be selected from among the ones listed below:

Classical Languages

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

Modern Languages

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

American Sign Language

Approval needed by the student's program/department major. The following programs accept Sign Language Competency for the exit requirement: Africana Studies, Anthropology, Communication, Communication Sciences and Disorders, Criminology, Economics, Gerontology, History, Mass Communications, Political Science, Religious Studies, Theatre, Women's Studies, and all programs in the College of Education.

Students electing to take the examination in French, German, Italian, Portuguese, Russian, or Spanish should apply to the Director of the Division of Modern Languages and Linguistics. Students taking the examination in Ancient or Modern Greek or in Latin should also apply to the Director of the Division of Modern Languages and Linguistics. Students taking the examination in New Testament Greek or in Hebrew should apply to the Chairperson of Religious Studies. Students utilizing American Sign Language should apply to the Chairperson of Communication Sciences and Disorders.

Foreign Language Placement

Students with two or more years of study in a foreign language in high school, or with postsecondary course(s) in foreign language, or with experiential learning of a foreign language may not enroll for credit in courses in that language without first taking a placement examination administered by the Division of Languages and Linguistics. Should the placement examination indicate that remedial work is required (1120-1121), the student will be allowed to enroll with the understanding that the grade eventually earned will be either an "S" or "U."

Under no circumstances will a student who places above the first year level or who passes a higher-level course be allowed to register for or receive credit for a lower-level course in that specific language. Students to whom this regulation applies should inquire of the Division of Modern Languages and Linguistics for the placement examination.

Academic Residence

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

Exceptions to the above rules are students who are enrolled at other universities on approved exchange programs, cooperative education students enrolled in other institutions (prior approval having been secured from their USF advisors) while on their training periods, and students taking correspondence work from the University of Florida. CLEP credit does not count toward academic residency.

Academic Major

USF offers curricula leading to the baccalaureate degree in the following fields. The degree is indicated in parentheses after each major code. For clarification, the following terms are defined:

Specialization: Those courses required to give the student academic concentration and baccalaureate identification such as Mathematics, Accounting, Psychology, etc.

Supporting or Related: These courses may be prerequisites to the specialization courses, or they may support specialized courses by giving preparation or breadth to the area of specialization. These courses are often referred to as college or program core courses.

Program Electives: These are usually a broad band of courses offered by the college offering the major to further enrich the student in the general academic field of the major.

College of Arts and Sciences:

Africana Studies (AFA) (B.A.)
 American Studies (AMS) (B.A.)
 Anthropology (ANT) (B.A.)
 Biology (BIO) (B.S.)
 Cell and Molecular (CAM) (B.S.)
 Ecology (ECL) (B.S.)
 Marine (MRN) (B.S.)
 Physiology (PGY) (B.S.)
 Chemistry (CHM) (B.A.)
 Biochemistry/Biotechnology (CBY) (B.A.)
 Environmental (CHV) (B.A.)
 Health Professions (CHH) (B.A.)
 Chemistry (CHS) (B.S.)
 Environmental (CHV) (B.S.)
 Classics (Classical Languages) (CLS) (B.A.)
 Communication (SPE) (B.A.)
 English (ENS) (B.A.)
 Interpersonal & Organizational (SIO) (B.A.)
 Performance (SPM) (B.A.)
 Public & Cultural (SPL) (B.A.)
 Theater (STA) (B.A.)

Communication Sciences and Disorders (CSD) (B.A.)
 Deaf Studies (DST) (B.A.)
 Interpreter Training (ITT) (B.A.)
 Speech/Language/Hearing Science (LSH) (B.A.)
 Criminology (CCJ) (B.A.)
 Community Corrections (COC) (B.A.)
 Urban Law Enforcement (ULE) (B.A.)
 Juvenile Justice (JVJ) (B.A.)
 Economics (ECO) (B.A.)
 English (ENG) (B.A.)
 Literature (LIT) (B.A.)
 Creative Writing (CRW) (B.A.)
 Professional-Technical Writing (CWT) (B.A.)
 Environmental Science and Policy (ESP) (B.S.)
 French (FRE) (B.A.)
 International Studies and Business (ISB) (B.A.)
 Geography (GPY) (B.A.)
 Environmental (EVG) (B.A.)
 Urban and Social (USG) (B.A.)
 Geology (GLY) (B.A.)
 Geology (GLS) (B.S.)
 Environmental (GLE) (B.S.)
 German (GER) (B.A.)
 Gerontology (GEY) (B.A.)
 Gerontology (GES) (B.S.)
 History (HTY) (B.A.)
 Humanities (HUM) (B.A.)
 Interdisciplinary Classical Civilizations (ICC) (B.A.)
 Interdisciplinary Natural Sciences (INS) (B.A.)
 Health Professions (INH) (B.S.)
 Interdisciplinary Social Sciences (ISS) (B.A.)
 Urban Studies (ISU) (B.A.)
 Interdisciplinary Studies (BIS) (B.I.S.)
 International Studies (INT) (B.A.)
 Italian (ITA) (B.A.)
 Liberal Studies (ALA) (B.A.)
 Mass Communications (COM) (B.A.)
 Advertising (ADV) (B.A.)
 Broadcast News (NWS) (B.A.)
 Broadcast - Program & Production (PGM) (B.A.)
 Journalism - Magazine (MAG) (B.A.)
 Journalism - News Editorial (JOU) (B.A.)
 Journalism - Visual Communications (VIC) (B.A.)
 Public Relations (PUR) (B.A.)
 Mathematics (MTH) (B.A.)
 Environmental Biology (MEB) (B.A.)
 Environmental Chemistry (MEH) (B.A.)
 Environmental Geology (MEY) (B.A.)
 Mathematics - 5-year program (MBM)
 Medical Technology (MET) (B.S.)
 Microbiology (MIC) (B.S.)
 Philosophy (PHI) (B.A.)
 Physics (PHY) (B.A.)
 Physics (PHS) (B.S.)
 Political Science (POL) (B.A.)
 Psychology (PSY) (B.A.)
 Applied Behavior Analysis (ABA) (B.A.)
 Religious Studies (REL) (B.A.)
 Russian (RUS) (B.A.)
 Social Work (SOK) (B.S.W.)
 Sociology (SOC) (B.A.)
 Spanish (SPA) (B.A.)
 International Studies and Business (ISB) (B.A.)
 Women's Studies (WST) (B.A.)

College of Business Administration (B.A./B.S. option):

Accounting (ACC)
 Business Economics (ECN)
 Finance (FIN)
 General Business Administration (GBA)
 Accounting (GAA)
 Economics (GEC)

Finance (GFI)
 Marketing (GMK)
 Management (GMN)
 Management Information Systems (GIS)
 International Business (GIN)
 International Business (ITB) (B.A.)
 Management Information Systems (ISM)
 Management (MAN)
 Marketing (MKT)

College of Education (B.A./B.S. option):

Athletic Training (BAT) (B.S.)
 Early Childhood Education (BEC)
 Elementary Education (BEE)
 English Education (BEN)
 Foreign Language Education (FLE)
 French (BFF) (B.A.)
 German (BFG) (B.A.)
 Italian (BFI) (B.A.)
 Russian (BFR) (B.A.)
 Spanish (BFS) (B.A.)
 Mathematics Education (BMA)
 Physical Education (PET)
 Elementary (BPE)
 Secondary (BPS)
 Wellness (BPW)
 Science Education (SCE)
 Biology (BSB)
 Chemistry (BSC)
 Physics (BSY)
 Social Science Education (BSS)
 Special Education
 Behavior Disorders (BBD)
 Mental Retardation (BMR)
 Specific Learning Disabilities (BLD)
 Varying Exceptionalities (5 yr. Program) (BEX)

College of Engineering:

Chemical Engineering (ECH) (B.S.C.H.)
 Civil Engineering (ECE) (B.S.C.E.)
 Environmental (ENV) (B.S.C.E.)
 Computer Engineering (ECP) (B.S.C.P.)
 Computer Science (ECC) (B.S.C.S.)
 Electrical Engineering (EEL) (B.S.E.E.)
 Industrial Engineering (EIE) (B.S.I.E.)
 Information Systems (EIF) (B.S.I.S.)
 Mechanical Engineering (EME) (B.S.M.E.)

College of Nursing (B.S.):

Nursing (NUR)
 Nursing (Registered Nurse) (NRN)

Undergraduate Studies

Applied Science (APS) (B.S.A.S.)
 Behavioral Healthcare (ABH) (B.S.A.S.)
 Criminal Justice (ACJ) (B.S.A.S.)
 General Business Administration (ABU) (B.S.A.S.)
 Gerontology (AGR) (B.S.A.S.)
 Public Administration (APU) (B.S.A.S.)
 Urban Studies (AUR) (B.S.A.S.)
 Hospitality Management (HMA) (B.S.)
 Information Technology (ITC) (B.S.I.T.)

College of Visual and Performing Arts:

Art (ART) (B.A./B.F.A.)
 Art History (AHI) (B.A.)
 Art Studio (ARS) (B.A./B.F.A.)
 Graphic Design (AGD) (B.F.A.)
 Dance (DAN) (B.A./B.F.A.)
 Ballet (DAB) (B.A./B.F.A.)

Modern (DAM) (B.A./B.F.A.)
 Dance Studies (DAS) (B.A.)
 Music (MUS) (B.M.)
 Composition (MUC) (B.M.)
 Jazz Composition (MJC) (B.M.)
 Jazz Performance (MJP) (B.M.)
 Performance (MPF) (B.M.)
 Piano Pedagogy (MPP) (B.M.)
 Music Education (MUE) (B.A./B.S.)
 General (MEG) (B.A./B.S.)
 Instrumental (MEI) (B.A./B.S.)
 Voice (MEV) (B.A./B.S.)
 Theatre (TAR/TFA) (B.A./B.F.A.)
 Arts (TAA) (B.A.)
 Design (TAD) (B.A.)
 Performance (TAP) (B.A.)

Academic Minor

In addition to major programs, many departments offer an academic minor that requires approximately one-half the upper-level credits required for a major. Students interested in a particular minor should obtain the specific requirements from the appropriate department. The department may require the same admission or retention standards as required for the major.

Each academic minor conforms to the University requirements:

1. A minimum of 8 semester hours of credit used to satisfy the requirements of a minor must be from USF courses.
2. A student desiring a minor must have a major in a different program option.
3. USF coursework for a minor must have a GPA of at least 2.0.
4. Only an undergraduate degree-seeking student at USF is eligible for a minor.
5. A minor can be applied for and received only in conjunction with applying for and receiving a baccalaureate degree except for students who have already received a baccalaureate degree from USF who may earn certification of a minor by taking additional undergraduate coursework at the University and applying for the certification.

USF offers curricula leading to an academic minor in the following fields:

Arts and Sciences:

African & African Diaspora Studies
 African Studies
 African-American Studies
 American Studies
 Anthropology
 Biomedical Physics
 Chemistry
 Classics
 Communication
 Communication Sciences and Disorders: American Sign Language
 Criminology
 Economics
 English: Creative Writing
 English: English and American Literature
 English: Professional-Technical Writing
 Environmental Policy
 French
 Geography
 Geology
 German
 Gerontology
 Greek
 History
 Humanities
 Interdisciplinary Classical Civilizations
 International Studies

Italian
 Latin
 Linguistics
 Manual Communications
 Mass Communications
 Mathematics
 Modern Greek
 Philosophy
 Physics
 Political Science
 Psychology
 Public Administration
 Religious Studies
 Russian
 Sociology
 Spanish
 Women's Studies
 Women's Studies: Women of Color

Business Administration:

Accounting
 Business Economics
 Finance
 General Business Administration
 International Business
 Management
 Management Information Systems
 Marketing

Louis de la Parte Florida Mental Health Institute

Behavioral Healthcare

Undergraduate Studies:

Aerospace Studies
 Leadership Studies
 Military Leadership

Visual and Performing Arts:

Art
 Dance
 Electronic Music
 Music
 Theatre

Student's Choice of Catalog

In order to graduate from USF, each degree-seeking student must meet all of the graduation requirements specified in the USF catalog of his/her choice. A degree-seeking student may choose any USF catalog published during his/her continuous enrollment. Students who have transferred from one Florida public institution to another are affected by the following Department of Education policy:

Graduation requirements in effect at the receiving SUS institution at the time a student enrolls at a Florida public institution of higher learning shall apply to that student in the same manner that graduation requirements apply to its native students provided the student has had continuous enrollment as defined in the SUS institution's catalog.

At USF, "continuous enrollment" is defined as enrolling as a degree seeking student at least one term each twelve month period. Therefore, students cannot choose a USF catalog published prior to or during an academic year in which they did not maintain continuous enrollment. (Each catalog is considered to be published during the academic year printed on the title page.)

If the student cannot meet all of the graduation requirements specified in the catalog of his/her choice due to decisions and changes by the University in policy matter, course offering, etc.,

appropriate substitutions will be determined by the chairperson of the department or program of the student's major.

USF's policies are subject to change and apply to all students regardless of their choice of catalog. If the student's graduation requirements are affected by changes in University policies, appropriate arrangements will be made to preclude penalization of the student.

Repeat Course Work

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

Double Undergraduate Major

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

Second Undergraduate Major

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

*Note that those students who complete the requirements for a second major must be aware that they will not receive a second degree.

Two Degrees (USF Students)

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

**Second Baccalaureate Degree
(Transfer Students)**

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

**Availability of a Baccalaureate Degree for Students
Enrolled in or Graduated from a Five-year Master's
Program**

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

- Satisfy degree requirements for the five-year master's program.
- Satisfy requirements for the baccalaureate-level program.

B.A. Degree for Medical and Dental Students

Students who are admitted to a medical or dental school after completing their junior year at USF may be awarded the B.A. degree in Interdisciplinary Natural Sciences from the College of Arts and Sciences (see College of Arts and Sciences).

Application for Graduation

In order to graduate, a student must submit an application for the bachelor's degree, graduate degree, or Associate of Arts certificate to the Office of the Registrar. *This application must be submitted in the term of expected graduation by the deadline noted in the academic calendar* for the student to be assured of availability of academic regalia for participation in the graduation ceremony, certification of graduation by the end of the term, inclusion of name in the graduation Bulletin, and timely ordering of the diploma. Students who submit the application for graduation after the posted deadline but prior to the last day of classes for the academic term and who are determined to have met all graduation requirements in that semester may have their graduation posted that term. Students who submit an application after the graduation application deadline, and wish to graduate in that term, will be assessed a \$50.00 late fee. Students must note that when applying late, their application may not be processed before the next term's registration period if they have not met all degree requirements. Applications received after the last day of classes will result in the graduation being posted at the end of the following academic term. If a student applies for graduation and is not approved, a new application for degree must be submitted by the deadline in a new term. In order for the degree statement to appear on a student's academic record, the student must file the aforementioned application whether or not participation in the commencement ceremony is desired.

The application for the bachelor's degree is available from the student's college advising office. The application for a graduate degree is available from the Office of the Registrar or the student's college advising office. The application for an Associate of Arts degree is available from the Center for Academic Advising in Academic Support and Achievement.

The application must first be certified (signed or stamped in the section, "Office Use Only") by the student's college (Center for Academic Advising for the A.A. certificate). The college retains one copy, and the student must submit the remaining copies to the Office of the Registrar prior to the graduation application deadline. Inquiries concerning approval or denial of graduation should be made to the appropriate college or to the Center for Academic Advising in Academic Support and Achievement.

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

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

A student applying for a minor must:

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

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

Note: Some colleges ask students to file applications as early as the semester before anticipated graduation to help ensure that they will meet all graduation requirements in the semester in which they intend to graduate. Although applications will be accepted until the last day of classes for the semester of graduation, students applying late will jeopardize

their chances of having met all requirements and may delay their graduation as a result.

Posthumous Degrees or Degrees in Memoriam

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

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

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

Procedures for Award of Posthumous Degrees or Degrees in Memoriam

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

Diplomas for posthumous degrees will be identical to other degrees awarded in the same colleges and majors. Diplomas for Degrees in Memoriam will be prepared to read "Bachelor of Arts in Memoriam, Bachelor of Science in Memoriam," Master of Arts in Memoriam," etc., depending upon the degree the student was pursuing at the time of his or her death. Undergraduate students who have not chosen a major at the time of death will be awarded the "Bachelor of Arts in Memoriam."

Honors at Graduation

To be considered for honors at graduation, a baccalaureate candidate must have completed at least 40 credits of graded coursework at USF and have earned a grade point average of 3.50 or higher for all graded coursework attempted at USF. In addition, to be eligible for honors, transfer students and USF students who have postsecondary work elsewhere must have an overall GPA of 3.50 or higher counting all USF courses as well as all transferable work attempted at other institutions. The forgiveness policy at USF or other institutions and plus/minus grades awarded at other institutions will not be applicable in computing the GPA for honors.

In addition, students with a record of academic dishonesty appearing on any transcripts will not be eligible for honors at graduation.

Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.50 but below 3.70 shall receive a diploma designation of *cum laude* (with honor).

Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.70 but below 3.90 shall receive a diploma designation of *magna cum laude* (with high honor).

Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.90 or above shall receive a diploma designation of *summa cum laude* (with highest honor).

In addition, each dean has the option to select on the basis of exceptional achievement 1% of the college's graduates or 1

student per semester for graduating *with distinction*.

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

Commencement

Commencement ceremonies at USF (Tampa) are held three times a year: Fall, Spring, and Summer. To receive information regarding the commencement ceremonies, students must submit an application to graduate. Information regarding the ceremony will be mailed to the students during the term in which they should participate. If information is not received, the student should contact the Office of the Registrar. Graduate students (masters, specialists, and doctorates) will not participate in commencement exercises until all requirements for such degrees have been fulfilled.

Certification Requirements Associate of Arts

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

1. To receive the Associate of Arts, the student must complete 60 semester hours of university credit; at least 20 of the last 30 semester hours counted toward the Certificate must be completed in residence at USF; the minimum grade point average must be 2.00 based on work attempted at the USF; in addition, a transfer student must have a GPA of 2.00 or higher when combined with transfer work accepted and evaluated by the USF Office of Admissions; and the General Education Requirements of USF must be satisfied. Physical Education and military science credits do not count within the 60 semester hours toward the Associate of Arts. In addition the student must present a score (passing score after August, 1994) on the College-Level Academic Skills Test and fulfill the writing and computation course requirements of 6A-10.030 prior to receiving the Associate of Arts Certificate.
2. Application Procedure for the Associate of Arts Certificate. The Application for an Associate of Arts Certificate can be obtained from the Center for Academic Advising prior to the application deadline. The deadline to apply for a degree/certificate in each semester is stated in the Academic Calendar in the catalog.
3. The Associate of Arts certificate must be awarded prior to the term that the student becomes eligible for the baccalaureate degree.
4. Final processing for the Associate of Arts will be done after grades are processed at the end of the semester for which the student applied. All work, including transfer work, taken in that semester will be evaluated with respect to the requirements for the Associate of Arts Certificate.
5. Any incomplete grades shown on the permanent record of an

Associate of Arts applicant at the time grades are processed will be treated as an F in the calculation of grade point average.

6. The General Education Requirements will be based on the approved University policy in effect in the catalog year the student chooses according to the University policy regarding the choice of catalog. The consideration of whether or not General Education Requirements are met will be made without consideration of the student's choice of major at the time he/she applies.
7. Residence credit will be broadly defined to include USF sponsored student exchange programs and the University of Florida Correspondence Division. Where the grades from these institutions, except those earned through the University of Florida Correspondence Division, are recorded on the permanent record at USF, and included in the grade point average calculation, they will also be counted in the student's grade point average as work attempted at USF for the Associate of Arts Certificate.
8. An applicant who has not been enrolled at USF for three semesters may be contacted to ascertain whether or not that applicant meets the residency requirements.
9. In approving any application for the Associate of Arts Certificate, satisfactory/unsatisfactory grades will be accepted according to the approved University policy in effect during the terms of the student's enrollment without regard for the student's declared major. Students must be aware that if they have taken any courses on a satisfactory/unsatisfactory basis where such grades are not acceptable by the college of the major, the students may be required to repeat particular courses for a traditional letter grade or take additional courses for a traditional letter grade to meet the college requirements.
10. All USF colleges with undergraduate programs will accept the Associate of Arts from USF. That is, the student will be placed at least, at the junior level and will be considered to have met the University's General Education Requirements. The applicability of the courses taken by the student toward his/her major program will be determined by the college of the student's major. Similarly, any special requirements for a student's professional certification (e.g., Education and Engineering) are not necessarily met by the Associate of Arts certificate, but could be included as part of the General Education Requirements. Thus, students should check with their colleges concerning meeting any special requirements in an efficient manner.
11. The awarding of the Associate of Arts is posted on the permanent record but does not alter the calculation of the grade point average nor does it interrupt the accumulation of the student's record.
12. Students who follow a baccalaureate degree program as recommended by a college will not necessarily be eligible for the Associate of Arts certificate prior to the completion of 90 semester hours.

ACADEMIC PROGRAMS AND SERVICES

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

USF/FLORIDA PUBLIC COMMUNITY COLLEGE CROSSENROLLMENT

Some undergraduate students may find it advantageous to cross enroll at a Florida public community college while attending USF. *To prevent problems with financial aid and other registration issues, see a USF college advisor for detailed instructions and course approval.* Procedures to permit this type of registration are available during specified times printed in the University **Schedule of Classes**. Credit hours for the course(s) taken at the host institution will apply toward graduation only if prior approval was received from the student's USF advisor. The grade point average will not transfer to USF.

TRANSIENT STUDENTS

USF degree-seeking students who wish to enroll at another regionally accredited institution **MUST HAVE PRIOR WRITTEN APPROVAL** from their college academic advisor to receive credit for courses taken. The transient student/cross enrollment form should be used for this purpose. *First term, first time in college freshmen are not eligible for USF awarded financial aid if granted transient student status.*

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

USF allows students to receive up to 45 semester hours of credit towards the baccalaureate degree upon successful completion of General and Subject College Level Examination Program (CLEP), IB, and DANTES examinations. Performance levels necessary to achieve credit have been established at a common level for all universities and community colleges in the State system. Credit earned through one examination program may not be duplicated by another examination or course. The following limitations should be recognized:

1. CLEP credit will not satisfy USF's residency requirement;
2. Credit for the General Natural Science examination will be granted for non-majors only.

Certain General and Subject CLEP Examinations noted in the table below may apply to the General Education Liberal Arts Requirements. Some programs do not award credit toward the degree for certain CLEP examinations, and certain graduate or professional schools such as law, medicine and engineering may not grant equal recognition to students with extensive examination credits. An academic advisor should be consulted to ascertain the applicability of a specific CLEP examination toward a student's degree requirements and the advisability of taking the examinations in a student's specific situation.

Descriptions of the examination content and other information are available from Educational Testing Service in Princeton, New Jersey or in the Office of Evaluation & Testing (SVC 2054).

The CLEP General and Subject Examinations are administered on a daily basis on the Tampa Campus. Testing schedules are available in the Office of Evaluation & Testing (SVC 2054). Prior registration is required.

For information regarding CLEP examinations, please go to the Evaluation and Testing web site <http://www.usf.edu/ugrads/eandt/clep.htm>.

For information regarding discontinued exams or examinations taken prior to July of 2001 or those not listed, contact Evaluation and Testing or call 974-2742.

ADVANCED PLACEMENT CREDIT PROGRAM

The University participates in the Advanced Placement Program conducted by the College Entrance Examination Board. The Advanced Placement Test is based on specific college level courses that are offered in a number of high schools. Interested students should contact their high school counselors or principals for additional information. Please note: not all colleges will interpret AP test results in the same

manner. Consult the table below to ascertain how the University of South Florida interprets AP test results.

For information regarding CLEP examinations, please go to the Evaluation and Testing web site <http://www.usf.edu/ugrads/eandt/ap.htm>.

COLLEGE REACH-OUT PROGRAM

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

College Reach-Out is an academic program designed for low-income and educationally disadvantaged middle and high school students who have the academic potential for success in a postsecondary institution and plan to pursue a postsecondary education. The focus of the program is to prepare students to meet higher education requirements established for admission to colleges and universities by providing tutoring and counseling services. Students will be exposed to a variety of personal, social, academic, educational, and career opportunities through participation in year round and summer academic enrichment programs. Admission requirements are listed below:

1. Family income must meet state guidelines.
 2. Students must have completed the 5th grade.
 3. Students must have a 2.0 grade average in English, mathematics, history, and science.
 4. Students must attend schools in Hillsborough County.
- Applications should be forwarded to the College Reach-Out Program, HMS 497 or 499, USF or mailed to USF at HMS 413.

UPWARD BOUND

Location/Phone: HMS 469, (813) 974-2802

Upward Bound is a pre-college program for students from low-income families who have academic potential but who have inadequate secondary school preparation or have not achieved success in school.

Its purposes are to assist these students in developing goals, improving academic skills, and providing the motivation necessary to achieve success in a college or post-secondary program. To qualify, the applicant must meet the following criteria:

1. Family income must meet federal guidelines.
2. Applicant should be a potential first-generation college student.
3. Student must have completed the 9th grade and be enrolled in the 10th or 11th grade in an accredited high school.
4. GPA must be 2.3 ("C") or above in basic pre-college courses.
5. Attend weekly scheduled tutorial sessions.
6. Attend the six-week summer residential component on the USF Tampa Campus.

Applications should be forwarded to Director, Project Upward Bound, USF.

INDEPENDENT STUDY

Undergraduate students wishing to take a course by independent study must contact the instructor of the course for permission. The instructor specifies the requirements to be completed by the student including tests, periodic class attendance, term papers, etc.

Not all courses in the University may be taken by independent study. The respective colleges have jurisdiction in the determination of which courses may be taken in this manner.

The regular grading system applies to all independent study students: Grades earned by independent study have the same status as those acquired through regular class attendance. Students taking a course by independent study must register for the specific course section in the regular manner.

ENROLLMENT IN EVENING COURSES

Evening courses at USF are part of the regular academic program; they are offered at times convenient to people within commuting distance who wish to continue their education at night while occupied during the day with other responsibilities. Requirements for day and evening courses are the same.

COMMUNITY EXPERIENTIAL LEARNING PROGRAM

Location/Phone/Email: BEH 211, (813) 974-8452, jones@chuma1.cas.usf.edu

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

Students may participate in the CEL Program anytime during their academic career. Good standing at the University and a 2.0 GPA is required for acceptance into the Program. CEL courses are offered throughout the entire year. Ideally students should plan their CEL projects during the term prior to their implementation, but they can be added at any time during the term. Information may be obtained from Robin Jones in BEH 211, (813) 974-8452.

STATE UNIVERSITY SYSTEM CORRESPONDENCE COURSES

The University of Florida's Division of Continuing Education's (DOCE) Department of Correspondence Study administers all correspondence instruction for Florida's State University System (SUS).

Correspondence study at the University of Florida is a consortium of universities within the State University System of Florida that offers high school, undergraduate and graduate courses for credit through interactive, self-directed study.

DOCE provides courses for students who wish to begin college programs early, take courses with conflicting times or closed sections, meet prerequisites, pursue professional development, or personal enrichment. DOCE courses' content and requirements parallel their on-campus counterparts.

Enrollment in all courses is possible at any time of the year; however, prior approval of an advisor is needed if a course is to be used toward a diploma or a degree.

For more information, please contact: Department of Correspondence Study, 2209 NW 13th Street, Suite D, Gainesville, FL 32609; (352) 392-1711, or toll free at (800) 327-4218; or e-mail: learn@doce.ufl.edu. Be sure to check out the home page: <http://correspondencestudy.usf.edu>.

USF considers independent study by correspondence as resident credit. Grades are not transferable. Exception: grades for courses taken by Cooperative Education students while on a training period are transferred and will be used in computing the USF GPA.

FLORIDA COLLEGE EXCHANGE PROGRAM

Through an exchange agreement, students of USF, with the approval of their advisors, may elect courses at nearby Florida College. Credit for acceptable work may be transferred to USF and counted as elective credit toward graduation. Students from Florida College have a similar transfer arrangement.

Costs for students under these cross enrollment plans are based on credit hours of work taken, and payment is made to the appropriate institution in accordance with its per-hour fee rate.

Florida College students enjoy full privileges of the state-wide articulation agreement and of USF transfer student policies, such as academic renewal and full acceptance of the Associate of Arts degree.

THE WASHINGTON CENTER INTERNSHIP PROGRAM

Location/Phone/Email: BEH 211, (813) 974-8452, jones@chuma1.cas.usf.edu

All USF undergraduates seeking to live and learn in the

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

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

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

Academic Services and Support**EDUCATIONAL OUTREACH**

Faculty help line: onlinehelp@outreach.usf.edu

(813) 974-8001

Web site: <http://www.outreach.usf.edu>

Educational Outreach extends the University's academic resources to help lifelong learners meet their educational and professional goals. USF has the largest distance learning program in Florida, with more than 29,000 enrollments each year. Distance learning uses online (World Wide Web) and other types of established technology such as televisions and VCRs, enabling individuals to take courses in their homes and workplaces at times that best fit their personal schedules. Visit our website at <http://www.outreach.usf.edu> for more information.

Distance Learning

USF colleges and departments offer courses, certificates, and degrees in distance learning formats to meet the time, place, and pace requirements of a diverse student population. Over 800 courses are offered across disciplines using a variety of distance learning models: online (World Wide Web), instructional television (ITV), videoconferencing, streaming video, or broadcast on public and cable TV including WUSF (USF's public television station) and the Education Channel in Hillsborough County. Distance learning courses are included with regular departmental offerings in OASIS and identified by distance learning icons; contact the department offering the class for more information.

Continuing Education

USF Educational Outreach's Division of Continuing Education provides the following noncredit programs and services:

- Short courses for professional development and computer applications training (Professional & Workforce Development)
- Cultural, computer and personal enrichment courses (Senior Programs)
- Conference and event management (Conferences & Institutes)
- Meeting, training and computer lab room rentals (USF Downtown Center)

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

The USF Library System

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

Tampa Library: (813) 974-2729 (for hours, call 974-2727)

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

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

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

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

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

All six libraries within the USF Library System contain over 1.7 million volumes, 13,000 serial titles, 47,000 electronic resources and 61,000 media materials. The state university libraries together contain over 10,000,000 volumes of information resources. Books and periodicals are cataloged and arranged on open shelves using the Library of Congress Classification System. Books may be checked out with renewal privileges; periodicals may not be checked out.

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

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

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

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

TAMPALIBRARY

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

The Tampa Library contains a collection of more than 1,091,000 volumes, 10,900 periodicals and 2,797,000 microforms of all types to support a broad range and depth of faculty and student research as well as personal knowledge and cultural advancement.

Reference Collection: The Reference Collection is located on the first floor of the Tampa Library. Reference librarians assist students and faculty with both electronic and print resources, including government documents. Reference assistance is also available online by selecting the Ask-A-Librarian link on our website. The Reference Collection consists of over 40,000 volumes including encyclopedias, dictionaries, indexes, and abstracting services. Reference librarians teach information literacy classes to students and faculty in support of teaching and research using state-of-the-art computer labs and classrooms. The catalog for USF and the other nine state

universities; over 275 databases; full-text material and document delivery services and World Wide Web access. CALL/USF, the fee-based information service for community users, offers document delivery, and customized research.

Periodicals Collection: The Periodicals Collection is located on the second floor with service provided at the Periodical Information Desk and the Copier Assistance Desk. The collection contains more than 4,900 current periodicals and selected newspapers from Florida and major cities in the U.S. and foreign countries. A large collection of periodicals and newspapers in microfiche and microfilm is also located in the Periodicals Microform Room. The Library catalog and Internet workstations provide access to full-text databases and electronic journals. Also located here is a fee-based copy service as well as self-service photocopying equipment.

Government Documents Collection: The Library is a selective depository for United States government publications and a full depository for the public documents of Florida. The Government Documents Collection, which is housed in the basement of the Library, contains over 2 million items, including a wide variety of materials in print, microform, and electronic format. The Collection is augmented by the acquisition of United Nations committee reports on microfiche, selected publications of other public agencies, selected reference tools, and other specialized indexes and finding aids. Assistance with the location and use of publications in the Government Documents Collection is provided at the Reference Desk, which is located on the first floor of the Library. For access to a wide range of online government publications, please visit the Government Documents website at <http://web.lib.usf.edu/tampa/govdocs/>.

Special Collections Department: Located on the fourth floor, this department houses the Library's rare books, Florida history and other special collections, as well as the University's archives. Its holdings total over one million items, with rare and unusual materials ranging from 4,000 year-old Sumerian tablets to modern fine printing. In addition to books, Special Collections houses thousands of historical photographs, early maps, sheet music, printed ephemera and oral histories. The department holds a number of major archival collections, including the papers of Florida governors, congressmen and other political leaders, the Research Collection on the Nixon Presidency, and the records of Tampa's Spanish, Cuban and Italian immigrant mutual aid societies. Also present are the papers and manuscripts of literary figures like Piers Anthony and Dion Boucicault. The department's strongest area of emphasis is Florida history, but it also houses notable collections of historical children's literature, dime novels, early American schoolbooks, and cigar label art. An increasing number of the department's photographs and other resources are accessible on-line. Further information is available through the department's website at <http://www.lib.usf.edu/spccoll/>.

Access Services (circulation, interlibrary services, reserve): Access Services is located on the first floor. The reserve collection contains books, while all articles are on electronic reserve. Faculty may request books and articles to be placed on reserve by going to <http://www.lib.usf.edu/accsvc/resform1.php>. The Electronic Reserve System is accessible on the World Wide Web to any USF student. Circulating books that are shelved on the third through fifth floors can be checked out at the circulation service desk on the first floor. The Library uses an automated circulation system that facilitates easy and quick check out of books. Renewals can be done in person or on our website. A statement of the library's circulation policy is available at the Access Services Service desk and on the USF Library's home page. Interlibrary services can obtain materials from other libraries upon request. Thus students have access to resources beyond the onsite collections at each campus. Forms for requesting materials are located on the Library's home page at <http://www.lib.usf.edu>.

Library Media Resources: The Library Media Resources provides media materials for instruction, research, and curriculum support. Videocassettes, sound recordings, CD-ROMs,

62 ACADEMIC PROGRAMS AND SERVICES

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

slides, kits, and other audio-visual formats as well as music scores are available for loan. The Media Resources Lab provides equipment for individual use of all media in the collection and on reserve. Multi-media rooms are available for group use of the collection.

Instructional and Open-Use Labs: The Library supports three state-of-the-art labs of networked workstations. Two labs, located on the second floor, are reserved for library instruction. The third lab, located on the first floor is jointly maintained with Academic Computing as an open-use lab with facilities for word processing, electronic mail, and printing.

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

ACADEMIC COMPUTING

Web Site: <http://www.acomp.usf.edu>

Helpdesk: LIB 608, phone: (813) 974-1222, Florida toll-free: 1-866-974-1222, email: help-ac@usf.edu, web: <http://help.acomp.usf.edu>

AC Open-Use Lab: LIB 125, phone: 974-7616

AC Trainers: LIB 618A, phone: 974-3286, email:

actrainers@mailman.acomp.usf.edu,

Web: <http://training.acomp.usf.edu>

Campus Network Information Site: <http://www.acomp.usf.edu/network>

Dialup Document Web Site: <http://www.acomp.usf.edu/access>

Netcast Broadcasting Site: <http://www.netcast.usf.edu>

Web Email Access: <https://mailbox.acomp.usf.edu>

Academic Computing provides services in direct support of instruction and research for students and faculty. Faculty at USF can find the resources and support necessary to bring technology into the classroom. Academic Computing administers the servers that are home to the on-line course system that provides a full suite of electronic tools for all classes. For more information see <http://www.acomp.usf.edu/scholar>. Additional services include broadcasting of public and academic lectures and forums over USF's intranet at <http://www.netcast.usf.edu>.

Student support services are provided through the Academic Computing Help Desk, the Academic Computing Open Use Computer Lab, and the Academic Computing Training Center. Walk in assistance for computer questions is provided. All USF students are provided with computing accounts, official USF email and Internet access. Registered students must activate their automatically generated USF NetID, computing account, and password at <https://una.acomp.usf.edu>. The NetID provides access to USF's Webportal (myUSF), web email, Webspace and access to all Open Use Labs at USF. Other services include phone support, on-line help and tutorials, one-on-one chat with Help Desk technicians and training workshops. Employment opportunities for students are available. Check our web site at <http://jobs.acomp.usf.edu> for information.

Academic Computing provides the University with High Performance, High Throughput, and Numerically Intensive Computing through its Research Computing Core Facility (RCCF) division. RCCF maintains three Beowulf class cluster computers, a Condor based grid-computing cluster and a SUN grid engine computing grid. It also maintains and supports licensing of numerically intensive software. Training in some HPC subjects is available online from the RCCF website, <http://rccf.acomp.usf.edu>.

Academic Computing supports the myUSF Portal. This Web Portal gives instructors the ability to put class materials, assessments, and discussion boards online easily. The Portal also makes available space for organizations, groups and clubs, and is customizable to make it more useful to every individual.

Academic Computing provides students and staff who are concerned with the security of their personal computer a variety of information guides as well as free download of McAfee VirusScan on the USF Data Security Web Site, <http://security.usf.edu>. Additionally, all valid USF students are pro-

vided with space for their personal web pages and a free email account they can access through the web from anywhere in the world.

INFORMATION TECHNOLOGIES/CFRDC

Phone: (813) 974-2930

Web Address: <http://usfweb.usf.edu/usfit/>

USF operates a large-scale computing facility designated as the Central Florida Regional Data Center (CFRDC), which provides the primary administrative computing support to the University of South Florida and several other agencies. CFRDC is a division within Information Technologies (IT) and its support staff consists of Computer Operations and Technical Support/Database Administration.

CFRDC utilizes a number of SUN/Solaris servers running Oracle based applications in support of USF, FGCU, NCF, UNF and UWF's Student, Financial, HR, Payroll and Data Warehouse applications. Numerous Windows servers support e-mail, web services, file and print and a variety of other applications. CFRDC administers servers and/or provides tape backup services for several USF departments. IT is heavily involved in the management and operation of the campus-wide backbone network and the I-2 initiative, providing access to research facilities on campus and the world. IT also provides and supports the telephone and voice mail systems at all USF campuses, as well as other entities.

PUBLIC BROADCASTING

WUSF-TV (Channel 16, Tampa) is a noncommercial educational television station serving the communities of the Tampa Bay region as an important outreach arm of the University. One of the most watched public TV stations in Florida, WUSF-TV provides high-quality educational, instructional, informational, cultural, and public affairs television programming and services and broadcasts its programs in analog and digital TV. The station works closely with the School of Mass Communications to provide students with practicum experience. From its new state of the art facility, it serves viewers in the greater Tampa/St. Petersburg/Sarasota areas including Polk, Pasco, and Hernando Counties, as well as USF faculty, staff, students, and other educational agencies. It also provides extensive production and multi-media services to USF academic and support services units including telecourses, training videos, and DVD projects as well as to corporate clients. The station is a member of the Public Broadcasting Service (PBS), National Educational Telecommunications Association (NETA), Florida Public Broadcasting Service Inc. (FPBS), and the American Public Television Station Inc. (APTS). WUSF-TV is a charter member of the Program Resources Group Inc. (PRG).

WUSF (FM) 89.7 MHz (WUSF 89.7, Tampa-St. Petersburg-Clearwater and Sarasota) is a listener supported public radio station that is well known for providing quality in-depth news, classical music, jazz and entertainment programs for the 21st largest radio market in the country. It is the second most listened-to public radio station in Florida and broadcasts in analog and HD radio. WUSF 89.7 features NPR signature programs *Morning Edition* and *All Things Considered*; airs 74 hours of jazz each week overnight and provides entertaining programs such as *Car Talk*, *A Prairie Home Companion*, *Wait Wait... Don't Tell Me* and *This American Life*. WUSF 89.7 produces *The University Beat*, a program devoted to showcasing outreach efforts of the University of South Florida, and *Gulf Coast Showcase*, which focuses on the arts community and broadcasts locally recorded concerts from organizations such as the Florida Orchestra and La Musica of Sarasota. Live performances and interviews are regularly aired from the WUSF Performance Studio with some of the most talented national and local classical and jazz musicians in our area. Over 3.5 million people live within the coverage area which extends north to Crystal River, south to Venice and east to Winter Haven. The station provides production services, studio

rental and recording services to the USF community and corporate clients.

The **WUSF Radio Reading Service (RRS)** improves the lives of listeners who have severely-impaired vision and other disabilities by broadcasting readings of newspapers, magazines and shopping ads. The RRS can be heard 24 hours a day via special receivers that pick up the sub-carrier frequency of WUSF 89.7. These receivers are loaned to qualified listeners. The WUSF-RRS can also be heard on WUSF-TV/Channel 16's Secondary Audio Program (SAP) channel. More than 200 volunteers read live and record from studios in Tampa and at the Sarasota Opera House.

RESEARCH OFFICE

Location/Phone: ADM 200, (813) 974-5570

Web Address: <http://www.research.usf.edu/>

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

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

Research Program (contact Dr. Georg Kleine, kleine@chuma1.cas.usf.edu). In addition, specialized research projects are supported by grants that offer financial support for students. An excellent undergraduate research experience is available through the College of Engineering's Research Experience for Undergraduates (<http://www.eng.usf.edu/%7Eschlaf/REU/>; contact Dr. Rudy Schlaf, email: schlaf@eng.usf.edu). This program offers research assistantships supported jointly by the Office of Research and the College of Engineering, as well as select fellowships funded by the National Science Foundation. The Office of Research also supports the arts and, last year, to honor the anniversary of the discovery of DNA, sponsored an art competition for painting, computer imaging, and sculpting.

From developing a grant proposal or filing a patent, the Research Office staff are trained professionals committed to meeting the needs of USF researchers. In turn, the dedication of USF students and faculty has contributed to the phenomenal growth in research that USF has experienced. In 2003/04, USF received more than \$290 million in research funding. USF got nearly half of its research funding from the federal government.

In addition to the programs noted above, students can become involved in research by contacting faculty, who, with the support of private and public agencies, contribute to our knowledge about the world in which we live and apply their findings and skills to solving many of the problems facing contemporary society. Many contributions evolve from basic research—others, from practical applications of new knowledge. USF encourages research as a vital part of the University's instructional programs. Additional information about services and programs offered by the Research Office is available at: <http://www.research.usf.edu/>.

HONORS COLLEGE

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Tampa Campus

Tampa Campus Location/Phone: SVC 1088; (813) 974-3087

Office Hours: 8 a.m. – 5 p.m., Monday through Friday

Web Address: <http://honors.usf.edu>

Students in the Four Year track take nine Honors courses that examine the nature of human knowledge, ethics, interdisciplinary approaches to the sciences, social sciences, arts and humanities, multiculturalism, and major works and major issues. A Senior Thesis is the culmination of the Honors experience. (Course descriptions appear later in the catalog.) Students also complete six semester hours of English, six semester hours of Mathematics, and five to ten hours of a foreign language. Honors students may satisfy the English, Foreign Language, and Math requirements through Advanced Placement, IB, dual enrollment, or CLEP (See "Academic Programs and Services" section). Honors College Four Year Track students satisfy USF Liberal Arts and Exit Requirements by completing the core Honors courses and the English, Math and foreign language requirements. Enrolling in the Honors College Four Year Track does not generally increase academic workload or the number of credits needed to graduate.

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

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

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

Potential Honors College Two Year Track students are actively recruited, but any interested student who feels that he/she is qualified may request to be considered for admission. Students typically have 3.50 college GPAs and 1200 SAT I or 27 EACT scores. Many scholarships are available for Honors students.

Departmental Honors opportunities are available in some disciplines. Requirements vary according to department, but all require the completion of a Thesis. Students may enroll in both the Honors College and Departmental Honors. Students in both Honors programs are required to complete only one Thesis.

Admission to the Honors College is determined by the University Honors Committee and the Dean of Honors; admission to Departmental Honors is determined by the individual department. Students who satisfactorily complete Honors and graduate with at least an overall GPA of 3.3 and a USF GPA of 3.3 shall be identified as Honors College Graduates at Commencement as well as on their diplomas and transcripts.

USF St. Petersburg has an Honors Program. For additional information, phone (727) 553-3103.

Honors Research Major

The Honors College Research Major (HCRM) is designed primarily for Honors College (HC) students preparing for graduate or professional school, although it would be available to other HC students as well.

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

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

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

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

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

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

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

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

No grade below "B" will be accepted towards the HCRM.

Honors Faculty

Dean: Stuart Silverman; **Associate Dean:** Georg Kleine (Instructors for the Honors courses are recruited from among the University's outstanding teacher-scholars).

McNair Scholars Program

Location/phone: SVC 1088, (813) 974-1605

Web address: http://web.usf.edu/~honors/mcnairscholars/mcnair_index.htm

The Ronald E. McNair Post-Baccalaureate Scholars Program is designed to prepare economically disadvantaged and traditionally underrepresented juniors and seniors for doctoral programs. Special emphasis is placed on the recruitment of students with majors in math, engineering, science, public health, communications, humanities, medical sciences and English. However, other disciplines such as education, social sciences and fine arts are considered. This program encourages graduate studies by providing opportunities for academically talented junior and senior-level undergraduate students to define their career goals, engage in research, develop their personal and professional skills and participate in student/faculty mentor relationships, critical to their success at the doctoral level. Graduate school application assistance is also provided, as well as GRE, GMAT, and MCAT preparation.

McNair Scholars are awarded scholarship stipends when they participate in the Summer Research Institute and during their research internship in their senior year. The Program also provides students with opportunities to attend and present academic papers at national and regional conferences. The criteria for this very competitive scholars program are as follows: 3.0 minimum cumulative GPA, declared major, a minimum of 45 earned credit hours, current enrollment at USF at the junior or senior level, United States citizenship/resident alien status and a completed Ronald McNair application with faculty recommendations.

George Jenkins Scholars Program

Location/phone: SVC 1088, (813) 974-1605

Web address: <http://www.sa.usf.edu/jenkins/>

The Jenkins Scholars Program is one of the highest funded academic scholarships at USF. The George Jenkins Scholarships are funded through the George Jenkins Foundation, which was founded by the late George Jenkins, the initial founder and owner of Publix Supermarkets.

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

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

Kosove Scholarship Program

Location/phone: SVC 1088, (813) 974-3087

Web address: <http://usfweb2.usf.edu/finaid2/Website/Kosove.htm> or <http://usfweb2.usf.edu/scholarships/Kosove.asp>

The Kosove Scholarship

The Kosove Scholarship Program makes annual, renewable scholarship awards to undergraduate and graduate stu-

dents. These awards pay the full cost of Florida-resident tuition, books, housing and food service, or the equivalent costs for students living off-campus. Awards are made for four academic years (fall and spring) to undergraduate freshman, for two academic years to currently enrolled students and transfers, and for two academic years to graduate students.

Academic criteria are used as starting points in the selection process. Assuming academic criteria are met, Kosove Scholars are selected through a rigorous examination of leadership abilities, commitment to community service and demonstrated concern for the global society.

Goals of the Kosove Society

When A. Harrison and Ruth Kosove founded the Kosove Society in 1983, they envisioned a close network of individuals from all professions and fields of study working together as leaders in building a better community for the Tampa Bay area and beyond. The Kosove Society is comprised of current and past Kosove scholarship recipients. To achieve these ambitious and important goals, members of the Kosove Society must be willing to bear a continuing responsibility to service throughout their lives.

- To assume a role of leadership in the USF community by promoting responsible inquiry and debate over issues of genuine concern to the university population.
- To exemplify responsibility as educated citizens through active community service.
- To strengthen and sustain the friendship network which exists between all members of the Kosove Society through social activities and the induction of motivated members.

SCHOOL OF ARCHITECTURE AND COMMUNITY DESIGN

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Location/ Phone: 3702 Spectrum Blvd. #180, Tampa, FL 33612; (813) 974-4031

Web Address: www.arch.usf.edu

E-mail: information@arch.usf.edu

MISSION

The School of Architecture and Community Design, founded in 1986, emphasizes architecture and community design proficiency, technical competency, and applied research that constitute thorough preparation for practice, now and into the 21st century. The School seeks to create environments in which students and faculty can:

- Experience and appreciate the poetry of architecture;
- Study the myriad forms of community and human habitat;
- Understand how past designs can inform future possibilities;
- Master the technologies necessary to create a sound, ecological world;
- Develop a vision of what such a world might be;
- And, then assume leadership roles in helping achieve this vision.

Students enrolled in the degree programs, or involved in the School's research center—Florida Center for Community Design and Research—bring with them diverse educational and professional experiences in a variety of disciplines. Together, they create an ambience in which varied aspects of design, planning, development, history, culture, economy and the environment are explored as one comprehensive entity within a framework provided by one of the world's most comprehensive professions: architecture.

The School nurtures students' creative efforts, intellectual development, and judgment in individual and collective efforts to create the built environment. Students build professional skills and learn to function within a set of ethics consistent with community-based values. In recognition of the university's unique location in one of the Southeast's largest and fastest growing metropolitan areas, the School emphasizes urban architecture and related topics in the professional curriculum, as well as elective opportunities that focus on urban issues.

The School is also dedicated to making the public more aware of the importance of the natural, social, and built environment through active public service grounded in excellent education opportunities.

ARCHITECTURE STUDIES FOR UNDERGRADUATES

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

M. Arch. Program for non-degree holding students

For non-degree holding students, the School's professional program involves a minimum of 165 credit hours of undergraduate and graduate work, leading to the M. Arch. degree. No bachelor's degree is awarded.

Before entering the program, students are to complete a minimum of 60 credit hours of general education and prerequisite courses at a community college (in an associate of architecture transfer program), the University of South Florida, or other college or university. Having completed these requirements, students will complete the School's 105 credit hour, M. Arch. program. In recognition of students' various personal and economic needs, the School has designed three different 105 credit hours tracks, an 8-semester track, a 10-semester track, and an 11-semester track.

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

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

- a. ARC 2001 – Introduction to Architecture – 3 cr. hrs.
- b. ARC 2131 – Introduction to Architectural Design/Graphics – 4 cr. hrs.
- c. creative art or design courses – 8 cr. hrs. (minimum)
- d. an undergraduate course in Calculus;
- e. an undergraduate course in Physics; and
- f. an undergraduate course in Computer-Aided Drafting (CAD)
- g. a GRE Test Score.

M. Arch. Program for students with a 2-year Associate's Degree in Architecture

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

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

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

Architecture Courses for undergraduate not seeking the M. Arch. degree

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

Admission into the School of Architecture and Community Design

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

RESEARCH AND OTHER ACTIVITIES

Florida Center for Community Design and Research

The Florida Center is a non-profit public service institute of the School of Architecture and Community Design. It was founded in 1986 to assist the citizens of Florida in the creation

of more livable and sustainable communities through applied community design, multi-disciplinary research, and public education. The diverse staff includes architecture faculty and students, research scientists, and programmer analysts. In addition, the Center has affiliated faculty or graduate students from the Department of Anthropology, Biology, Fine Arts, Geography, and Social Work.

Lectures/Exhibits: Throughout the year, nationally and internationally known architects, planner, landscape architects, and others participate in the School's lecture series. The School also exhibits outstanding work of students, alumni/ae, and professionals at galleries at USF and elsewhere in Tampa.

Student Groups: Students at USF have access to a wide range of activities within the School of Architecture and Community Design and elsewhere in the university and community. At the school, one may join the American Institute of Architecture Students (AIAS) and the Architecture College Council. Students participate in a wide range of school governance committees and task forces.

Study Abroad: The School sponsors summer study abroad programs in London, Spain, Italy, and other locations.

Accreditation and Licensure: Applicants for architectural licensure in Florida, and most jurisdictions in the United States, normally must have:

- earned a professional degree from a School accredited by the National Architectural Accrediting Board (NAAB)
 - completed the Intern Development Program (IDP)
 - passed the Architect Registration Examination (ARE)
- According to the 1998 edition of the NAAB Conditions and Procedures:

"In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit US professional degree programs in architecture, recognized two types of degrees: The Bachelor of Architecture and the Master of Architecture. A program may be granted a six-year, three-year, or two-year term of accreditation, depending on its degree of conformance with established educational standards. Masters degree programs may consist of pre-professional undergraduate degree and a professional graduate degree, which, when earned sequentially, comprise an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree."

The Master of Architecture program at USF is fully accredited.

COLLEGE OF ARTS AND SCIENCES

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

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

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

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

General Information

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

Community Initiative

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

Undergraduate Advising Information

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

Advising Offices

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

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

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

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

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

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

Office Hours

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

Undergraduate Admission to the College of Arts and Sciences

Admission to the College of Arts and Sciences is open to students who have been accepted to the University of South Florida and who declare a major in a particular field. Liberal Studies, Mass Communications, and Social Work are *limited access degree programs* and have additional requirements listed under "Departments and Programs." Although Communications and Biology are not limited access programs, they do have restrictive admission requirements.

Undergraduate students must submit a formal application for admission into the College. This usually occurs during orientation and advising for new students. This application is also available in the Arts and Sciences Office of Graduate and Undergraduate Studies (BEH 201) for continuing students. Students preparing for a science or mathematics career must plan their courses carefully because of the sequential nature of the science curricula. Students seeking entrance into a professional school or the medical technology internship program require specialized counseling, therefore, immediate application for admission into the College is strongly recommended.

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

General Requirements for B.A./B.S./B.S.W. Degree

Within the College of Arts and Sciences

The College of Arts and Sciences offers three undergraduate degrees: Bachelor of Arts, Bachelor of Science, and Bachelor of Social Work. The Bachelor of Independent Studies is no longer accepting new students.

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

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

3. Complete the Foreign Language Entrance Requirement if entering USF fall semester, 1987 or later. Students pursuing a B.A. degree must complete the Foreign Language Exit Requirement.
4. Students enrolling in a college in January, 1983 or after must satisfy State Rule 6A-10.30 (Gordon Rule) concerning computation and communications. Transfer students who enter the University of South Florida with 60 or more semester hours from a regionally accredited institution are considered to have met the communications portion of the Gordon Rule.
5. Complete Liberal Arts Requirements (for more information, see section titled "Liberal Arts Requirements.")
General Education Requirements 36 hours credit:
Six (6) hours credit in English Composition
Six (6) hours credit in Quantitative Methods
Six (6) hours credit in Natural Sciences
Six (6) hours credit in Social Sciences
Six (6) hours credit in Historical Perspectives
Three (3) hours credit in Fine Arts
Three (3) hours credit in African, Latin American, Middle Eastern, or Asian Perspectives
Exit Requirements 9 hours credit
Six (6) hours credit in Major Works and Major Issues
Three (3) hours credit in Literature and Writing
6. Elective Physical Education is limited to 2 semester hours.
7. ROTC is limited to 9 semester hours.
8. When double majoring a maximum of 2 courses or 8 hours may be used to satisfy requirements between majors.
9. Maximum of 20 hours of S/U option. S/U contracts must be negotiated in writing within the first three (3) weeks of the term. None of the 20 credits may be taken in the student's major unless S/U is the only grading option. English 1101 or 1102 may not be taken S/U.
10. The Audit option is available only during the first 5 days of classes; none permitted later.
11. Complete at least 9 semester hours during summer terms if entering USF with fewer than 60 semester hours.
12. "D" grades are not acceptable in the major and supporting sciences for all natural sciences majors. "D" grades are not acceptable for the major area in Communication, Communication Sciences and Disorders, English, Geography, Gerontology, History, Humanities, Mass Communications, Psychology, Social Work, and Sociology. Only one "D" is allowed in the major for Criminology. (Important! All grades including "D"s and "F"s are used to calculate gpa's for students in the College of Arts and Sciences.)
13. Complete all major course requirements.
14. Complete a minimum of 48 hours of upper-level courses (numbered 3000 or above). Lower-level course work from 2-year or 4-year schools, though, equivalent to a 3000-level course at USF, does not meet this requirement.
15. Thirty (30) of the last 60 semester hours must be completed at USF to fulfill the residency requirement.
16. Biology, Biomedical Sciences, Chemistry, Criminology, Economics, English, Gerontology, Interdisciplinary Natural Sciences, Mass Communications, Mathematics, Physics, Political Science, Religious Studies, and Sociology have established minimum major course hours to be taken in residency at USF. See the department section of the catalog for these credit-hour requirements. In addition, all students who have majors in arts and letters and in the social sciences must take a minimum of 80 hours outside of the major department.
17. Students must satisfy CLAST (College Level Academic Skills Test).

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

Note: The College of Arts and Sciences will not accept graduation applications from potential baccalaureate students who have previously been denied graduation three

times. Upon the third denial, the students will be informed in writing that they may only reapply with documentation that they have met all outstanding baccalaureate graduation requirements.

DEPARTMENTAL MINOR

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

Certain restrictions apply to students earning a minor: (a) students may not use courses in the major for the minor; and (b) ISS majors may not earn a minor in any of the cognate areas incorporated in their contracts. In some departments, S/U grades within the minor curriculum are not countable. Specific requirements for the different minors appear under the departmental summaries listed under "Departments and Programs."

Baccalaureate-Level Degree Programs

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

BACHELOR OF ARTS (B.A.)

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

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

BACHELOR OF SCIENCE (B.S.)

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

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

Social Work (SOK)

Honors Programs

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

Special Programs**COMMUNITY EXPERIENTIAL LEARNING PROGRAM**

The Community Experiential Learning (CEL) Program offers students the opportunity to explore the relationship between their classroom learning and the broader community. With faculty guidance, students design their own community experiences and receive between one and four academic credit(s) upon completion. Students may choose to

work as an intern with a community organization/agency or to explore a community issue through independent research. The community can be as close as a neighborhood just beyond the campus or on the other side of the world.

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

CERTIFICATES OF CONCENTRATION**Certificate Programs**

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

CERTIFICATE IN ASIAN STUDIES

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

Requirements for the Certificate in Asian Studies:

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

*Courses credited toward the Asian Studies Certificate:***Group A***Art:*

ARH 4530 (4) ARH 4796 (4)

Humanities:

HUM 3271 (4) HUM 3273 (4) HUM 4402 (4)

HUM 4404 (4) HUM 4405 (4)

Languages:

CHI 1120 (4) CHI 1121 (4) CHI 2200 (4)

CHI 2201 (4) CHI 4905 (1-5) CHI 4930 (1-5)

JPN 1120 (4) JPN 1121 (4) JPN 2000 (3)

JPN 2201 (3) JPN 4905 (1-5) JPN 4930 (1-5)

Religion:

REL 3330 (3) REL 4343 (4) REL 3350 (3)

REL 4333 (4) REL 4344 (4)

Group B*Geography:*

GEA 3194 (4)*

History:

ASH 3404 (4) ASH 3501 (4)

Int'l Studies:

ASN 3012 (3) ASN 3014 (3) ASN 3105 (3)

INR 4900 (1-3)* INR 4910 (1-3)*

Political Science:

CPO 4930 (3)* CPO 5934 (3)

INR 5086 (3)

* with approval by the Advisor for the Certificate in Asian Studies

The advisor for the Certificate in Asian Studies is Eric Wolters. He may be contacted at SOC 368, 813-974-0803.

CERTIFICATE IN ITALIAN STUDIES

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

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

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

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

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

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

I. Language Requirement:

Students must demonstrate proficiency in Italian or complete two semesters of language courses chosen from the following courses.

ITA 1120 Beginning Italian I
ITA 1121 Beginning Italian II
ITA 2200 Intermediate Italian I
ITA 2240 Italian Conversation I
ITA 2241 Italian Conversation II
ITA 3420 Composition
LAT 1120 Beginning Latin I

II. Core Courses:

Each student will take three courses from the following list. However, only one course will be allowed from each department.

ARH 4301 Renaissance Art
ITW 4100 Survey of Italian Literature I
ITW 4101 Survey of Italian Literature II
HIS 3930 Renaissance Society
HIS 3930 The Italian Diaspora
HUM 4437 Italian Renaissance Culture

III. Elective Courses:

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

Anthropology:

ANT 4143 European Archaeology
ANT 4930 Mediterranean Archaeology

Art History:

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

English:

LIT 4930 Italian Cinema

Government and International Affairs:

POT 4936 Selected Topics in Political Theory

History:

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

Humanities:

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

World Language Education:

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

Theatre:

THE 4480 The Theatre of Luigi Pirandello

Certificate in Latin American and Caribbean Studies

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

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

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

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

The following courses are a sample of courses offered that fulfill the certificate requirements. However, these should be

considered as a partial list only. The student is strongly encouraged to review the *Schedule of Classes* each semester for current course offerings.

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

5) Others

ECO 4935 The Economics of Latin America

REL 3375 Issues in Caribbean Religions

See also: Sociology, Economics, Study Abroad.

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

CERTIFICATE IN MODERN WESTERN EUROPEAN STUDIES

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

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

1) Language Requirement (6)

Students will enroll in two additional semesters of the foreign language they have taken in fulfillment of the College of Arts and Sciences language requirement.

2) Core Courses (9-10)

Students will take a total of three courses from the following; one of them must be either EUS 3000 or GEA 3500.

- EUS 3000 Europe
- GEA 3500 Geography of Europe
- EUH 3206 History of Twentieth Century Europe
- HUM 3251 Studies in Culture: The Twentieth Century
- LIT 3144 Modern European Novel
- PHM 4331 Modern Political Philosophy

3) Elective Courses (6-8)

A. Overseas Experience

Students should make Western European study and travel an important component of their academic work. They are required to enroll for at least 3 elective credit hours in courses that involve Western European study and travel. These may be taken in one of three ways:

1. as IDS 4955 (Off-Campus Term International Program),
- 2.*as one or two of the courses listed below as Elective Courses, or
- 3.*as part of overseas study courses offered by other USF colleges and other universities.

**Elective courses under options (2) and (3) will be chosen in consultation with the Coordinator and an Advisory Committee.*

Western European study and travel allows students to concentrate on one of the areas of electives. Students may want to use overseas experience credits to fulfill their summer enrollment requirement.

A structured alternative experience in the United States may be substituted for the Overseas Experience. The Certificate accepts IDS 4943 (Off-Campus Term Special Project) or any of the courses listed below as Elective Courses for credit for this requirement. Coordinator, Advisory Committee and student will tailor the experience to fit the student's individual needs.

B. English (3)

- ENL 3230 British Literature 1616-1780
- ENL 3251 British Literature 1780-1900
- ENL 3273 British Literature 1900-1945
- ENL 3331 Early Shakespeare
- ENL 3332 Late Shakespeare
- LIT 3102 Literature of the Western World II

C. History (1-4)

- EUH 3142 Renaissance and Reformation
- EUH 3202 History of 17th and 18th Century Europe
- EUH 3205 History of 19th Century Europe
- EUH 3206 History of 20th Century Europe
- EUH 3461 German History to 1870
- EUH 3462 German History 1870 to Present
- EUH 3501 British History to 1688
- EUH 3502 British History 1688 to Present
- HIS 3930 Special Topics
- HIS 4900 Directed Reading

D. Humanities and American Studies (1-4)

- HUM 4437 Italian Renaissance Culture
- HUM 4438 Northern Renaissance Culture
- HUM 4440 Arts and Letters in the 17th and 18th Centuries
- HUM 4442 Arts and Letters of the Romantic Period
- HUM 4444 19th Century European Arts and Letters
- HUM 4445 20th Century European Arts and Letters
- HUM 4905 Directed Study
- HUM 4941 Study on Location

E. Government and International Affairs (3)

- CPO 4930 Comparative Government and Politics
- INR 3955 Overseas Study
- POS 3931 Selected Topics
- POS 4905 Independent Study
- POT 4054 Modern Political Theory

F. World Language Education (1-4)

(Note: the student should take courses from the list

below after completing the two additional semesters of the foreign language requirement (see I) or, if already advanced in a language, with the instructor's approval. These courses are generally taught in the target language.)

FRENCH

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

GERMAN

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

ITALIAN

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

SPANISH

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

G. Philosophy (3)

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

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

CERTIFICATE IN RUSSIAN STUDIES

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

Language-Linguistics-Literature

Twelve hours from the following courses, 8 of which must be in language:

LIN 4930 Selected Topics in Linguistics* (1-3)
 RUS 2200 Russian III (4)
 RUS 2201 Russian IV (4)
 RUS 3240 Conversation I (4)
 RUS 3500 Russian Civilization (3)
 RUS 4241 Conversation II (4)
 RUT 3110 Russian Classics in Translation (3)
 RUT 3111 Twentieth Century Russian Literature in Translation (3)
 RUS 2270 Overseas Study (1-6)
 RUS 3470 Overseas Study (1-6)
 RUS 4471 Overseas Study (1-6)

History-Political Science-Economics

Six to eight hours from the following courses:
 CPO 2002 Introduction to Comparative Politics (3)
 CPO 4930 Comparative Government

and Politics* (3)
 ECO 4323 Radical Political Economy (3)
 ECO 4935 Russian Political Economy (3)
 EUH 3574 Russian History to 1865 (4)
 EUH 3576 Russian History from 1865 to Present (4)

International Studies-Geography-Philosophy:

Six to eight hours from the following courses:

EUS 3022 Russia (3)
 GEA 3500 Geography of Europe -6A (4)
 INR 5086 Issues in International Relations (3)
 INR 3018 World Ideologies (3)
 INR 3770 Comparative Military Systems (3)
 INR 4900 Directed Readings* (1-4)
 INR 4910 Directed Research* (1-4)
 INR 3955 Overseas Study* (1-6)
 INR 4931 Selected Topics* (1-4)
 PHP 4788 The Philosophy of Marxism (3)

*When topic is defined as Russian or directly related area.

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

CERTIFICATE IN URBAN STUDIES

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

1) Core Courses (9-10 credits)

URS 3002 Introduction to Urban Studies (3)
 And 2 of the following:
 ANT 4442 Urban Life and Culture (3)
 ARC 4784 The City (3)
 ECP 3613 Economics of the Urban Environment (3)
 GEO 3602 Urban Geography (4)
 ISS 3930 Community Studies (3)
 ISS 4162 City and Urbanization (3)
 POS 3142 Introduction to Urban Politics and Government (3)

SYD 4410 Urban Sociology or (3)

Courses may have prerequisites within the discipline.

2) Methods Courses (select 1 of the following: 3-4 credits)

ANT 4495 Methods in Cultural Research (3)
 ANT 4930 Social Networks (3)
 ECO 4935 Economics Statistics (3)
 POS 3713 Empirical Political Analysis (3)
 STA 2122 Social Science Statistics (3)
 SYA 3300 Research Methods (3)
 SYA 3310 Qualitative Inquiry (3)
 GEO 3164C Quantitative Methods (4)
 GEO 4100C Cartography (4)
 GEO 4114C Geographic Techniques and Methodology (4)
 GEO 4151C Geographic Information Systems (4)
 GEO 3164C Quantitative Methods (4)

Courses may have prerequisites within the discipline.
3) Electives (select 4 from the following list or from the CORE COURSES not counted above: minimum of 12 credits)

Africana Studies

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

Anthropology

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

Communication

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

Civil and Environmental Engineering

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

Criminology

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

Economics

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

Geography

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

Gerontology

- GEY 3323 Community Services for Older Adults (3)

History

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

Humanities and American Studies

- AMS 3700 Racism in American Society

Political Science

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

Psychology

- SOP 4714C Environmental Psychology (3)

Public Administration

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

Social Work

- SOW 3203 The American Social Welfare System (3)

Sociology

- SYO 3120 Sociology of Families (3)
SYO 3530 Poverty, Inequality, and Stratification (3)
SYD 3700 Racial and Ethnic Relations (3)
SYP 4510 Sociological Aspects of Deviance (3)
SYP 4530 Sociology of Juvenile Delinquency (3)
4) Internships (1 of the following can be substituted as an ELECTIVE)
CCJ 4940 Internship for Criminal Justice Majors (3)
HUM 4941 Study on Location (3)
IDS 4942 CEL Community Internship (3)
IDS 4956 CEL International Community Internship (3)
POS 4941 Field Work (3)
SYA 4949 Sociological Internship (3)

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

Health Professions

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

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

Students considering one of the health professions should contact the College of Arts and Sciences during the first semester at USF to declare their interest in a health professions program.

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

- Medical
- Dental
- Optometry
- Physical Therapy
- Veterinary Medicine
- Pharmacy
- Physician Assistant

Students who are interested in University of Florida, College of Dentistry School should check their web sites, <http://www.dental.ufl.edu>, regarding a special honors program.

Requirements for Health Professions Schools

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

Biology

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

Chemistry

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

Physics

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

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

Requirements for B.S. Degree for Early Admission Students

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

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

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

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

subject to the following conditions:

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

Biology

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

Plus two of the following biology courses, including at least one with a laboratory (minimum 7 semester hours):

PCB 3023, 3023L	Cell Biology (lab optional)	(3-4)
PCB 3063, 3063L	General Genetics (lab optional)	(3-4)
MCB 4502	Virology	(3)
MCB 4115	Determinative Bacteriology	(5)
MCB 5815	Medical Mycology	(3)
PCB 4064	Experimental Genetics	(3)
PCB 4723	Animal Physiology	(3)
PCB 4723L	Animal Physiology Lab	(1)
PCB 5235	Principles of Immunology	(3)
ZOO 3323C	Anatomy of Chordates	(4)
ZOO 3713	Comparative Vertebrate Anatomy	(4)
ZOO 4603	Animal Embryology	(4)
ZOO 4753C	Histology	(4)

Chemistry

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

Physics

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

Mathematics

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

Plus either the second semester of a calculus sequence

OR		
STA 2023	Introductory Statistics I	(4)

4. Completion of the University's General Education and Exit Requirements.

5. Completion of the last 30 hours prior to transfer to a medical or dental school in residence at the University of South Florida.

6. Application for the degree must be received no later than two years from the date of entrance into the professional school.

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

TEACHER EDUCATION PROGRAMS

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

B.S. Degree Programs for Secondary School Teachers

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

DEPARTMENTS AND PROGRAMS

• AFRICANA STUDIES (AFA)

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

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

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

AFA 2000	Introduction to the Black Experience In Africa & Its Diaspora	3
AFS 2250	Culture and Society in Africa	3
AMH 3571	African-American History I	3
AMH 3572	African-American History II	3

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

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

Requirements for the Major in Africana Studies

Beyond the recommended prerequisites, the major in Africana Studies consists of a minimum of 36 hours. Students may choose an area of emphasis in African American Studies, African Studies, or Africana Studies. The requirements for the majors are as follows:

Major requirements for the B.A. Degree (36 Credit Hours)		
AFA 2000	Introduction to the Black Experience in Africa and its Diaspora	(3)

AFH 3100	African History to 1850	(3)
AFH 3200	African History Since 1850	(3)
AMH 3571	African-American History to 1865	(3)
AMH 3572	African-American History Since 1865	(3)

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

African American Studies (Suggested)

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

African Studies (Suggested)

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

Africana Studies (Suggested)

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

Requirements for the Minor in Africana Studies

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

Minor Requirements (18 Hours): Three Options

Africana Studies- Option I

Required Core Classes (9 Hours)

- AFA 2000 Introduction to the Black Experience
[In Africa and Its Diaspora] (3)
AFH 3100 African History To 1850 (3)
or
AFH 3200 African History Since 1850
AMH 3571 African American History To 1865 (3)
or
AMH 3572 African American History Since 1865

Elective Classes (Select 9 Hours)

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

African American Studies-Option II

Required Core Classes (9 Hours)

- AFA 2000 Introduction to the Black Experience
[In Africa and Its Diaspora] (3)
AMH 3571 African American History to 1865 (3)
AMH 3572 African American History Since 1865 (3)

Elective Classes (Select 9 Hours)

- AFA 4150 Africa and the United States (3)
AFA 4331 Social Institutions and the African-
American Community (3)
AFA 4335 Black Women in America (3)
AFS 4311 The African Diaspora: Blacks in
the Construction of the Americas (3)
HUM 2420 Arts and the Music of the African People (3)
PHM 4120 Major Black Thinkers (3)

African Studies-Option III

Required Classes (9 Hours)

- AFH 3100 African History to 1850 (3)
AFH 3200 African History Since 1850 (3)
CPO 4204 Government and Politics of Africa (3)
INR 4254 Africa in World Affairs (3)

Electives (Select 9 Hours)

- AFA 4150 Africa and the United States (3)
AFA 4931 Selected Topics in Africana Studies (1-3)
CPO 4244 Government and Politics of East,
Central, and Southern Africa (3)
HUM 2420 Arts and Music of the African People (3)
INR 4254 Africa in World Affairs (3)

• AMERICAN STUDIES (AMS/HUM)

See "Humanities & American Studies."

• ANTHROPOLOGY (ANT)

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

The Department of Anthropology is concerned with applying anthropological knowledge, theory, method, and perspectives to problems of contemporary society. Illustrative areas of activity include human services needs assessment,

program planning and evaluation, public archaeology, social and environmental impact assessment, public policy analysis, and applied linguistics.

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

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

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

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College:

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

Requirements for the Major in Anthropology

Beyond the recommended prerequisites listed above, the major in Anthropology consists of a minimum of 36 credit hours. In order to graduate, students must maintain an average best attempt 2.5 GPA in all courses counted toward the major. In addition, students must have a minimum C (2.0) grade in all classes that count towards the major, including specifically required classes and electives. A C- grade is not acceptable. ANT 2000 is prerequisite to all subsequent courses. ANT 3101, ANT 2410, ANT 2511 and ANT 3610 are required as intermediate level training in the main subdivisions of the field, and ANT 4034 and ANT 4935 complete the specific requirements. Majors are required to complete a minimum of 15 hours of 4000-level elective coursework, including courses from at least three of the four subfields shown below. A minimum of three (3) of these 15 credits must be selected from a list of designated methods courses. Methods courses may also be counted toward the subdivision requirement.

Required Core Courses

- ANT 2000 Introduction to Anthropology (4)
ANT 2410 Cultural Anthropology (3)
ANT 2511 Biological Anthropology (3)
ANT 3101 Archaeology (3)
ANT 3610 Anthropological Linguistics (3)
ANT 4034 Theories of Culture (3)
ANT 4935 Rethinking Anthropology (3)

Archaeology

- ANT 4142 Old World Archaeology (3)
ANT 4143 European Archaeology (3)

ANT 4147 Environmental Archaeology	(3)
ANT 4153 North American Archaeology	(3)
ANT 4158 Florida Archaeology	(4)
ANT 4165 South American Archaeology	(3)
ANT 4163 Mesoamerican Archaeology	(3)
ANT 4172 Historical Archaeology	(3)
ANT 4180 Laboratory Methods in Archaeology	(2-4)
ANT 4181 Museum Methods	(4)
ANT 4183C Archaeological Science	(4)
ANT 4195 Fantastic Archeology	(3)
ANT 4824 Archaeological Field Methods	(4-12)
Biological Anthropology	
ANT 4520 Forensic Anthropology	(4)
ANT 4586 Prehistoric Human Evolution	(3)
ANT 4587 Human Variation	(3)
Anthropological Linguistics	
ANT 4620 Language and Culture	(3)
ANT 4750 Language and Social Interaction	(3)
Cultural Anthropology	
ANT 4231 Folklore	(3)
ANT 4241 Magic and Religion	(3)
ANT 4285 Oral History	(3)
ANT 4302 Gender in Cross-Cultural Perspective	(3)
ANT 4312 North American Indians	(3)
ANT 4316 Ethnic Diversity in the United States	(3)
ANT 4323 Mexico and Central America	(3)
ANT 4340 The Caribbean	(3)
ANT 4390 Visual Anthropology	(3)
ANT 4432 The Individual and Culture	(3)
ANT 4442 Urban Life and Culture	(3)
ANT 4462 Health, Illness, and Culture	(3)
ANT 4495 Methods in Cultural Research	(3)
ANT 4701 Applied Anthropology	(3)
URS 3002 Introduction to Urban Studies	(3)
Methods	
ANT 4180 Lab Methods in Archaeology	(2-4)
ANT 4181 Museum Methods	(4)
ANT 4183C Archaeological Science	(4)
ANT 4285 Oral History	(3)
ANT 4390 Visual Anthropology	(3)
ANT 4495 Methods in Cultural Research	(3)
ANT 4520C Forensic Anthropology	(4)
ANT 4824 Archaeological Field Methods	(4-12)
Special Topics	
ANT 4930 Special Topics	(3)
Depending upon the specific topic, this may count toward any of the subdivisions and/or the methods requirement.	

Anthropology majors are urged to become competent readers and speakers of a relevant modern foreign language (which may include American Sign Language). They are also urged to enhance their English reading, writing, speaking and critical thinking capabilities and develop their skills in computational, statistical and other forms of quantitative analysis at every opportunity. Students are encouraged to fulfill General Education and Exit requirements with courses relevant to their interests in anthropology whenever possible. In pursuit of all these goals, they should meet with the department's Undergraduate Advisor at least once each semester to discuss such topics as academic progress, future course plans, Department Honors Program, summer field schools, job opportunities, graduate education and professional careers in anthropology.

Requirements for the Minor in Anthropology

The minor in Anthropology consists of a minimum of 18 credit hours with a "C" average (2.0), distributed among three areas. Students will normally progress through these areas in the order listed below, selecting courses prerequisite or

otherwise appropriate to courses desired in subsequent areas. Exceptions to this pattern must be approved by the department's undergraduate advisor. Students are urged to consult with advisor to create the most beneficial set of courses.

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

Requirements for the Anthropology Honors Program

The purpose of the Honors Program is to provide outstanding Anthropology undergraduates with advanced, individually tailored training in areas of anthropology of interest to them. The program, operating independently of the major itself, involves a year of coursework and research culminating in the writing of an Honors thesis. Students in the second semester of their junior year, prior to completion of 90 semester hours, may apply to the program, which begins in the Fall semester. Admission is competitive, based on the student's overall academic record (minimal 3.0 GPA overall, 3.5 GPA for USF anthropology course work) and a letter of recommendation from a member of the Department of Anthropology. Successful completion of the program requires maintenance of a 3.0 overall and a 3.5 in the major, completion of ANT 4932 (4) (Honors Seminar) with a grade of "B" or better, completion of ANT 4970 (3) (Honors Thesis) with a grade of "S," and completion of all other requirements for graduation. See the Anthropology Department Undergraduate Advisor for further information and application forms.

• BIOLOGY (BIO/MRN/MIC)

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

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

Requirements for Entrance into either the Biology or Microbiology Degrees

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

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

Requirements for Entrance into the Biology Degree with a Concentration in Marine Biology

Student applies to Marine Biology Program after meeting all entrance requirements of BIO major. In addition, a student must have a major GPA of at least 3.0 at the time of application and maintain a major GPA of at least 3.0 throughout the Program.

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

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

BSC 1010/1010L

Introduction to Biology I-Cellular Processes (with lab)

Acceptable substitutes: PCB X010, PCB X011, PCB

X021, PCB X131, BSC X040, BSC 2012

BSC 1011/1011L

Introduction to Biology II-Diversity (with lab)

Acceptable substitutes: ZOO X010, BOT X010, BSC

X041, BOT X013

CHM 1045/1045L General Chemistry I (with lab)

CHM 1046/1046L General Chemistry II (with lab)

CHM 2210/2210L Organic Chemistry I (with lab)

Acceptable substitutes: PHY 3043/3043L, PHY 3048/

3048L, PHY 3049/3049L, or equivalent

CHM 2211/2211L Organic Chemistry II (with lab)

Acceptable substitutes: PHY 3053/3053L, PHY 3048/

3048L, PHY 3049/3049L, or equivalent

MAC X311 Calculus I

Acceptable substitutes: MAC 2233, MAC 2253, MAC

X281

MAC X312 Calculus II

Acceptable substitutes: STA 2122, 2014, 2023, 2034,

2321 or equivalent; MAC 2234, 2254, 3282

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

Required Courses for the Biology Major

1. Department of Biology Courses-minimum 40 credit hours

a. BSC 2010 Biology I Cellular Processes (3)

BSC 2010L Biology I Cellular Processes

Laboratory

(1)

BSC 2011 Biology II Diversity

(3)

BSC 2011L Biology II Diversity Laboratory

(1)

b. PCB 3023 Cell Biology

(3)

PCB 3043 Principles of Ecology

(3)

PCB 3063 General Genetics

(3)

c. **ONE** of the following:

PCB 3023L Cell Biology Laboratory

(1)

PCB 3043L Principles of Ecology Laboratory

(1)

PCS 3063L General Genetics Laboratory

(1)

d. **ONE** of the following (with laboratory):

MCB 4404 Microbial Physiology and Genetics

(4)

PCB 4723 Animal Physiology

(3)

BOT 4503 Plant Physiology

(3)

e. The remaining credit hours to meet the minimum requirements must come from among structured de-

partmental courses that are applicable to the major and BCH 3023. At least eight (8) of these credit hours must be at the 4000 level or higher.

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

g. A minimum of 20 hours of Biology courses must be taken in residency and be applicable to the major.

2. Supporting Courses in the Natural Sciences-minimum 32 credit hours

a. CHM 2045 General Chemistry I (3)

CHM 2045L General Chemistry I Laboratory

(1)

CHM 2046 General Chemistry II

(3)

CHM 2046L General Chemistry II Laboratory

(1)

b. CHM 2210 Organic Chemistry I

(3)

CHM 2210L Organic Chemistry I Laboratory

(2)

CHM 2211 Organic Chemistry II

(3)

CHM 2211L Organic Chemistry II Laboratory

(2)

c. MAC 2241 Life Sciences Calculus I

(4)

and

MAC 2242 Life Sciences Calculus II

(4)

OR

MAC 2281 Engineering Calculus I

(4)

and

MAC 2282 Engineering Calculus II

(4)

OR

MAC 2311 Calculus I

(4)

and

MAC 2312 Calculus II

(4)

OR

STA 2023 Introductory Statistics I

(4)

(may be substituted for Calculus II)

d. PHY 2048 General Physics I

(3)

PHY 2048L General Physics I Laboratory

(1)

PHY 2049 General Physics II

(3)

PHY 2049L General Physics II Laboratory

(1)

OR

PHY 2053 General Physics

(3)

PHY 2053L General Physics Laboratory

(1)

PHY 2054 General Physics

(3)

PHY 2054L General Physics Laboratory

(1)

3. Meet all College and University requirements.

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

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

BSC 1010/1010L

Introduction to Biology I-Cellular Processes (with lab)

Acceptable substitutes: PCB X010, PCB X011, PCB

X021, PCB X131, BSC X040, BSC 2012

BSC 1011/1011L

Introduction to Biology II-Diversity (with lab)

Acceptable substitutes: ZOO X010, BOT X010, BSC

X041, BOT X013

CHM 1045/1045L General Chemistry I (with lab)

CHM 1046/1046L General Chemistry II (with lab)

CHM 2210/2210L Organic Chemistry I (with lab)

Acceptable substitutes: PHY 3043/3043L, PHY 3048/

3048L, PHY 3049/3049L, or equivalent

CHM 2211/2211L Organic Chemistry II (with lab)

Acceptable substitutes: PHY 3053/3053L, PHY 3048/

3048L, PHY 3049/3049L, or equivalent

MAC X311 Calculus I

Acceptable substitutes: MAC 2233, MAC 2253, MAC

X281

MAC X312 Calculus II

Acceptable substitutes: STA 2122, 2014, 2023, 2034, 2321 or equivalent; MAC 2234, 2254, 3282

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

Required Courses for the Biology Major with a Marine Biology Concentration

1. Department of Biology Courses-minimum 42 credit hours

- a. BSC 2010 Biology I Cellular Processes (3)
BSC 2010L Biology I Cellular Processes Laboratory (1)

BSC 2011 Biology II Diversity (3)

BSC 2011L Biology II Diversity Laboratory (1)

- b. PCB 3023 Cell Biology (3)
PCB 3043 Principles of Ecology (3)

PCB 3063 General Genetics (3)

- c. **ONE** of the following:
PCB 3023L Cell Biology Laboratory (1)

PCB 3043L Principles of Ecology Laboratory (1)

PCS 3063L General Genetics Laboratory (1)

- d. BSC 3263C Marine Biology (3)

- e. **ONE** of the following (with laboratory):
BOT 4503 Plant Physiology (3)

MCB 4404 Microbial Physiology and Genetics (4)

PCB 4723 Animal Physiology (3)

- f. At least one of the following: Vascular Plants (BOT 3373C), Microbiology (MCB 3020C), Vertebrate Zoology (ZOO 2303C), Comparative Vertebrate Anatomy (ZOO 3713C), Advanced Invertebrate Zoology and Lab. (ZOO 3205C)

- g. Seminar in Marine Biology

- h. The remaining credit hours to meet the minimum requirements must come from courses listed in (f) above and/or from the following list. A maximum of six (6) credits may be taken in courses from other departments/colleges. At least eight (8) of these credit hours must be at the 4000 level or higher:

OCB 6050 Biological Oceanography

OCC 6050 Chemical Oceanography

OCG 6051 Geological Oceanography

OCP 6050 Physical Oceanography

GLY 4734 Beaches and Coastal Environments

GEO 5177 Geographic Information Systems

ZOO 5456 + ZOO 5456L Ichthyology

MCB 5600 Applied and Environmental Microbiology

ZOO 5555C Marine Animal Ecology

ZOO 4513 Animal Behavior

PCB 4674 Organic Evolution

BOT 5185C Marine Botany

BSC 4933 Advanced Marine Biology and lab

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

- j. A minimum of 20 hours of Biology courses must be taken in residency and be applicable to the major.

2. Supporting Courses in the Natural Sciences-minimum 32 credit hours

- a. CHM 2045 General Chemistry I (3)

CHM 2045L General Chemistry I Laboratory (1)

CHM 2046 General Chemistry II (3)

CHM 2046L General Chemistry II Laboratory (1)

- b. CHM 2210 Organic Chemistry I (3)

CHM 2210L Organic Chemistry I Laboratory (2)

CHM 2211 Organic Chemistry II (3)

CHM 2211L Organic Chemistry II Laboratory (2)

- c. MAC 2241 Life Sciences Calculus I (4)

and

MAC 2242 Life Sciences Calculus II (4)

OR

MAC 2281 Engineering Calculus I (4)

and

MAC 2282 Engineering Calculus II (4)

OR

MAC 2311 Calculus I (4)

and

MAC 2312 Calculus II (4)

OR

STA 2023 Introductory Statistics I (4)

(may be substituted for Calculus II)

- d. PHY 2048 General Physics I (3)

PHY 2048L General Physics I Laboratory (1)

PHY 2049 General Physics II (3)

PHY 2049L General Physics II Laboratory (1)

OR

PHY 2053 General Physics (3)

PHY 2053L General Physics Laboratory (1)

PHY 2054 General Physics (3)

PHY 2054L General Physics Laboratory (1)

3. Meet all College and University requirements.

Requirements for the Microbiology B.S. Major (MIC)**Prerequisites (State Mandated Common Prerequisites)**

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

BSC X010/X010L

Introduction to Biology I-Cellular Processes (with lab)

Acceptable substitutes: PCB X010, PCB X011, PCB

X021, PCB X131, BSC X040, BSC 2012

BSC X011/X011L

Introduction to Biology II-Diversity (with lab)

Acceptable substitutes: ZOO X010, BOT X010, BSC

X041, BOT X013

CHM X045/X045L General Chemistry I (with lab)

CHM X046/X046L General Chemistry II (with lab)

CHM X210/X210L Organic Chemistry I (with lab)

Acceptable substitutes: PHY 3043/3043L, PHY 3048/

3048L, PHY 3049/3049L, or equivalent

CHM X211/X211L Organic Chemistry II (with lab)

Acceptable substitutes: PHY 3053/3053L, PHY 3048/

3048L, PHY 3049/3049L, or equivalent

MAC X311 Calculus I

Acceptable substitutes: MAC 2233, MAC 2253, MAC

X281

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

Required Courses for the Microbiology Major

1. Department of Biology Courses-minimum 42 credit hours

- a. BSC 2010 Biology I Cellular Processes (3)

BSC 2010L Biology I Cellular Processes Laboratory (1)

BSC 2011 Biology II Diversity (3)

BSC 2011L Biology II Diversity Laboratory (1)

- b. PCB 3023 Cell Biology (3)

PCB 3023L Cell Biology Laboratory (1)

PCB 3043 Principles of Ecology (3)

PCB 3063 General Genetics (3)

- c. MCB 3020C General Microbiology (4)

MCB 4115 Determinative Bacteriology (5)

MCB 4404 Microbial Physiology and Genetics (4)

MCB 4404L Microbial Physiology and Genetics Laboratory (1)

- d. Ten (10) hours from the following list:

BOT 4434C Mycology (3)

MCB 4502 Virology (3)

- MCB 4910 Microbiology Undergraduate Research (1-4)
- MCB 4934 Seminar in Microbiology (1)
- MCB 5206 Public Health and Pathogenic Microbiology (3)
- MCB 5655 Applied and Environmental Biology (3)
- MCB 5815C Medical Mycology (3)
- PCB 5235 Principles of Immunology (3)
- ZOO 5235 Parasitology (3)
- BCH 3023L Basic Biochemistry Laboratory (2)
- e. A maximum of four (4) credit hours of Undergraduate Research (MCB 4910) or Biology Honors Thesis (BSC 4970) may be applied.
- f. A minimum of 20 hours of Biology courses must be taken in residency and be applicable to the major.
2. Supporting Courses in the Natural Sciences-minimum 35 credit hours
- a. CHM 2045 General Chemistry I (3)
- CHM 2045L General Chemistry I Laboratory (1)
- CHM 2046 General Chemistry II (3)
- CHM 2046L General Chemistry II Laboratory (1)
- b. CHM 2210 Organic Chemistry I (3)
- CHM 2210L Organic Chemistry I Laboratory (2)
- CHM 2211 Organic Chemistry II (3)
- CHM 2211L Organic Chemistry II Laboratory (2)
- c. MAC 2241 Life Sciences Calculus I and (4)
- MAC 2242 Life Sciences Calculus II (4)
- OR
- MAC 2281 Engineering Calculus I and (4)
- MAC 2282 Engineering Calculus II (4)
- OR
- MAC 2311 Calculus I and (4)
- MAC 2312 Calculus II (4)
- OR
- STA 2023 Introductory Statistics I (4)
- (may be substituted for Calculus II)
- d. PHY 2048 General Physics I (3)
- PHY 2048L General Physics I Laboratory (1)
- PHY 2049 General Physics II (3)
- PHY 2049L General Physics II Laboratory (1)
- OR
- PHY 2053 General Physics (3)
- PHY 2053L General Physics Laboratory (1)
- PHY 2054 General Physics (3)
- PHY 2054L General Physics Laboratory (1)
- e. BCH 3023 Introductory Biochemistry (3)
3. Meet all College and University requirements.

Minimum Grade for Majors

A student must receive a "C" grade or better in all Department of Biology courses and Supporting Courses in the Natural Sciences, except if they are used as Free Elective courses. This specification applies to both USF and transfer courses. D and F grades earned in attempting to satisfy major requirements will be used in calculating the GPA, except if they are removed by grade forgiveness.

Biology Honors Program

The Biology Honors Program is a program that provides a challenging and enriching program for highly motivated students. Students must major in Biology, and they begin taking courses together upon entry to USF. They are admitted to the program at the end of their second semester. Criteria include a minimum 3.5 GPA. The program provides a research experience in a Biology Faculty laboratory. (<http://www.cas.usf.edu/biology/index.html>), and requires a written thesis. A Research Seminar is presented by the student.

- Year 1
- BSC 2010 Biology I with lab- Honors section (CHM 2045 Pre- or Co-requisite) 4
- BSC 2011 Biology II with lab- Honors section 4
- BSC 4931 Selected Topics - Honors Seminar I - Introduction to Biology Research 1
- Year 2
- BSC 4932 Selected Topics - Honors Seminar II - Philosophy/Ethics 3
- BSC 4933 Selected Topics - Honors Seminar III - Scientific Approaches 3
- Year 3
- BSC 4910 Undergraduate Research - Biology Faculty Member's Laboratory 2
- Year 4
- BSC 4910 Undergraduate Research 2
- BSC 4933 Selected Topics - Honors Seminar IV - Biology Department Seminar 1

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

• CHEMISTRY (CHS/CHM/BMS/INS/MET)

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

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

General Requirements for the Majors in Chemistry

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

A grade of C or better is required in each chemistry course and each supporting course specified for a chemistry degree.

All courses in a chemistry program must be taken with letter grade (A, B, C, D, F, I) except those courses which are graded S/U only. (D and F grades earned in attempting to satisfy chemistry major requirements will be used in calculating the major GPA.) Nine hours of upper level chemistry courses must be completed at USF.

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

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

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

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

CHMX045/X045L General Chemistry I (with lab) **or**
CHM 1040&1041, **or** 1045C, **or** 1045E
CHM X046/X046L General Chemistry II **or** CHM 1046C, **or**
1046E
MAC 2311 Calculus I **or** MAC 2281 Eng Calculus I
MAC 2312 Calculus II **or** MAC 2282 Eng Calculus II

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

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

BA in Chemistry (CHM)

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

Required Chemistry Courses (33 credit hours)

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

Required Chemistry Electives (6 credit hours)

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

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

*Content varies each semester.

Required Supporting Courses (14 16 credit hours)

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

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

BA in Chemistry, emphasis in Biochemistry (CHM)

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

Required Chemistry Courses (30 credit hours)

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

Required Chemistry Electives (9 credit hours)

Minimum of 9 hrs. selected from the following:

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

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

Required Supporting Courses (22 24 credit hours)

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

Other suggested electives important for advanced studies in biochemistry: CHM 4932*, CHM 4070, PCB 3063, PCB 5235, PCB 5525, STA 2023, MCB 3020, MCB 4502, PCB 4253, PCB 5845, EVR 2001.

*Content varies each semester.

BA in Chemistry, emphasis for Health Professions (CHM)

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

Required Chemistry Courses (30 credit hours)

CHM 2045 General Chemistry I	(3)
CHM 2045L General Chemistry I Lab	(1)
CHM 2046 General Chemistry II	(3)
CHM 2046L General Chemistry II Lab	(1)
CHM 2210 Organic Chemistry I	(3)
CHM 2210L Organic Chemistry I Lab	(2)
CHM 2211 Organic Chemistry II	(3)
CHM 2211L Organic Chemistry II Lab	(2)
CHM 3120C Elementary Analytical Chemistry I	(4)
BCH 3023 Introductory Biochemistry	(3)
CHS 4300 Fundamentals of Clinical Chem.	(3)
CHS 4301L Fundamentals of Clinical Chem. Lab	(2)

Required Chemistry Electives (9 credit hours)

Minimum of 9 hours selected from the following:	
BCH 3023L Basic Biochemistry Lab	(2)
BCH 4034 Advanced Biochemistry	(3)
CHM 3400 Elementary Physical Chemistry I*	(3)
CHM 3401 Elementary Physical Chemistry II*	(3)
CHM 3610 Intermediate Inorganic Chemistry*	(3)
CHM 3610L Intermediate Inorganic Chem Lab*	(1)
CHM 4060 Use of the Chemical Literature	(1)
CHM 4070 Historical Perspectives in Chemistry	(3)

Required Supporting Courses (22 24 credit hours)

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

Other suggested electives important for advanced studies in health professional vocations: BSC 2011, PCB 3063, PCB 5235, PCB 5525, STA 2023, MCB 3020, PCB 4723, ZOO 4753, ZOO 3713, MCB 4502, CHM 4932*, PCB 4253, PCB 5845.

*Content varies each semester.

BS in Chemistry (CHS)

The Bachelor of Science in Chemistry is a rigorous program that supplies the foundation in chemistry required for both the student who begins a chemical vocation immediately upon graduation as well as the one who pursues advanced study in chemistry or related areas. In accord with this goal, the curriculum for the B.S. degree in Chemistry meets the

requirements for degree certification by the American Chemical Society. Because of the strong base developed in this curriculum, the B.S. in Chemistry also provides entry into other chemistry related advanced studies. Prerequisites are included in the list below.

Required Chemistry Courses (50 credit hours)

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

Required Supporting Courses (20 23 credit hours)

MAC 2311 (4)	or	MAC 2281 (3)
MAC 2312 (4)		MAC 2282 (3)
MAC 2313 (4)		MAC 2283 (3)
PHY 2048 (3)		PHY 2049 (3)
PHY 2048L (1)		PHY 2049L (1)

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

1 - 3000 level course (PHY 3101, MAP 4302 suggested) or
2 - 2000 level courses (BSC 2010, BSC 2011, GLY 2010, GLY 2100, EVR 2001, CGS 2060, CGS 2100, EGN 2210)
Other suggested chemistry electives: CHM 4970, BCH 3023L, CHM 4070, CHM 4932*.

*Content varies each semester.

Minor in Chemistry

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

Biomedical Science majors are not eligible for the minor in Chemistry.

Required Chemistry Courses (14 credit hours)

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

Chemistry Electives (Minimum 10 hours)

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

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

BCH 3023 Introductory Biochemistry	(3)
BCH 3023L Basic Biochemistry Lab	(2)
CHM 2211 Organic Chemistry II	(3)
CHM 2211L Organic Chemistry II Lab	(2)
CHM 3120C Elementary Analytical Chemistry	(4)
CHM 3610 Intermediate Inorganic Chemistry	(3)

CHM 3610L	Intermediate Inorganic Chem. Lab	(1)
CHM 3400	Elementary Physical Chemistry	(3)
CHM 4300	Biomolecules	(3)
CHM 4932	Selected Topics in Chemistry*	(1-3)
CHS 4300	Fund. Clinical Chemistry	(3)

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

• BIOMEDICAL SCIENCES (BMS)

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

Required Natural Science Courses:

Biology:

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

Chemistry:

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

Mathematics:

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

Physics:*

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

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

Required Biology Electives:

Minimum of 6 credit hours in TWO of the following courses. One course must be with lab. Select from the following courses, noting prerequisites where applicable:

MCB 4115	Determinative Bacteriology	(5)
MCB 4404	Microbial Physiology and Genetics	(4)
MCB 4404L	Microbial Physiology and Genetics Lab	(1)
MCB 5815	Medical Mycology	(3)
MCB 4502	Virology	(3)
PCB 3023	Cell Biology	(3)
PCB 3023L	Cell Biology Lab	(1)
PCB 3063	General Genetics	(3)
PCB 3063L	Genetics Lab	(1)
PCB 4064C	Experimental Genetics	(3)
PCB 5235	Principles of Immunology	(3)
or		
PCH 6511	Tropical Health Immunology	(3)

ZOO 4753C	Histology	(4)
-----------	-----------	-----

Required Natural Science Electives:

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

BCH 3023L	Biochemistry Lab	(1)
BCH 4034	Advanced Biochemistry	(3)
CHM 3120C	Elem. Analytical Chemistry	(4)
CHS 4300	Clinical Chemistry	(3)
CHS 4301L	Clinical Chemistry Lab	(2)
HSA 4120	Introduction to Public Health	(3)
HSC 4554	Survey of Human Disease	(3)
MCB 4115C	Determinative Bacteriology	(5)
MCB 4404	Microbial Phys/Genetics	(4)
MCB 4404L	Microbial Phys/Genetics Lab	(1)
MCB 4502	Virology	(3)
MCB 5206	Pub. Health/Pathogenic Micro	(3)
MCB 5815	Medical Mycology	(3)
PCB 3023	Cell Biology	(3)
PCB 3023L	Cell Biology Lab	(1)
PCB 3063	General Genetics	(3)
PCB 3063L	General Genetics Lab	(1)
PCB 4064	Experimental Genetics	(3)
PCB 4723	Animal Physiology	(3)
PCB 4723L	Animal Physiology Lab	(1)
PHZ 4731	ST: Applications of Physics to Biology and Medicine I	(4)
PHZ 4732	ST: Applications of Physics to Biology and Medicine II	(4)
ZOO 4753C	Histology	(4)

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

• INTERDISCIPLINARY NATURAL SCIENCES (INS)

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

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

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

Biology I and Biology II	
(BSC 2010, 2010L, BSC 2011, 2011L)	8
Calculus	
(MAC 2241, MAC 2242 or MAC 2311, MAC 2312)	6-8
General Chemistry	

(CHM 2041, CHM 2045L, CHM 2046, CHM 2046L)	8
Organic Chemistry	
(CHM2210, CHM2210L, CHM2211, CHM2211L)	8
General Physics	
(PHY 2053, PHY 2053L, PHY 2054, PHY 2054L	
or PHY 2048, PHY 2048L, PHY 2049, PHY 2049L)	8
Introduction to Physical Geology and History of the Earth and Life	
(GLY 2010, GLY 2015L, GLY 2100, GLY 2100L)	8

Requirements for the Major in Interdisciplinary Natural Sciences

Coursework required for Interdisciplinary Natural Science majors:

TIER 1

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

- Calculus I and II
(MAC 2241, 2242 or MAC 2311, 2312 or MAC 2281, 2282)
(STA 2023 could be substituted for Calculus II)
- Biology I and II
(BSC 2010, 2010L and BSC 2011, 2011L)
- General Chemistry I and II
(CHM 2045, 2045L and CHM 2046, 2046L)
- Geology I and II
(GLY 2010, 2015L and GLY 2100, 2100L)
- Physics I and II
(PHY 2053, 2053L, 2054, 2054L, or PHY 2048, 2048L, 2049, 2049L)

TIER 2

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

Residency

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

MEDICAL TECHNOLOGY (MET)

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

All courses required for admission to the clinical program must be completed prior to beginning the clinical year. These requirements include:

1. A minimum of 90 semester hours (excluding physical education.)
2. All university Liberal Arts requirements.
3. Writing and computation requirements for 6A 10.30.
4. All sciences and mathematics requirements listed below, including Common Prerequisites and those specific to USF, with a "C" or higher in each course.

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students wishing to transfer to USF should complete the A.A. degree

at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

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

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

- 1) General Biology I with lab (4)
(e.g. BSC1010C, BSC1011C, BSC1010/1010L, BSC 1011/1011L, BSC 2010/2010L, PCB 2011C, PCB 2131/2131L, BSC 2011/2011L, ZOO 2010, ZOO 1010)
- 2) Human Anatomy and Physiology I with lab (4)
(e.g. BSC 1085/1085L, BSC 1085C, BSC 1093, BSC 2093C, BSC 2085/2085L, BSC 1011C, BSC 2011, PCB 4703, PCB 3703, PCB 3702, PCB 3702,3,4 (student's choice of one of these three labs), PCB 3703C, BSC 2085C, BSC 2023C)
- 3) Human Anatomy and Physiology II with lab (4)
(e.g. BSC 1086/1086L, BSC 1086C, BSC 2094C, ZOO 3733C, ZOO 3731, PCB 3134C, PCB 2131, BSC 1094, BSC 2096, BSC 2011, PCB 2510/2510L, BSC 2086C)
- 4) General Microbiology with lab (4)
(e.g. MCB 3020/3020L, MCB 2013/2013L, MCB 2013C/2013L, MCB 3023/3023L, MCB 3020C, MCB 2010/2010L)
- 5) General Chemistry I with lab (4)
(e.g. CHM 1045/1045L, CHM 1045C, CHM 2045/2045L)
- 6) General Chemistry II with lab (4)
(e.g. CHM 1046/1046L, CHM 1046C, CHM 1040/1040L, CHM 1041/1041L, CHM 1046E/1046L, CHM 2046/2046L)
- 7) Organic Chemistry I with lab (4 5)
(e.g. CHM 2210/2210L, CHM 2010/2010L, CHM 2210C, CHM 3210)
- 8) Organic Chemistry II with lab (4 5)
(e.g. CHM 2211/2211L, CHM 2011/2011L, CHM 2211C, CHM 3211/3211L, CHM 3120/3120L, CHM 2120/2120L, CHM 2120C, CHM 3120C)
- 9) Statistics (3-4)
(e.g. STA 2023, STA 2014, STA 2122, STA 2037, STA 2040, STA 2024, STA 2321, STA 3023)

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

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

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

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

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

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

MLS 4031 Introduction to Medical Technology
 MLS 4861 Clinical Immunology
 MLS 4863 Clinical Microbiology
 MLS 4865 Clinical Immunohematology
 MLS 4860 Clinical Urinalysis and Body Fluid
 MLS 4862 Clinical Hematology
 MLS 4864 Clinical Chemistry
 MLS 4866 Clinical Laboratory Management and Education

These courses, listed under "Interdisciplinary Arts and Sciences," will be taught at the hospital. A "C" or higher must be earned in each course. Students successfully completing this program will be granted a Bachelor of Science degree in Medical Technology.

Teacher Education Programs

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

• COMMUNICATION (SPE)

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

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

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

Requirements for the Major in Communication

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

Prerequisites (State Mandated Common Prerequisites)

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

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

I. Prerequisites (3 hours)

This course is a prerequisite for declaring the communication major.

SPC 2600 Public Speaking (3)

In addition, admittance to the major is limited to those

students who have completed at least 30 hours of college level work and have achieved an overall grade point average in all college courses of 2.5 or above.

II. Core Distribution Requirements (12 hours)

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

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

III. Area of Concentration (9 hours)

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

Performance Communication

ORI 3950 ORI 4931 ORI 4120
 ORI 4310 SPC 4201

Interpersonal and Organizational Communication

COM 3120 COM 3014 COM 4020
 COM 4124 COM 4710 COM 4942
 SPC 3212 SPC 3425 SPC 4305
 SPC 4310 SPC 4431

Public and Cultural Communication

COM 4030 COM 4022 SPC 3230
 SPC 3513 SPC 3631 SPC 3653
 SPC 3680 SPC 3710 SPC 4683
 SPC 4632 SPC 4680 SPC 4714

IV. Departmental Electives (12) hours

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

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

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

Communication Honors Program

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

Requirements for the Minor in Communication

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

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

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

where a grade option exists.

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

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

Concentrations in Communication Sciences and Disorders (CSD)

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

- I. PSY 2012 Psychological Science I 3
STA 2122 Social Science Statistics (or equivalent) 3
BSC 1085 Human Anatomy & Physiology I 3
BSC 1085L Human Anatomy & Physiology I Lab 1
or equivalent work such as:
BSC 2093 Human Anatomy & Physiology I 3
and
PHY 2020 Conceptual Physics 3
- II. Complete the foreign language requirement
NOTE: Students who select ASL as their foreign language and are seeking a bachelor of arts degree in DST are required by the Department of Communication Sciences and Disorders to complete satisfactorily at least one upper level course in ASL at the University of South Florida or to demonstrate proficiency in ASL.
- III. Admission to the program of study for Interpreters Training (ITT) requirement: ability to use ASL at the intermediate level of a standardized ASL competency test such as the Sign Communication Proficiency Index (SCPI) or other equivalent evaluation. Completing a community college interpreter training program curriculum is highly recommended.

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

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

Students are encouraged to join the USF chapter of the

National Student Speech-Language-Hearing Association. This group is affiliated with the American Speech-Language-Hearing Association (ASHA) and has many membership benefits.

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

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

B. Recommended prerequisites for Admission

Required Courses:

BSC 1085 Human Anatomy and Physiology I
BSC 1085L Human Anatomy and Physiology I Lab

or

BSC 2093 Human Anatomy & Physiology I
and

PHY 2020 Conceptual Physics

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

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

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

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

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

The course of study includes:

SPA 3002 (3)	SPA 3101 (3)	SPA 4210 (3)
SPA 3004 (3)	SPA 4632 (3)	SPA 4222 (3)
SPA 3011 (3)	SPA 4930 (10)	SPA 4555 (3)
SPA 3030 (3)	SPA 4050 (3)	

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

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

New students are not being admitted to the DST Major for the 2005/2006 year while the curriculum is being restructured.

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

bilitation/Deaf Education.

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

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

Other electives (6).

F. Interpreter Training Concentration (ITT)

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

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

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

Prerequisites for Admission

Required Courses

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

PROGRAM REQUIREMENTS ARE CURRENTLY UNDER REVISION. PLEASE CHECK WITH THE ACADEMIC ADVISOR FOR FURTHER INFORMATION.

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

Minimum Grade for Majors

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

Honors Program

The Honors Program in Communication Sciences and Disorders (LSH, ITT) provides outstanding undergraduates with advanced, individualized training in their areas of interest as well as additional research training. Admission to the

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

Requirements for the Minor in American Sign Language

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

1. A minor must include these four courses:
SPA 3612C Basic ASL
SPA 4613C Intermediate ASL
SPA 4614C Advanced ASL
2. SPA 4632 Nature and Needs of the Deaf and Hard of Hearing
or
SPA 3633 American Deaf Culture
3. SPA 4615C ASL IV
or
SPA 4617C - Structure of Sign Language
4. Students seeking a minor in ASL must complete 12 of the 17-18 credit hours at USF.
5. A GPA of 2.0 or better must be achieved in minor course work in order for a student to be certified for graduation with a minor in American Sign Language.

• CRIMINOLOGY (CCJ)

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

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

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

foreign language, and continuous enrollment policies of the university.

Requirements for the Major in Criminology

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

- Each of the following core courses:

CCJ 3024 (3)*	CCJ 3610 (3)*
CCJ 3701 (3)**	CCJ 4934 (3)
- 24 semester hours of electives within the major.

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

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

NOTE: No more than six (6) hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major. A student may take an unlimited amount of CCJ 4933 or 4934 as long as they vary in topics.

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

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

Requirements for the Minor in Criminology

The Department of Criminology offers a minor in Criminology.

The minor consists of:

- Two required courses:

CCJ 3024 (3)	CCJ 3610 (3)
--------------	--------------
- The selection of four of the following 3 hour courses for a total of 18 semester hours:

CJL 3110	CCJ 3621
CJE 4114	CJL 4410
CJC 4010	CJE 4010

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

• ECONOMICS (ECO)

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

Requirements for the Major in Economics

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: The State of Florida has identified common course prerequisites for the major in Economics. These courses must be completed with a minimum grade of "C" before the degree is

granted. If the courses are not transferred in, they may be taken at USF.

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

Coursework in the Economics Major:

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

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

ECO 3100, Managerial Economics, may be substituted for ECO 3101. Students may not take both ECO 3100 and ECO 3101 for credit.

ECO 1000 (if taken before both ECO 2013 and ECO 2023) may be substituted for a maximum of 3 hours of upper level elective credit.

Students must obtain a grade of "C" or higher in ECO 3101 or ECO 3100 in order to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite.

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

At least 12 hours of upper level credit must be taken in residence at USF.

Economics majors working at the regional campuses may not be able to fulfill all economics course requirements at those campuses.

Requirements for the Minor in Economics

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

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

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

The Economics Pre-Law Curriculum

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

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

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

Five-year Bachelor/Master Degree Program

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

The program requires the students to take two graduate level courses required for the MA degree during the last year in the Bachelor program. These 6 hours are counted as general electives (not major electives) in the undergraduate program and are also used to satisfy the requirements for the MA in economics. After completing the 120-hour Bachelor's program, five-year students take 24 hours at the graduate level.

To be eligible for the program, a student must have completed at least 6 hours of 3000 level or above economics courses at USF (not including statistics), have an overall grade point average of 3.0 or above, and have a minimum of 3.25 cumulative grade point average in all economics courses (including statistics).

To apply for admission, send a letter to the Graduate Program Director in the Department of Economics stating your qualifications and desire to enter the program. To plan your program, or for additional information, see the Undergraduate Advisor in Economics.

• ENGLISH (ENG) Requirements for the Major in English

Prerequisites (State Mandated Common Prerequisites)

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

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

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

ENC 1101 Composition I

ENC 1102 Composition II

or

Six semester hours earned in courses taught in the English Department, **EACH** with 6,000 words of evaluated writing for a **TOTAL** of 12,000 words.

Suggested electives:

AMH 2010 American History I 3

AMH 2020 American History II 3

EUH 2021 Medieval History I 3

EUH 2022 Medieval History II 3

Upper-level coursework in the English Major:

The program in English provides three areas of specialization (divided into three degree-options below):

English and American literature - The primary mission of the literature option is to provide a solid foundation in the study of British and American literature. The program also offers courses in other world literatures in translation, cultural studies, feminist and ethnic studies, and both traditional and more recent critical approaches.

Creative writing - The creative writing option includes training in writing fiction and poetry and study of English and

American literature.

Professional and technical writing - The professional and technical writing option combines the study of English and American literature with an introduction to writing found in the professional workplace.

The English Education major is described under the section for the College of Education. Major requirements for English majors are listed below. A grade of "D" will not be counted toward fulfilling the major requirements. Grades of "D" or "F" in English courses will, however, be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy. Students may not use more than one Directed Study toward meeting the major requirements. Transfer students must earn at least 15 hours in the major at USF. A 2.5 GPA in the major is required for graduation.

OPTION I: English and American Literature

Twelve courses (36 hours) as follows:

1. Two of the following:

AML 3031 American Literature to 1860

AML 3032 American Literature 1860-1912

AML 3051 American Literature 1912-1945

2. Four of the following:

ENL 3015 British Literature to 1616

ENL 3230 British Literature 1616-1780

ENL 3251 British Literature 1780-1900

ENL 3273 British Literature 1900-1945

ENL 3331 Early Shakespeare or

ENL 3332 Late Shakespeare

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

Group A

AML 4111 19th Century American Novel

AML 4121 20th Century American Novel

ENL 4122 British Novel through Hardy

ENL 4132 British Novel: Conrad to the present

ENL 4311 Chaucer

ENL 4338 Advanced Studies in Shakespeare

ENL 4341 Milton

LIT 3101 Literature of the Western World Through the Renaissance

LIT 3102 Literature of the Western World Since the Renaissance

Group B

AML 3031 American Literature to 1860

AML 3032 American Literature 1860-1912

AML 3051 American Literature 1912-1945

AML 3604 African-American Literature

AML 4261 Literature of the South

AML 4330 Selected American Authors

ENG 4060 History of the English Language

ENL 3015 British Literature to 1616

ENL 3230 British Literature 1616-1780

ENL 3251 British Literature 1780-1900

ENL 3273 British Literature 1900-1945

ENL 3331 Early Shakespeare

ENL 3332 Late Shakespeare

ENL 4303 Selected British Authors

LIN 4671 Traditional English Grammar

LIN 4680 Structure of American English

LIT 3022 Modern Short Novel

LIT 3043 Modern Drama

LIT 3073 Contemporary Literature

LIT 3144 Modern European Novel

LIT 3374 Bible as Literature

LIT 3410 Religious and Existential Themes

LIT 3700 Survey of Poetry

LIT 4930 Selected Topics in English Studies

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

OPTION II: Creative Writing

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

1. *Writing Requirements*

CRW 3111 Form & Technique of Fiction

or

CRW 2100 Narration & Description

CRW 3311 Form & Technique of Poetry

Any three of the following:

CRW 3112 Fiction I

CRW 3121 Fiction II

CRW 3312 Poetry I

CRW 3321 Poetry II

CRW 4120 Fiction III

CRW 4320 Poetry III

CRW 4930 Selected Topics in Creative Writing

Note: CRW 2100 or CRW 3111 must be taken before any other courses in the Fiction series, and CRW 3311 must be taken before any other courses in the Poetry series.

2. *Literature Requirements*

The student must select seven literature courses from those listed in OPTION I. Two courses must be from Group 1, two courses from Group 2, and three courses from Group 3 and/or Group 4.

OPTION III: Professional and Technical Writing

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

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

1. *Composition requirements:*

Five of the following:

CRW 2100 Narration and Description

ENC 2210 Technical Writing

ENC 3213 Professional Writing

ENC 3310 Expository Writing

ENC 4260 Advanced Technical Writing

ENC 4311 Advanced Composition

ENC 4931 Selected Topics in Professional and Technical Writing

2. *Literature requirements:*

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

**Requirements for the Minor in English
English and American Literature Minor (15 hours)**

1. *One of the following:*

AML 3031 American Literature to 1860

AML 3032 American Literature 1860-1912

AML 3051 American Literature 1912-1945

2. *Two of the following:*

ENL 3015 British Literature to 1616

ENL 3230 British Literature 1616-1780

ENL 3251 British Literature 1780-1900

ENL 3273 British Literature 1900-1945

ENL 3331 Early Shakespeare

ENL 3332 Late Shakespeare

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

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

Creative Writing Minor (15 hours)

1. CRW 3111 Form & Technique of Fiction

or

CRW 2100 Narration & Description

CRW 3311 Form & Technique of Poetry

Any two of the following:

CRW 3112 Fiction I

CRW 3121 Fiction II

CRW 3312 Poetry I

CRW 3321 Poetry II

CRW 4120 Fiction III

CRW 4320 Poetry III

CRW 4930 Selected Topics in Creative Writing

2. One AML or ENL course listed in OPTION I.

Professional and Technical Writing Minor (15 hours)

1. ENC 2210 Technical Writing

ENC 4260 Advanced Technical Writing

Any two of the following courses:

CRW 2100 Narration & Description

ENC 3213 Professional Writing

ENC 3310 Expository Writing

ENC 4311 Advanced Composition

ENC 4931 Selected Topics in Professional and Technical Writing

2. One AML or ENL course listed in OPTION I

English Honors program

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

A. Closer contact with faculty tutors than students in the regular major program;

B. An opportunity to work and exchange ideas in the stimulating environment of a small group of fellow students with similar aims and abilities;

C. An opportunity to develop individual initiative and sophisticated critical skills.

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

Admissions Criteria

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

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

Requirements for Completion of Departmental Honors

1. The Honors student will complete the requirements of his/her chosen English major as described in the current catalog.

2. In addition to the requirements of the major, the student will take two (three-hour) Honors seminars during the first semester of his/her senior year. Both courses should help the student in selecting a topic for his/her Honors thesis.

3. During the second semester of the senior year, the Honors student will enroll for three thesis hours. The Director of the English Honors Program will serve as instructor of record for the thesis hours. Under the direction of the instructors of the Honors seminars and/or the Director of the English Honors Program, the student will choose a member of the English Department faculty to serve as director of his/her thesis and one or two additional faculty members to serve as readers of the thesis. The student must satisfy the following requirements:

a. Complete both Honors seminars with a 3.3 GPA;

b. Complete all remaining major requirements with a 3.3 GPA and remaining academic course work with an overall GPA of 3.0;

- c. Submit an acceptable thesis to the Departmental Honors committee, before his/her graduation from the university.
4. The student who completes all requirements above will graduate with Honors in English. The credit hours completed within the program by the student who does not complete all Honors requirements will, of course, count toward the baccalaureate degree.

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

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

• ENVIRONMENTAL SCIENCE AND POLICY (EVR)

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

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

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

Requirements for the Major in Environmental Science and Policy

Recommended Prerequisites (State Mandated Common Prerequisites)

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

university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. *There are no State Mandated Common Prerequisites for this degree program.*

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

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

BSC 2010, 2010L & BSC 2011, 2011L

Biology I and II with Lab

8

and

CHM 2045 & CHM 2045L General Chemistry & Lab 4

CHM 2046 & CHM 2046L General Chemistry II & Lab 4

plus

STA 2023 Statistics 3

One approved Geology or Physics Course with Lab 4

and either

MAC 2241 Life Sciences Calculus 4

or

MAC 2281 Engineering Calculus 4

or

MAC 2311 Calculus 3

A second semester of calculus is only required of students pursuing the ESP-Science concentration. Students may choose among:

MAC 2242 Life Sciences Calculus 4

or

MAC 2282 Engineering Calculus 4

or

MAC 2312 Calculus 3

All students majoring in Environmental Science and Policy are required to see the advisor each semester prior to registration for the following term. Students who are eligible for an internship must see the internship coordinator six weeks prior to the beginning of the semester in which they will complete the internship.

REQUIREMENTS FOR ALL ENVIRONMENTAL SCIENCE MAJORS

EVR 2001	Intro to Environmental Science
EVR 2001L	Intro to Environmental Science Lab
EVR 2861	Intro to Environmental Policy
EVR 4921	ESP Seminar
BSC 2010	Biology I
BSC 2010L	Biology Lab I
BSC 2011	Biology II
BSC 2011L	Biology Lab II
MAC 2241	Life Science Calculus
or	
MAC 2281	Engineering Calculus
or	
MAC 2311	Calculus
CHM 2045	General Chemistry I
CHM 2045L	Chemistry Lab I
CHM 2046	General Chemistry II
CHM 2046L	Chemistry Lab II
PUP 4203	Environmental Politics and Policy
PHI 3640	Environmental Ethics
EVR 4910	ESP Project
or	
EVR 4940	ESP Internship

Statistics

STA 2023 Introductory Statistics

or

QMB 2100 Business and Economic Statistics

or

EGN 3443	Engineering Statistics
<i>Geology or Physics</i>	
GLY 2010	Dynamic Earth
GLY 2015L	Essentials of Geology Lab
or	
GLY 2100	Historical Geology
GLY 2015L	Essentials of Geology Lab
or	
PHY 2048	General Physics
PHY 2048L	General Physics Lab
or	
PHY 2053	General Physics
PHY 2053L	General Physics Lab
Science Track	
MAC 2242	Life Sciences Calculus II
or	
MAC 2282	Engineering Calculus II
or	
MAC 2312	Calculus II
and	
CHM 2210	Organic Chemistry
CHM 2210L	Organic Chemistry Lab
Policy Track	
ECP 3302	Environmental Economics
POS 3697	Environmental Law

Science Track

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

Policy Track

ECP 3302 and POS 3697

plus four approved policy-related electives.

Please contact the Department office for a current list of electives under this category. The Department is located in SCA 238 or you may call (813) 974-2739.

Requirements for the Minor in Environmental Policy

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

Required core courses:

- EVR 2001 Introduction to Environmental Science
- EVR 2001L Introduction to Environmental Science Lab
- EVR 2861 Introduction to Environmental Policy

Three of the following four courses:

- PUP 4203 Environmental Politics and Policy
- PHI 3640 Environmental Ethics
- ECO 3302 Environmental Economics
(prerequisite: ECO 2023 Microeconomics)
- POS 3697 Environmental Law

Plus on approved policy-related elective. Please contact the department office for a current list of electives under this category.

• GEOGRAPHY (GPY)

The degree program in Geography consists of 11 courses (41 hours total), 5 of which are core courses required of all majors. Further, students choose either the Urban or Environmental track for their remaining courses. Both tracks offer an applied and techniques orientation for the student that is stressed through coursework, advising, and through the core course structure for the major. The Environmental track focuses on major environmental systems including the hydrosphere, atmosphere, pedosphere, and biosphere. Particular emphasis is placed on the human modification of the

natural environment and the global interconnections of the major earth systems. The Urban track focuses on the social and spatial effects of the growth of cities, including issues such as the historical evolution of urban form and function, land-use changes and conflicts, economic restructuring, the growth and decline of inner-cities, and urban racial and ethnic relations.

Requirements for the Major in Geography

Prerequisites (State Mandated Common Prerequisites)

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

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

GEO XXXX	3
GEO XXXX	3

Two introductory courses in Geography with GEO prefix.

Upper-level Course Requirements

A major in Geography consists of 11 courses as follows:

Required core courses (6 courses + lab):

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

Supporting Courses (5 courses):

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

Urban Track Courses:

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

Environmental Track Courses:

GEO 4201C	Advanced Physical Geography	(4)
GEO 4210	Process Geomorphology	(4)
GEO 4265	Soil Genesis and Classification	(4)
GEO 4280C	Hydrology	(4)
GEO 4340	Natural Hazards	(4)
GEO 4372	Global Conservation	(4)
MET 4002	Climatology	(4)
MET 4010C	Meteorology	(4)
GEO 4300	Biogeography	(4)
GEO 4244	Tropical Meteorology	(4)

Techniques Courses (electives):

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

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

- GEO 1930 Geography of Current Events (4)
 GEO 2371 Earth System Science (3)
Only 4 combined hours of the following courses may be applied toward the degree:
 GEO 4900 Directed Reading (1-4)
 GEO 4910 Individual Research (1-4)

Minimum Requirements for Major

Students must earn a C- or better in all major course work. D and F grades earned in major course work will be used in calculating the major GPA, except where removed by grade forgiveness. Students must maintain a minimum 2.0 major GPA in order to graduate.

Requirements for the Minor in Geography

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

- GEO 3013 (3) GEO 3013L (1) GEO 3402 (4)
 One GEA elective (4) and one upper level GEO, MET or URP elective (3000-5000 level) (4).

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

• GEOLOGY (GLY)

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

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

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

Prerequisites (State Mandated Common Prerequisites)

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

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

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

CHM 1045/1045L General Chemistry I (with lab)

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

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

Requirements for the Major in Geology (BA)

1. Geology courses (38 hours):
 - a. Introductory Sequence* (4 hours):
 - 1) One course chosen from GLY 2000, GLY 2010, GLY 2030, GLY 2100, and OCE 2001 (3)
 - 2) GLY 2015L (1)

*Transfer students who have taken GLY 2010C and GLY 2100C or the equivalent will be deemed to have met the introductory sequence requirements. However, ALL students are strongly encouraged to take GLY 2015L, as this course will greatly facilitate success in the upper-level offerings.
 - b. Junior-level sequence (28 hours):
 - GLY 3311C The Solid Earth: Petrology and Geochemistry (4)
 - GLY 3402C The Solid Earth: Plate Tectonics and Earth Structure (4)
 - GLY 3552C Sedimentary Record 1: Sedimentary Processes and Petrology (4)
 - GLY 3720C Fluid Earth 1: Basic Principles (4)
 - GLY 4104C Sedimentary Record 3: Paleontology and Earth Evolution (4)
 - GLY 4554C Sedimentary Record 2: The Earth's Surface (4)
 - GLY 4822C Fluid Earth 2: Hydrogeology (4)
 - c. Senior-Level Sequence (12 hours):
 - GLY 4866 Computational Geology (3)
 - GLY 4921 Geocommunications (3)
2. Supporting Courses for the B.A. Degree (24 hours):
 - CHM 2045, 2045L, CHM 2046, 2046L
 - MAC 2241, 2242 or MAC 2311, 2312 or MAC 2281, 2282

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

Requirements for the Major in Geology (BS)

1. Geology courses (44 hours):
 - a. Introductory Sequence* (4 hours):
 - 1) One course chosen from GLY 2000, GLY 2100, GLY 2010, GLY 2030, and OCE 2001 (3)
 - 2) GLY 2015L (1)

*Transfer students who have taken GLY 2010C and GLY 2100C or the equivalent will be deemed to have met the introductory sequence requirements. However, ALL students are strongly encouraged to take GLY 2015L, as this course will greatly facilitate success in the upper-level offerings.
 - b. Junior-level sequence (28 hours):
 - GLY 3311C The Solid Earth: Petrology and Geochemistry (4)
 - GLY 3420C The Solid Earth: Plate Tectonics and Earth Structure (4)
 - GLY 3552C Sedimentary Record 1: Sedimentary Processes and Petrology (4)

- GLY 3720C Fluid Earth 1: Basic Principles (4)
- GLY 4104C Sedimentary Record 3: Paleontology and Earth Evolution (4)
- GLY 4554C Sedimentary Record 2: The Earth's Surface (4)
- GLY 4822C Fluid Earth 2: Hydrogeology
- c. Senior-Level Sequence (12 hours):
 - GLY 4866 Computational Geology (3)
 - GLY 4921 Geocommunications (3) and either:
 - GLY 494XL Practical and Applied Geology (6)
 Must take at least one each of computational, field, and laboratory experience
- or,
 - A Geologic Field Course and/or Summer Research Experience, as defined and approved by the Department Undergraduate Committee. Non-traditional research experiences (i.e., NSF-supported Research Experiences for Undergraduates summer programs) are acceptable provided the student concurrently registers for six hours of Geologic Field Studies (GLY 4780) to meet credit hour requirements, and their research supervisor provides the Undergraduate committee with an assessment of student activities during the program.
- 2. Supporting Courses for the BS Degree (28 hours):
 - MAC 2281, MAC 2282 (recommended) or MAC 2311, MAC 2312
 - BSC 2010, 2010L
 - CHM 2045, 2045L, CHM 2046, 2046L
 - PHY 2048, 2048L, PHY 2049, 2049L (recommended) or PHY 2053, 2053L, 2054, 2054L

Liberal Arts Requirements

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

Free Electives (19-25 hours)

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

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

Geology Honors Program

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

Requirements for the Minor in Geology

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

Teacher Education Programs

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

• GERONTOLOGY (GEY)

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

Prerequisites (State Mandated Common Prerequisites)

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

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

For those seeking the Bachelor of **Science** degree, students complete the prerequisite courses listed below. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

- ACG X021 Financial Accounting or ACG X001
- ACG X071 Managerial Accounting or ACG X011 or ACG X630
- CSG X000 Computers in Business or EME X402, COC X317, CSG X101, X361, X001, X060, or CGS 1061
- GEY X000 Introduction to Gerontology
- STA X122 Social Science Statistics or QMB 2150, STA 2022, STA X013, STA X014, STA X040, STA X023, STA X024, or QMB X100

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

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

The Bachelor of Arts Degree in Gerontology entails 36 semester hours of required course work. In this program the course of study is intended to provide students with a liberal education in gerontology and some exposure to the various career opportunities in the field of aging. This degree is especially appropriate for students who plan to pursue graduate or professional work in gerontology, or some other field, or who plan to work with older adults in careers in areas such as case management, social services, or activity therapy. A grade of lower than "C-" in Gerontology courses will not be counted toward fulfilling the requirements for the major.

Required Courses:

- GEY 2000 Introduction to Gerontology (3)
- GEY 3601 Physical Changes and Aging (3)
- GEY 3625 Sociocultural Aspects of Aging (3)
- GEY 4401 Research Methods in Gerontology (3)
- GEY 4612 Psychology of Aging (3)

A required prerequisite is STA 2122.

B.A. students complete 21 additional elective hours, which may include field placement. Students should meet frequently with the departmental advisor to plan courses and field work that will prepare the student for career goals.

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

The Bachelor of Science Degree in Gerontology is a 39 semester hour specialist degree which, in addition to providing students with a basic education in gerontology, is intended to prepare them for entry level positions in Nursing Home Administration. It is especially appropriate for students who intend to begin working immediately following completion of the degree program. A grade of lower than "C-" in Gerontology courses will not be counted toward fulfilling the requirements for the major.

Required courses:

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

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

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

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

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

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

Requirements for the Minor in Gerontology

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

Required:

GEY 2000 Introduction to Gerontology (3)

Required: Choose 2 of the following 3 courses

GEY 3601 Physical Changes and Aging (3)

GEY 3625 Sociocultural Aspects of Aging (3)

GEY 4612 Psychology of Aging (3)

Electives:

Six additional GEY credit hours.

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

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

INTERNATIONAL STUDIES (INT)

The major in International Studies enables students to undertake programs of study which emphasize (a) preparation for careers in international activities, or (b) the study of particular international themes or topics, or (c) the study of particular regions or cultures. Each student develops a course of study designed to fulfill his or her career and educational goals in consultation with the International Studies Advisor.

Requirements for the Major in International Studies

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

Upper-level Course Requirements

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

INR 3003 Introduction to International Studies (3)

INR 3081 International Issues and Actors (3)

INR 3038 International Wealth and Power -SS (3)

INR 4936 Senior Seminar -MW (3)

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

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

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

With the approval of the major advisor, credits earned in INR 4900 (1-3) and INR 4910 (1-3) may be used to augment

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

Required Supporting Courses

Students must pass a 2000 level foreign language course (that is, at least one semester of foreign language study beyond the first year introductory courses), or complete one year of study of a non-Western language. Students who are bilingual or who are already conversationally fluent or who can translate with facility from a foreign language text are exempt from the above course requirement, but the INT faculty may require demonstration of proficiency.

Students will be provided with academic advice and counsel about other courses offered throughout the university which may support and complement their major program. INT majors should plan their programs in conjunction with the advisor who is empowered to make appropriate substitutions when educationally justified.

Requirements for the Minor in International Studies

The minor in International Studies is a set of International Studies courses taken by a student that approximates one half of the upper level credits required for a major. The minor consists of 18 credit hours made up of six courses as follows:

- INR 3003 Introduction to International Studies (3)
- INR 3081 International Issues and Actors (3)
- INR 3038 International Wealth and Power-SS (3)

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

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

POLITICAL SCIENCE (POL)

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

Requirements for the Major in Political Science

Prerequisites (State Mandated Common Prerequisites)

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

Upper-level Course Requirements

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

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

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

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

Required Core Courses (12 credit hours)

- CPO 2002 Introduction to Comparative Politics (3)
- or
- INR 2002 Introduction to International Relations (3)
- and
- POS 2041 American National Government (3)
- POT 3003 Introduction to Political Theory (3)
- POS 3713 Empirical Political Analysis (3)

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

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

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

Field I Political Theory

- POT 3013 (3) POT 4064 (3) POT 5626 (3)
- POT 4054 (3) POT 4204 (3)

Field II Comparative Government and Politics

- CPO 4034 (3) CPO 4930 (3) CPO 5934 (3)

Field III International Relations

- INR 3102 (3) INR 3370 (3) INR 4403 (3)
- INR 3038 (3) INR 4035 (3) INR 4502 (3)
- INR 3336 (3) INR 4254 (3) INR 4334 (3)
- INR 5086 (3)

Field IV American National and State Governments

- POS 2080 (3) POS 3273 (3) POS 4413 (3)
- POS 2112 (3) POS 3453 (3) POS 4424 (3)
- POS 3173 (3) POS 4204 (3) POS 5094 (3)
- POS 3182 (3) PUP 4323 (3)

Field V Urban Government and Politics

- POS 3142 (3) POS 4165 (3) URP 4050 (3)
- POS 3145 (3) POS 5155 (3) PUP 4534 (3)

Field VI Public Policy

- INR 3102 (3) INR 4334 (3) POS 3145 (3)
- PUP 4002 (3) PUP 4007 (3) PUP 4203 (3)
- PUP 4323 (3) PUP 4534 (3) PUP 5607 (3)
- URP 4050 (3)

Field VII Law and Politics

- INR 4403 (3) POS 3691 (3) POS 4624 (3)
- POS 3283 (3) POS 4614 (3) POS 4693 (3)
- POS 4694 (3)

The following courses are not included within any of the seven fields, but may still be used as elective hours:

- PAD 3003 (3) POS 4936 (3) PAD 4204 (3)
- POS 4941 (3-15) POS 4905 (1-3) POS 4970 (3)

POS 4910 (1-3) POS 3931 (3) POT 4109 (3)
 POT 4661 (3) POT 4936 (3)

Requirements for the Minor in Political Science

A minor in political science requires the completion of a minimum of 18 credit hours, made up of two courses (6 credit hours) from among CPO 2002 (or INR 2002), POS 2041, and POT 3003. An additional 12 credit hours of courses included in the Political Science major are also required.

Students transferring credit hours toward a minor in political science must complete 12 credit hours within the Department, regardless of the number of credit hours transferred.

Field Work

Political Science has a field work program that provides students with part-time internships with state and local government and with political parties at the state and local level. Academic credit is available for such internships. For further information, contact the Department of Government and International Affairs.

Honors in Political Science

The Honors Program in Political Science is designed for the outstanding undergraduate who seeks an intensive learning experience plus academic recognition during the senior year.

Eligibility:

Political Science majors with a 3.5 grade point average in political science courses and a 3.0 overall average will be invited to participate in the honors program.

Requirements:

Students who participate must complete the Honors seminar with a grade of "B" or better and must write an Honors Thesis, POS 4970 (3). The Honors Thesis must meet the following criteria:

- a thesis proposal must be approved by the student's major professor before s/he begins writing;
- students need two academic advisors who must approve the final version of the thesis;
- students will publicly present their thesis and provide a copy of it to the department after the final draft has been approved;
- the thesis must be at least 50 pages long, contain an abstract, table of contents, bibliography and footnotes/endnotes;
- all theses are due during the last week of classes for the semester in which the student is currently enrolled.

Requirements for the Pre-Law Plan in Political Science

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

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

The Law School Admission Test is given simultaneously several times each year at the University of South Florida and

numerous other testing centers throughout the state. Students should plan to take the test at least one year prior to planned enrollment in law school. Additional information is available from the Department of Government and International Affairs, University of South Florida.

Recommended Prerequisites (State Mandated Common Prerequisites)

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

There are no State Mandated Common Prerequisites for this program.

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

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

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

International Affairs Focus in Political Science

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

Basic courses in the area include:

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

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

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

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

Public Administration (PAD)

The Public Administration Program offers courses that serve as electives for undergraduate students. Completion of these courses will benefit those students preparing for a career in local, state, or federal agencies of government, non-profit organizations, and special service districts and/or graduate work in public administration and related fields. The

courses listed below may be taken for undergraduate credit. Please note that the 5000-level courses listed are available to seniors and graduate students only.

- PAD 3003 Introduction to Public Administration
- PAD 4144 Nonprofit Organizations and Public Policy
- PAD 4204 Public Financial Administration
- PAD 4419 Personnel and Supervision in Today's Organizations
- PAD 4712 Managing Information Resources in the Public Sector
- PAD 4930 Selected Topics in Public Administration and Public Policy
- PAD 5035 Issues in Public Administration and Public Policy
- PAD 5044 Environment of Public Administration
- PAD 5333 Concepts and Issues in Public Planning
- PAD 5605 Administrative Law and Regulation
- PAD 5700 Research Methods in Public Administration
- PAD 5807 Urban and Local Government Administration
- PAD 5836 Comparative Public Administration
- POS 5159 Urban Policy Analysis

An undergraduate minor in Public Administration has recently been approved.

For further information, please contact the Public Administration Program.

Requirements for the Minor in Public Administration

The minor in Public Administration consists of 15 credit hours.

Required Public Administration Courses (12 cr. hrs.)

- PAD 3003 Introduction to Public Administration (3)
- PAD 4204 Public Financial Administration (3)
- PAD 4419 Personnel and Supervision for Today's Organizations (3)
- PAD 4712 Managing Information Resources in the Public Sector (3)

Public Administration Electives (3)

- PAD 4930 Selected Topics in Public Administration and Public Policy
- PAD 5605 Administrative Law and Regulation
- PAD 5807 Urban and Local Government Administration
- PAD 5159 Urban Policy Analysis
- PAD 5044 Environment of Public Administration
- PAD 5853 Comparative Public Administration
- PAD 5035 Issues in Public Administration and Public Policy
- PUP 4002 Public Policy

• HISTORY (HTY)

The discipline of history embraces a diverse world of ideas, peoples, and events. Our faculty seeks to inform and question, to provoke and to challenge our students to a higher level of understanding of the past. History at South Florida offers the student an opportunity to explore civilizations from around the globe and from the ancient through contemporary eras. We encourage our students to move beyond traditional memorization of material to a critical level of thinking, analysis, and synthesis. Accomplished history majors are attractive to all kinds of employers in any number of fields, as well as to graduate and professional schools. USF history alumni can be found in such diverse professions as law, medicine, business, government, foreign service, politics, and education.

Requirements for the Major in History

A minimum of 36 semester hours is required for a major in history. A minimum grade of "C" or better must be attained

in each course counted toward the 36-hour requirement. However, grades of "D" or "F" in history coursework will be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy.

Prerequisites (State Mandated Common Prerequisites)

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

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

Lower-level Course Requirements for the Major

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

Upper-level Course Requirements for the Major

A minimum of 24 hours of course work from the 3000-4000 level is required to fulfill the 36-hour minimum requirement. Two of these courses, the Pro-Seminar and the Theory of History courses are required for all majors. These courses may only be taken in the last two semesters prior to graduation and may not be taken during the same semester. The remaining 16 hours of credit may be chosen from the department offerings each semester. It is recommended that history majors take ENC 3310, "Expository Writing," SPC 2600, "Public Speaking," and LIS 2937, "Library/Internet Research Skills." Additional hours can be profitably drawn from the following disciplines: Africana Studies, American Studies, Anthropology, Classics, Economics, Geography, Government and International Affairs, Psychology, Philosophy, Religious Studies, Sociology, Women's Studies, Literature, the Humanities, and the Fine Arts. Majors intending to pursue graduate work should take a minimum of two years of classical or modern foreign language.

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

Requirements for the Minor

The minor in History entails a 18-hour program organized and contracted by the student and the department around the specific needs of the student's major program. A minimum of 8 hours must be completed at the University of South Florida and the student must maintain a 2.0 GPA in the minor. A minimum grade of "C" or better must be attained in each course. One lower-level sequence is required, earning 6 credit hours. The department will supervise certification of the minor. Students interested in a minor in history are encouraged to see the History department advisor as early in their undergraduate program as possible.

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

• HUMANITIES & AMERICAN STUDIES (HUM/AMS)

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

HUMANITIES (HUM)

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

Requirements for the Major in Humanities Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

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

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

Course Requirements for the Humanities Major

- Two semester European sequence: HUM 2211 (Studies in Culture: the Ancient through the Medieval Periods) and HUM 2243 (Studies in Culture: the Renaissance through the Twentieth Century), 6 credit hours.
- Non-Western requirement: One 3000- or 4000-level HUM course, treating Latin American Culture, Native American Culture, Asian Humanities, or the American Southwest, 3 credit hours. (A course taken in fulfillment of this requirement cannot also be used in fulfillment of the "Core Curriculum" requirement.)
- 3000-level Core Curriculum: 3 courses focusing on major cultural periods of Europe, the United States, or Latin America, 9 credit hours.
- HUM 3331 (Themes in Humanities) (3 credit hours), and HUM 4931 (Seminar in Humanities) (4 credit hours), 7 credit hours.
- Other 3000- or 4000-level HUM courses, sufficient to bring total HUM credits to 33. (Creative/Performing Arts hours are NOT included in that total.)
- Creative or performing arts, one class, either lower or upper level, 3 credit hours.
- "C" or better in each Humanities course applied to the degree.

Requirements for the Minor in Humanities

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

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

AMERICAN STUDIES (AMS)

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

Requirements for the Major in American Studies

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

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

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

Course Requirements for the American Studies Major

36 credit hours, distributed as follows:

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

Requirements for the Minor in American Studies

18 credit hours distributed as follows:

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

• INTERDISCIPLINARY SOCIAL SCIENCES (ISS)

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

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

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

Some of the following courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses, could count toward the ISS degree. A grade of "C" is the minimum acceptable grade.

AFA 2000 Introduction to the Black Experience [In Africa and Its Diaspora]	(3)
AMH 2010 American History I	(3)
or	
AMH 2020 American History II	(3)
ANT 2000 Introduction to Anthropology	(3)
ECO 2013 Economic Principles (Macroeconomics)	(3)
ECO 2023 Economic Principles (Microeconomics)	(3)
GEA 2000 World Regional Geography	(4)
POS 2041 American National Government	(3)
or	
POS 2112 State and Local Government	(3)
SYG 2000 Introduction to Sociology	(3)
WST X015 Introduction to Women's Studies	(3)

Interdisciplinary Core Courses

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

Coursework required for Interdisciplinary Social Sciences Majors

1. Required core courses for the major are:

ISS 3010 Introduction to Social Sciences	(3)
ISS 4935 Seminar in the Social Sciences -MW	(3)
STA 2122 Social Sciences Statistics -6A QM	(3)

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

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

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

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

• LIBERAL STUDIES (ALA)

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

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

Program Admission Procedure and Upper-level Course Requirements:

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

student) to be assembled by the student and the director of the major.

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

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

• Library and Information Science (LIS)

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

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

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

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

• MASS COMMUNICATIONS (COM)

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

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

Requirements for the Major in Mass Communications

To be admitted to the core curriculum in Mass Communications, students must have completed general education

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

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

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

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

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

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

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

Prerequisites (State Mandated Common Prerequisites)

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

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

Students must complete 18 semester hours outside the

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

English Composition (minimum grade of "C") (6)

MMC 3602 Mass Communications and Society (3)

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

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

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

Required Upper-level Coursework for the Mass Communications Major

School Core Curriculum

MMC 2100 Writing for the Mass Media

MMC 3602 Mass Comm and Society

Sequence Requirements

1. ADVERTISING Requirements

ADV 3000 Introduction to Advertising

ADV 3101 Advertising Copywriting

ADV 3300 Advertising Media Strategy

ADV 3501 Advertising Research

ADV 4800 Advertising Campaigns

ADV 4940 Advertising Practicum

MMC 4203 Media Ethics

Selective Requirements (12 hours required, selected with advisor's approval)

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

ECO 1000 Basic Economics

LIS 2005 Library and Internet Research Skills

MAR 3023 Basic Marketing

See specific courses for prerequisites.

2. JOURNALISM Requirements

News-Editorial Option

JOU 2100 Beginning Reporting

JOU 3101 Advanced Reporting

JOU 4181 Public Affairs Reporting

JOU 4200 News Editing I

MMC 4200 Communications Law

MMC 4203 Media Ethics

JOU 4206 Newspaper and News Publication Design

or

PGY 3610 Photojournalism I

Selective Requirements (10 hours required, selected with advisor's approval)

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

ECO 1000 Basic Economics

PHI 1103 Critical Thinking

POS 2041 American National Government

POS 2112 State and Local Government and Politics

or

POS 3142 Intro to Urban Politics & Government

and

SYG 2010 Contemporary Social Problems

Magazine Option

JOU 2100 Beginning Reporting

JOU 3101 Advanced Reporting

JOU 3308 Magazine Article and Feature Writing

JOU 4200 News Editing I

JOU 4212 Magazine Design and Production

MMC 4200 Communications Law

MMC 4203 Media Ethics

MMC 4420 Research Methods

Selective Requirements (7 hours required, selected with advisor's approval)

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

ECO 1000 Basic Economics

CRW 2100 Narration and Description

PHI 1103 Critical Thinking

POS 2041 American National Government

POS 2112 State and Local Government and Politics

or

POS 3142 Intro to Urban Politics and Government

and

SYG 2010 Contemporary Social Problems

See specific courses for prerequisites.

Visual Communications Option

JOU 2100 Beginning Reporting

JOU 4200 News Editing I

JOU 4206 Newspaper and News Publication Design

MMC 4200 Communications Law

MMC 4203 Media Ethics

MMC 4936 Selected Topics: Visual Communication and New Media

PGY 3610 Photojournalism I

VIC 3001 Introduction to Visual Communications

VIC 3943 Visual Communications Practicum

Selective Requirements (6 hours required, selected with advisor's approval)

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

An advisor-approved 6-hour concentration

or

ECO 1000 Basic Economics

SYG 2010 Contemporary Social Problems

3. PUBLIC RELATIONS Requirements

ADV 3000 Introduction to Advertising

JOU 2100 Beginning Reporting

MMC 4200 Communications Law

or

MMC 4203 Media Ethics

PUR 3000 Principles of Public Relations

PUR 3500 Public Relations Research

PUR 4100 Writing for Public Relations

PUR 4101 Public Relations Design and Production

PUR 4401 Public Relations: Issues, Practices, Prob.

PUR 4801 Advanced Public Relations

Selective Requirements (4 hours required, selected with advisor's approval)

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

ECO 1000 Basic Economics

LIS 2005 Library and Internet Research Skills

MAN 3025 Principles of Management

MAR 3023 Basic Marketing

POS 2041 American National Government

POS 2112 State and Local Government and Politics

or

POS 3142 Intro to Urban Politics and Government

4. TELECOMMUNICATIONS Requirements

News Option

JOU 4181 Public Affairs Reporting
 MMC 4200 Communications Law
 MMC 4420 Research Methods
 RTV 3001 Introduction to Telecommunications
 RTV 3301 Broadcast News
 RTV 4304 TV News
 RTV 4320 Electronic Field Production
 Selective Requirements (9 hours required, selected with advisor's approval)

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

PHI 1103 Critical Thinking
 POS 2041 American National Government
 POS 2112 State and Local Government and Politics
or
 POS 3142 Intro to Urban Politics and Government
and
 SPC 2600 Public Speaking

Production Option
 MMC 4200 Communications Law
 RTV 2100 Writing for Radio and TV
 RTV 3001 Introduction to Telecommunications
 RTV 3301 Broadcast News
 RTV 4220 TV Production and Direction
 RTV 4320 Electronic Field Production
 RTV 4500 Telecommunications Programming and Management
 Selective Requirements (9 hours required, selected with advisor's approval)

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

CRW 2100 Narration and Description
or
 ENC 3310 Expository Writing
and
 PHI 1103 Critical Thinking

Requirements for the Minor in Mass Communications

The minor in Mass Communications is available to students pursuing any other major at USF. Students who wish to minor must apply for admission to the School of Mass Communications and must meet all admission standards required of majors. Please see "Requirements for the Major in Mass Communications" for more admission information.

The minor in Mass Communications requires a minimum of 18 hours of School coursework, including:

MMC 2100 (3) MMC 3602 (3)

The other 12 hours may be selected from among School offerings and must include a minimum of 9 hours at the 3000-level or higher. All major course prerequisites must be met. A grade of "D" or "F" will not be counted toward a mass communications minor and a 2.5 grade point average in all minor coursework must be maintained. All minor hours must be completed at USF.

• MATHEMATICS (MTH)

The Department of Mathematics offers a diversity of courses designed not only to enable the student to pursue a profession in mathematics itself, but also to enhance the student's competence in the fields of engineering, the physical sciences, the life sciences, and the social sciences. The department offers programs leading to the B.A., M.A., and Ph.D. degrees. The undergraduate program emphasizes the broad nature of modern mathematics and its close associations with the real world. The program is designed to prepare students for entry into graduate school or careers in industry or secondary education.

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

Requirements for the Major in Mathematics

Prerequisites (State Mandated Common Prerequisites)

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

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

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

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

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

MAJOR IN MATHEMATICS

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

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

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

1. Mathematics Requirements (Minimum 45 credit hours)

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

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

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

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

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

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

COP 4313 Symbolic Computations in Mathematics	(3)
MAA 4211 Intermediate Analysis I	(4)
MAA 4212 Intermediate Analysis II	(3)
MAA 4402 Complex Variables	(3)
MAD 4401 Numerical Analysis	(3)
MAD 4504 Theory of Computation	(3)
MAD 5305 Introduction to Graph Theory	(3)
MAP 2302 Differential Equations	(3)
MAP 5345 Applied Partial Differential Equations	(3)
MAP 5407 Methods of Applied Mathematics	(3)
MAS 4156 Vector Calculus	(4)
MAS 4301 Elementary Abstract Algebra	(3)
MAS 5215 Number Theory	(3)
MAT 4970 Mathematics Senior Thesis	(3)
MHF 4403 Early History of Mathematics	(3)
MHF 4406 History of Modern Mathematics	(3)
MTG 4214 Modern Geometry	(3)
MTG 4302 Introduction to Topology	(3)
STA 4321 Essentials of Statistics	(3)
STA 4442 Introduction to Probability	(3)

Special Notes.

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

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

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

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

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

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

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

HONORS PROGRAM IN MATHEMATICS

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

Students are eligible for admission to the program when they

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

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

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

1. completion of the requirements of the major in mathematics,
2. completion of MAA 4211, Intermediate Analysis I,
3. completion of MAT 4970, Mathematics Senior Thesis,
4. completion of eight mathematics courses at or above the

4000-level,

5. at least a 3.0 average for all college courses, and
6. at least a 3.5 average for mathematics courses.

ACCELERATED BA/MA PROGRAM

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

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

For admission to the program, a student must

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

To apply for admission, send a letter to the Chair of the Department of Mathematics stating your qualifications and desire to enter the program. An important benefit of this program is that a student is eligible to apply for a graduate teaching assistantship once he or she has completed the undergraduate mathematics major courses. To plan your program, see the Undergraduate Advisor in Mathematics.

Requirements for the Minor in Mathematics

The minor in mathematics is open to all students. Students with majors in the sciences, engineering, business, and the social sciences are particularly encouraged to pursue the minor. A student wishing to receive a minor in mathematics must meet the following course requirements (minimum of 26 credit hours):

1. Required Courses (20 credit hours)

Either

- | | |
|-----------------------|-----|
| MAC 2311 Calculus I | (4) |
| MAC 2312 Calculus II | (4) |
| MAC 2313 Calculus III | (4) |

Or

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

Also, both of the following:

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

2. Elective Courses (Min. 6 credit hours)

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

TEACHER EDUCATION PROGRAMS

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

C- GRADES

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

grade points) or better is required in the prerequisites for these courses.

• PHILOSOPHY (PHI)

Recommended Prerequisites (State Mandated Prerequisites)

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

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

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

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

Mathematics (any courses).

Foreign Languages (Beginning and Intermediate German, French, or Latin) (1120-1121 level and 2200-2201 level)

Classics (CLT, CLA for example)

Requirements for the Major in Philosophy

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

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

Requirements for the Minor in Philosophy

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

- PHH 3062 History of Philosophy: Ancient and Medieval
PHH 3400 History of Philosophy: Modern
PHP 3786 Existentialism
or
PHH 4440 Continental Philosophy
or
PHH 4700 American Philosophy
or
PHP 4784 Analytic Philosophy
PHI 2101 Introduction to Formal Logic

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

Honors Program

The Honors Program in Philosophy allows superior students to pursue philosophical studies at a more advanced level than is customary in undergraduate philosophy programs. Students in the Honors Program will be required to do

independent research, to participate in an Honors Seminar, and to write and defend an undergraduate thesis.

Admission Criteria:

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

Program Requirements:

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

1. Students must take either PHH 4440, 19th Century Continental Philosophy, or PHH 4600, Contemporary Philosophy
2. Students must take one course from each of the following groups:
 - Group 1
 - PHI 3404 Scientific Method
 - PHI 4320 Philosophy of Mind
 - PHI 4300 Theory of Knowledge
 - PHI 5225 Philosophy of Language
 - PHP 4784 Analytical Philosophy
 - Group 2
 - PHI 4670 Contemporary Ethical Theory
 - PHI 3601 Contemporary Moral Issues
 - PHI 3700 Philosophy of Religion
 - PHI 4800 Aesthetics
 - PHM 3021 Philosophies of Love and Sex
 - PHM 3400 Introduction to Philosophy of Law
 - Group 3
 - PHM 3100 Social Philosophy
 - PHM 4322 Ancient and Medieval Political Philosophy
 - PHM 4331 Modern Political Philosophy
 - PHM 4340 Contemporary Political Philosophy
 - PHP 4788 Philosophy of Marxism
 - Group 4
 - PHH 4700 American Philosophy
 - PHP 3786 Existentialism
 - PHP 4000 Plato
 - PHP 4010 Aristotle
 - PHP 4410 Kant
 - PHP 4740 The Rationalists
 - PHP 4745 Empiricists
3. Students must take an Honors Seminar in their senior year.
4. Students must write a senior thesis and undergo an oral examination on the thesis before a committee of two faculty members, with the Chair as an *ex officio* member of every such committee.
5. Students cannot receive a grade lower than a "B" in any Philosophy course, and their grade point average in Philosophy must be at least a 3.5 to remain, or be graduated from the Philosophy Honors program.
6. Students must complete 35 credit hours in Philosophy, including the 3-hour thesis course and the 3-hour Honors Seminar.

• PHYSICS (PHY/PHS)

The Department of Physics offers undergraduate programs leading to a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) degree. The B.A. program is designed for

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

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

Requirements for the Majors in Physics

Prerequisites (State Mandated Common Prerequisites)

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

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

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

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

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

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

Coursework for Majors in Physics

1. Physics Courses

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

PHY 2048 General Physics I	(3)
PHY 2048L General Physics I Lab	(1)
PHY 2049 General Physics II	(3)
PHY 2049L General Physics II Lab	(1)
PHY 3101 Modern Physics	(3)
PHY 3221 Mechanics I	(3)
PHY 3822L Intermediate Lab	(3)
PHY 3323 Electricity and Magnetism I	(3)
PHY 4222 Mechanics II	(3)
PHY 4930 Undergraduate Seminar	(1)
PHY 4324 Electricity and Magnetism II	(3)
PHY 4910 Undergraduate Research	(1-4)
PHY 4823L Advanced Laboratory	(3)
PHY 4604 Intro. to Quantum Mechanics	(3)

B.S. PHYSICS (44 credit hours)

PHY 2048 General Physics I	(3)
PHY 2048L General Physics I Lab	(1)
PHY 2049 General Physics II	(3)
PHY 2049L General Physics II Lab	(1)

PHY 3101 Modern Physics	(3)
PHY 3221 Mechanics I	(3)
PHY 3822L Intermediate Lab	(3)
PHY 3323 Electricity and Magnetism I	(3)
PHY 4222 Mechanics II	(3)
PHY 4930 Undergraduate Seminar	(1)
PHY 4324C Electricity and Magnetism II	(3)
PHY 4604 Intro. Quantum Mechanics	(3)
PHY 4910 Undergraduate Research	(1-4)
PHY 4823L Advanced Laboratory	(3)

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

2. Required Supporting Courses in Natural Sciences

CHM 2045 General Chemistry I	(3)
CHM 2045L General Chemistry I Lab	(1)
CHM 2046 General Chemistry II	(3)
CHM 2046L General Chemistry II Lab	(1)
MAC 2311 or 2281 Calculus I	(4)
MAC 2312 or 2282 Calculus II	(4)
MAC 2313 or 2283 Calculus III	(4)
MAP 2302 Differential Equations	(3)

3. Liberal Arts Requirements

[General Education Requirements (36 credit hours); Exit Requirements (9 credit hours)]

The student is required to complete the university's Liberal Arts Requirements.

4. Free Electives

Courses over and above required courses should be taken to complete a 120-hour program.

5. Residency Requirement

A minimum of 20 credit hours of physics courses (see 1 above) in residency.

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

Requirements for the Minor in Physics

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

Required Courses

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

Elective Courses (Pick from list below) (8 credit hours)

PHY 3221 Mechanics I	(3)
PHY 3323 Electricity and Magnetism I	(3)
PHY 4604 Intro. Quantum Mechanics	(3)

or Physics electives subject to approval of undergraduate advisor.

Required Supporting Courses

Correct prerequisites for any course required.

Requirements for the Minor in Biomedical Physics

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

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

This minor combines fundamental knowledge of physics acquired through the General Physics lectures and laboratories to applications that cover a wide spectrum of topics of interest to students pursuing a future clinical or research career in the areas of biology, medicine, biophysics, and other

related areas.

A minimum "C" average in the 16 credit hours is required for obtaining this minor.

Teacher Education Programs

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

• PSYCHOLOGY (PSY)

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

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

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

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

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

PSY X012 Introduction to Psychology **and** any other lower level Psychology course within the Psychology inventory

STAXXXX Any level Statistics course (X000 - X099)

BSCXXXX Any level General Biology course (or BSC X200-X209, or ZOO X010)

Majors must complete at least 34 semester hours in the field. A minimum grade of "C-" or better must be attained in each course in the major, except for PSY 3204 (or other qualifying statistics course) and PSY 3213, where a C or better is required. Although a C- is allowable for individual courses, a major GPA of 2.0 minimum is required for graduation. All majors must complete:

Requirements for Psychology Majors

1. 2000/3000 Level Requirement (6 semester hours)
PSY 2012 Psychological Science I (if not already taken at a community college)
PSY 3204 Psychological Statistics
2. Methods Course Requirement (7 semester hours)

PSY 3213 Research Methods

and one of the following:

CLP 4433 Tests and Measures

PSY 4205 Experimental Design and Analysis

or another methods course approved by the undergraduate advisor in Psychology.

3. 4000 Level Requirement (21 semester hours)

Courses in categories 1 and 2 must be completed before any 4000 level courses are attempted. Successful completion of 7 additional Psychology courses numbered at the 4000 level selected as follows: At least two courses from each of the two groups below:

Group I

EXP 4204C Perception

EXP 4404 Psychology of Learning

PSB 4013C Physiological Psychology

EXP 4304 Motivation

EXP 4523C Cognitive Psychology

Group II

CLP 4143 Abnormal Psychology

INP 4004 Industrial Psychology

SOP 4004 Social Psychology

DEP 4005 Developmental Psychology

PPE 4004 Personality

and any 3 additional courses numbered at the 4000 level.

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

PSY 4913 Directed Study

PSY 4970 Honors Thesis.

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

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

A prerequisite for all 4000-level courses is a grade of "C" or better in both PSY 3204 (or other qualifying statistics course) and PSY 3213, not "C-". For students minoring in Psychology, a grade of "C" or better in any college-level statistics course will substitute for the PSY 3213.

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

Requirements for the Minor in Psychology

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

Concentration in Applied Behavior Analysis

Undergraduate majors working toward the B.A. in psychology may complete a structured sequence of coursework and practicum in Applied Behavior Analysis. Students are admitted to the program in the junior or senior year, after completing EXP 4404, Psychology of Learning and CLP 4414, Behavior Modification with a grade of B or better. Admission requirements further include a minimum overall USF GPA of 3.0 or better, GPA of 3.2 for Psychology coursework, completion of at least 75 hours, and three letters of recommendation. Admissions are made in the fall of each academic year.

Successful completion of the concentration prepares students for employment opportunities in a variety of settings, for advanced study in Applied Behavior Analysis, and eligibility for completion of the Florida Certification Examination for Associate Behavior Analysis. Detailed information regarding the program and the admission process may be obtained from the undergraduate advisor or the program secretary.

Psychology Honors Program

The purpose of the Honors Program is to provide a select group of undergraduate Psychology majors an opportunity to undertake an intensive individualized research experience. The culmination of the Honors Program is the completion and defense of an honors thesis. Application for the program will take place during the second semester of the student's junior year or, typically, prior to completion of 90 semester credits. Admission to the program is competitive and based on the student's overall academic record, performance in psychology courses, and a letter of recommendation from a member of the Psychology Department faculty. Successful completion of the program requires a GPA of 3.5 in major coursework, an overall GPA of 3.25 at USF, and, typically, completion of 43 hours in Psychology including PSY 4932, Honors Seminar (6) and PSY 4970, Honors Thesis (6). See the Psychology Department Undergraduate Advisor for details of the program and an application form.

• REHABILITATION AND MENTAL HEALTH COUNSELING (REF) Five Year Masters Program

A five-year master's program is available to undergraduates where an M.A. degree in Rehabilitation and Mental Health Counseling and a bachelor's degree in another major (if desired) can be earned in a total program of 150 semester hours. An undergraduate major is not required. Students admitted through the five-year program (REF) must have completed 90 semester hours of work and have satisfied General Education, CLAST, and Rule 6A-10.30 (Gordon Rule) requirements. Minimum admission requirements include a total Verbal-Quantitative score of at least 1000 on the GRE or a "B" average over the last 60 semester hours. All applicants must take the GRE whether or not they have a 3.0 grade-point average. A detailed description of the M.A. program in Rehabilitation and Mental Health Counseling may be found in the Graduate Catalog and on the Internet at http://www.cas.usf.edu/rehab_counseling/index.html.

Undergraduates interested in the five-year program (REF) should contact the department at the start of their sophomore year. Applications for the five-year program are available from the Department. GRE scores and three letters of recommendation must be received before any application is processed.

Mission Statement

The mission of the Department of Rehabilitation and Mental Health Counseling is to promote quality services for individuals with differences in abilities and to help the state meet its human service needs in the areas of rehabilitation and mental health through teaching, research and service.

Objectives

1. To provide students with a sound knowledge of the basic philosophical tenets and relevant historical foundations of rehabilitation and mental health counseling, and to prepare master's level rehabilitation and mental health counselors who adhere to ethical principals, including the belief in human dignity and the right of all individuals to fully participate in society.
2. To prepare master's level rehabilitation and mental health counselors to be critical consumers of information and to encourage participation in and contributions to the expansion of knowledge in the fields of rehabilitation and mental

health counseling.

3. To encourage the professional growth and development of master's level rehabilitation and mental health counselors through the promotion of on-going involvement in the rehabilitation community at the local, state, and national levels, and to promote advocacy on behalf of people with differences in abilities.

Rehabilitation Counselors work in a wide variety of settings, including public and private rehabilitation programs and facilities, mental health treatment settings, and substance abuse treatment settings. Some establish their own private rehabilitation or mental health counseling practices.

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

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

• RELIGIOUS STUDIES (REL)

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

Requirements for the Major in Religious Studies

Recommended Prerequisites (State Mandated Common Prerequisites)

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

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

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

Upper-level Requirements and Coursework for the Religious Studies Major

Students must choose a total of 36 credit hours from Religious Studies courses. Transfer students may not apply more than 12 hours taken elsewhere toward the major at the University of South Florida. Only letter grades will be counted toward the minimum of 24 credit hours taken at the University of South Florida for transfer students or 36 (for non-transfer students) credit hours necessary to complete the 36 credit hours required for the major. Students taking Religious Studies as a second major need to complete only 30 credit hours. To do so they must make a written request to the Undergraduate Director at the time they declare their major.

All majors must take

- a. REL 3003 Introduction to Religion (3)
- b. REL 4939 Development of Religious Studies (4)
- c. REL 4931 Seminar in Religion (3)
- d. An additional 26 credit hours chosen from Religious Studies courses. Students are expected to study at least two different religious traditions.

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

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

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

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

Requirements for the Minor in Religious Studies

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

All minors must take

- a. REL 3003 Introduction to Religion (3)
- b. REL 4939 Development of Religious Studies (4)
- c. An additional 11 credit hours chosen from Religious Studies courses. Students are expected to study at least two different religious traditions.

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

Requirements for the Honors Program in Religious Studies

The purpose of the Honors Program in Religious Studies is to provide outstanding undergraduates with advanced and individualized learning opportunities in Religious Studies and their areas of special interest in this field. In addition it will serve to facilitate more direct contact between students in the

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

Admissions Criteria:

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

Requirements for Completion of the Departmental Honors

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

Required Courses for the Minor:

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

• SOCIAL WORK (SOK)

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

The secondary objectives of the B.S.W. program are to

1. Provide for the social work human resources needs of the university service district (the central Florida west coast

- area), the State of Florida, and the Southeast Region;
2. Prepare graduates for additional professional training at the graduate level in social work or in related human service professions;
3. Provide an exposure to social work as a profession and to contemporary issues in the social welfare field.

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

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

Enrollment in the B.S.W. program is limited. Students may apply for admission to the School for the B.S.W. program during enrollment in either SOW 3302 or SOW 3203.

However, the completion of the prerequisites does not guarantee the student's admission to the program. Limited state funding places constraints on the size of the social work faculty and in order to maintain a high quality of instruction, it is necessary to achieve an appropriate faculty-student ratio. This means that it may be necessary to deny full admission to the B.S.W. program solely on the basis of no available space. Any student applying for full admission to the program should be aware of this possibility.

A student must maintain a GPA of 2.75 minimum in social work courses while enrolled in the program and demonstrate behaviors that are congruent with professional standards and values as described above in order to proceed in the major. Any student who fails to maintain at least a 2.75 GPA in the social work major and/or demonstrates behaviors that are incongruent with the standards and values of the profession may not proceed in the major.

A social work major receiving a grade of less than "C" in a core course will be required to repeat the course. A grade of "C-" is not considered acceptable and a student receiving a "C-" in a core course must repeat the course. Furthermore, no student will be allowed to enter field placement with a "C-" grade or below in any SOW core courses, even if the student's GPA is 2.75 or above with the inclusion of the a "C-" grade of below.

Admission to the B.S.W. program is a three stage process, i.e., common prerequisites, provisional courses, and core curriculum. Any student who holds a minimum of sophomore standing and is completing common prerequisite work in political science, biology, economics, psychology and sociology (see specific requirements below) may declare a social work major. At this stage, students may file a declaration of major form with the College of Arts and Sciences, Office of Graduate and Undergraduate Studies. All majors will be

assigned to an advisor within the School who will assist the student in selecting courses. Many students will have already taken most of the common prerequisite courses as part of general education at USF or in their course of study at a community college. After completion, a student will be ready for courses in the provisional social work major, a final step in applying for full admission to the B.S.W. program as a full major. It is necessary to be admitted as a full major before taking core social work courses.

Admission requirements for the social work full major are as follows:

1. A student must have completed a minimum of one semester as a provisional social work major.
2. A student must have completed required common prerequisites and provisional courses (see listing).
3. A student must complete an application for full admission and file it with the School of Social Work before the beginning of the semester in which admission is sought; dates will be announced in provisional courses.
4. A student may be asked to complete an admission interview with a favorable action from the Undergraduate Committee.
5. A student must achieve a grade of "B" or better in SOW 3302, "Introduction to Social Work" and SOW 3203, "The American Social Welfare System," to be considered for full admission. A grade of "B-" is not acceptable in either "Introduction to Social Work" or "American Social Welfare."
6. A student must have successfully completed CLAST.

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

Requirements for the Major in Social Work

Prerequisites (State Mandated Common Prerequisites)

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

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

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

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

State Mandated Common Prerequisite Courses (P)

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

One course in each of the following cognate areas

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

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

American Government

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

Biology

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

Economics:

- ECO 1000 Basic Economics (3)

Psychology:

- PSY 2012 Psychological Science I (3)

Sociology:

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

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

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

African American Studies:

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

Anthropology:

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

Sociology:

- SYD 3700 Racial and Ethnic Relations (3)

Women's Studies:

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

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

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

Social Work Core Courses

1. Human Behavior and Social Environment Courses
 SOW 3101 (4) SOW 3102 (4) SOW 4522 (3)
 2. Social Welfare: Policy & Program Course
 SOW 4233 (4)
 3. Social Research Course
 SOW 3401 (4)
 4. Social Work Practice Courses

SOW 4341 (5)	SOW 4343 (5)
5. Field Experience	
SOW 4510 (3)	SOW 4510L (6)
Summary:	
Core Courses	29 hours
Field Experience	9 hours
TOTAL	38 hours

• SOCIOLOGY (SOC)

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

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

Requirements for the Major in Sociology

Prerequisites (State Mandated Common Prerequisites)

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

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

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

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

Specific Coursework in the Sociology Major

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

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

SYG 2000 Introduction to Sociology (May be replaced with an upper level sociology elective if a total of 12 or more hours of sociology coursework is completed before declaring a Sociology major)

- SYA 3010 Classical Theory
 SYA 3300 Research Methods (Prerequisite: STA 2122 Social Science Statistics or its equivalent)
 SYA 4935 Senior Seminar (Students earning a grade less than "C" in this course must take an additional course in Sociology. In that event, the minimum number of Sociology credits is 39)

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

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

Requirements for the Minor in Sociology

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

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

Honors Program in Sociology

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

Minimum Eligibility Requirements:

1. Junior standing.
2. 12 semester hours of sociology course work with a major GPA of 3.0 by the end of the semester in which application is made.
3. Overall USF GPA of 3.00 or higher.
4. Selection and approval of faculty mentor.

Completion Requirements:

1. Completion of all requirements for the major.
2. Completion of at least one upper level elective relevant to the thesis (course must be approved by faculty mentor).
3. USF overall and major GPA of at least 3.00.
4. Successful completion of the Honors Seminar.
5. Successful completion of the Honors Thesis (SYA 4910 and the thesis itself).

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

• WOMEN'S STUDIES (WST)

Women's Studies at the University of South Florida offers

an interdisciplinary field of study that features and critically examines women's experiences, taking into consideration historical, cultural, racial, class, and other differences. The department offers a B.A., a minor in Women's Studies, and a concentration in Women of Color Studies. Enhancing knowledge about feminisms and gender studies through teaching, emphasis on multiculturalism and diversity, the department focuses on critical thinking, collaborative learning, and personal empowerment.

Women's Studies offers excellent undergraduate preparation as well for

Those who wish to apply to law school or to graduate study in a variety of fields, e.g., Urban or Medical Anthropology, Counselor Education, Criminal Justice, Gerontology, History, Rehabilitation Counseling, Social Work, Women's Studies

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

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

Requirements for the Major in Women's Studies

Prerequisites (State Mandated Common Prerequisites)

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

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

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

Upper-level Coursework for Women's Studies Majors

Each major must complete 36 hours distributed as follows:

- I. Required Core Courses (15 hours)

WST 3311 Issues in Feminism	(3)
WST 4310 History of Feminism in the U.S.	(3)
WST 4522 Classics in Feminist Theory	(3)
WST 4935 Capstone/Senior Project	(3)
AFA 4335 Black Women in America OR	
WST 4262 Literature by Women of Color in the Diaspora	(3)
- II. Select 21 credit hours from the following list, noting prerequisites where applicable:

WST 2250 The Female Experience in America	(3)
WST 3210 European Feminist History: Pre-18th Century	(3)
WST 3220 European Feminist History: 18th Century to Present	(3)
WST 3225 Women, Environment and Gender	(3)
WST 3440 Women and Social Action	(3)
WST 4260 Research Issues on Women of Color	(3)
WST 4410 Third World Women Writers	(3)
WST 4335 Women and Film	(3)
WST 4320 The Politics of Women's Health	(3)
WST 4350 Women and Science	(3)
WST 4560 Contemporary Feminist Theory	(3)

PHI 4632 Feminist Ethics	(3)
POS 4693 Women and Law I	(3)
POS 4694 Women and Law II	(3)
WST 4900 Directed Readings	
WST 4910 Directed Research	
WST 4930 Selected Topics	
<i>(Limit to 6 credits from the following courses)</i>	
AMH 3561 American Women I	(4)
AMH 3562 American Women II	(4)
AMS 3370 Southern Women: Myth and Reality	(3)
COM 4030 Women and Communication	(3)
POS 4323 Women and Politics	(3)
REL 3145 Women and Religion	(3)
SOP 3742 Psychology of Women	(3)
SPT 2524 Women Writers of Latin America	
WST 2600 Human Sexual Behavior	(3)
WST 3015 Introduction to Women's Studies	(3)

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

Requirements for the Minor in Women's Studies

Minor in Women's Studies

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

Required:

WST 3015

or

WST 3311

Electives:

Plus 15 credit hours with at least 2 courses at the 4000 level and above.

Minor in "Women of Color"

Women's Studies offers a specific concentration in the area of Women of Color whose focus will be to examine the relationship between women of color and institutions of power.

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

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

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

A concentration in the area of Women's Spirituality is possible. Please contact Dr. Gurleen Grewal, Undergraduate Advisor, at (813) 974-0984, ggrewal@cas.usf.edu.

• WORLD LANGUAGE EDUCATION

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

CLASSICS (CLS)

Major programs leading to the Bachelor of Arts degree are

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

Requirements for the Major in Classics

Prerequisites (State Mandated Common Prerequisites)

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

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

To complete a major in Classics, students should demonstrate proficiency at the intermediate level within the target language. This may be accomplished by completing 6-12 hours within the language or by demonstrated competency at the intermediate level. If this coursework (or associated competency) is not completed at the community college, it must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade.

Upper-Level Coursework for the Classics Major

The Major in Classics requires 10 courses, earning a minimum of 30 credit hours. Of those courses, a minimum of 4 courses must consist of language courses in Latin (LAT or LNW) or in Greek (GRE and GRW), which must include or presuppose LAT 2200 or GRE 2200. The remaining 6 courses are to be chosen from a list of approved courses with the advice of the Classics advisor.

Requirements for the Minor in Classics

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

Honors Program

Admissions Criteria

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

Dismissal Procedures

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

Requirements for Completion of Departmental Honors:

1. Completion of requirements for a major in the Department with a GPA above 3.5 and an overall GPA of 3.3 or above.
2. Acceptance of a Senior Thesis by a committee of faculty members in the Department.
3. A grade of "A" on a sight translation from a Latin or Greek

author.

4. Successful completion of an upper-level Greek or Latin course designated as an Honors Seminar.

Requirements for the Major in Interdisciplinary Classical Civilizations (ICC)

Interdisciplinary Classical Civilizations is a broad-based area study encompassing the literature, history, linguistics, art and archaeology, philosophy, and religion of Greece, Rome and the Near East from pre-history to late antiquity. For centuries, the study of these vibrant societies has been recognized as essential to a proper understanding of our own culture and, recently, there has been a renewed recognition of the skills such study develops.

All students wishing to enroll in the ICC major must schedule an appointment with the Coordinator of Interdisciplinary Classical Civilizations in order to develop a program of study. Students will be urged to fulfill their General Education and University Exit Requirements, whenever possible, from courses taught within the Classical Civilizations Program. Courses that are applied toward the Gen. Ed. or "Core" Requirements cannot be utilized more than once.

Language Requirement: The BA language requirement should be fulfilled by the two-semester sequence in either Greek or Latin (GRE 1120 & 1121 or LAT 1120 & 1121). One semester of intermediate level Greek or Latin (GRE 2200 or LAT 2200) is required by State mandate.

The ICC Major can be fulfilled in one of two ways:

- A. The ICC Major (33 hours minimum) is intended for students who wish to become familiar with aspects of the Classical heritage of Western Civilization.
- B. The ICC Major with Honors (39 hours minimum) is intended for students who wish to continue their studies beyond the undergraduate level and includes a thesis (3 hrs.). The student must also maintain a 3.5 GPA within the major and a 3.3 overall GPA.

A. Requirements of the ICC Major (33 hours minimum)

1. 12 hours from the ICC "Core."
 - CLA 3103 Greek Civilization (3)
 - or
 - CLT 3101 Greek Literature in Translation (3)
 - CLA 3123 Roman Civilization (3)
 - or
 - CLT 3102 Roman Literature in Translation (3)
 - HIS 3930 Classical Archaeology (3)
 - or
 - ANT 3101 Archaeology (3)
 - or
 - REL 3280 Biblical Archaeology (3)
 - and
 - CLT 3370 Classical Mythology (3)
 2. 18 hours (minimum) from the ICC "Fields."

Two (2) courses from an approved list of 2000 to 3000 level courses in Anthropology, Classics, History, Philosophy, or Religious Studies.

Four (4) courses from an approved list of 3000 to 4000 level courses in Anthropology, Classics, History, Philosophy, or Religious Studies.
 3. 3-4 hours from an approved list of 4000 level Exit Requirement courses in Anthropology, Classics, History, Philosophy, or Religious Studies.
- B. Requirements of the ICC Major with Honors (39 hours minimum):
1. 12 hours from the ICC "Core."

- CLA 3103 Greek Civilization (3)
- or
- CLT 3101 Greek Literature in Translation (3)
- CLA 3123 Roman Civilization (3)
- or
- CLT 3102 Roman Literature in Translation (3)
- HIS 3930 Classical Archaeology (3)
- or
- ANT 3101 Archaeology (3)
- or
- REL 3280 Biblical Archaeology (3)
- and
- CLT 3370 Classical Mythology (3)

2. 12 hours beyond the BA Language Requirement in either Greek or Latin.
Competence in one or two ancient languages for 5 semesters of coursework is required. Courses must be taken with the approval of the Coordinator.
3. 12-16 hours from the Major Field Requirements.
Major Fields are currently defined in Ancient History, Philosophy and Religious Studies. The student will select four courses in the Major Field area with the approval of the Coordinator. The student must take at least one exit level course in the Major Field he/she chooses.
4. 3 hours of Faculty Mentored Research.
The student will complete a research project under the direction of a faculty committee composed of a faculty mentor and at least two additional faculty members. The project is intended to produce a substantial research paper that can serve as a writing sample when the student applies for advanced graduate study.
5. Maintenance of a 3.5 GPA within the major and a 3.3 overall GPA.

Requirements for the Minor in Interdisciplinary Classical Civilizations (ICC)

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

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

1. Two courses (6 hours) from the ICC Minor "Core."
 - Either
 - CLA 3103 Greek Civilization (3)
 - or
 - CLT 3101 Greek Literature in Translation (3)
 - Either
 - CLA 3123 Roman Civilization (3)
 - or
 - CLT 3102 Roman Literature in Translation (3)
 - CLT 3370 Classical Mythology (3)
2. 3-4 hours from 2000-3000 level courses in Anthropology, History, Philosophy and Religious Studies selected with the guidance and approval of the Coordinator.
3. 6-8 hours from 3000-4000 level courses in Anthropology, History, Philosophy and Religious Studies selected with the guidance and approval of the Coordinator.

B. Courses are organized along an interdisciplinary principle.

1. Two courses (6 hours) from the ICC Minor "Core."
 - Either
 - CLA 3103 Greek Civilization (3)
 - or
 - CLT 3101 Greek Literature in Translation (3)
 - Either

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

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

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

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

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

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

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

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

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

Upper-level Coursework Required for Each of the Following

Modern Language Majors

• French (FRE)

Required courses for the major (15 credit hours)

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

Supporting courses required for the major

17 hours in 3000, 4000, or 5000 level courses planned with the advisor.

Required courses for the minor (6 credit hours)

- FRE 2240 (3) FRE 3420 (3)

Supporting courses required for the minor

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

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

Required courses in French for the major (15 credit hours)

- FRE 2240 (3) FRE 3230 (3)
FRE 3420 (3) FRE 3440 (3)
FRE 3500 (3)

Supporting courses in French required for the major (9 credit hours)

Choose from the list below:

- FRE 4421 (3) FRE 4700 (3)
FRE 4930 French for Business II (3)
FRE 4930 French Phonetics (3)
FRE 5425 (3) FRE 5566 (3)
FRW 4100 (3) FRW 4101 (3)

Required courses in International Studies (9 credit hours)

- CPO 2002 (3) EUS 3000 (3)
CPO 4930 Comparative Government & Politics (3)

Required courses in Business (18 credit hours)

- ACG 3074 (3) ECO 1000 (3)
MAN 3025 (3) MAR 3023 (3)
FIN 3403 (3) Capstone Course (3)

Supporting courses in Business for the major (6 credit hours)

Choose any 2 upper-level international business courses.

Required overseas study courses &/or area studies courses (6 credit hours)

Select 6 overseas study credit hours or 3 credit hours overseas study plus 3 credit hours area studies courses planned with the advisor.

• German (GER)

Requirements for the major (17 credit hours)

- GEW 4100 (3)
GEW 4101 (3)
GEW 4900 or FLE 4316 (2)

9 hours of 3000, 4000, or 5000 level coursework in German

Supporting courses required for the major

15 hours in 2000-5000 level courses with coursework in German (taught in either German or English), including approved courses in related disciplines, planned with a advisor (max of 9 hours German taught in English).

Required courses for the minor (9 credit hours)

9 hours of 3000, 4000, or 5000 level coursework in German.

Supporting courses required for the minor (6 credit hours)

6 hours of 2000, 3000, 4000, or 5000 level with coursework in German (taught in either German or English, max. 3 hours taught in English, max 3 hours in 2000 level).

• Modern Greek (GRK)

Required courses for the minor (16 credit hours)

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

• Italian (ITA)

Required courses for the major (15 credit hours)

- ITA 2240 (4) ITW 4100 (4)
ITA 3420 (3) ITW 4101 (4)

Supporting courses required for the major

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

Required courses for the minor (7 credit hours)

ITA 2240 (4) ITA 3420 (3)

Supporting courses required for the minor

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

• Russian (RUS)**Required courses for the major (14 credit hours)**

RUS 3240 (4) RUT 3110 (3)

RUS 4241 (4) RUT 3111 (3)

Supporting courses required for the major

18 hours in 3000 or 4000 level courses planned with the advisor.

Required courses for the minor (8 credit hours)

RUS 3240 (4) RUS 4241 (4)

Supporting courses required for the minor

8 hours in 3000 or 4000 level courses.

• Spanish (SPA)**Required courses for the major (18 credit hours)**

SPN 4301 (3) SPW 4101 (3)

SPW 3030 (3) SPW 4130 (3)

SPW 4100 (3) SPW 4131 (3)

Supporting courses required for the major:

15 hours in 3000, 4000 or 5000 level courses. Students may take up to six (6) credit hours related to Spanish language and culture in another department approved by the Spanish advisor.

Required courses for the minor (3 credit hours)

SPN 4301 (3)

Supporting courses required for the minor

12 hours in 3000, 4000 or 5000 level courses. Students may take up to three (3) credit hours related to Spanish language and culture in another department approved by the Spanish advisor.

• Spanish (SPA) with an international studies and business concentration**Required courses in Spanish for the major (18 credit hours)**

SPN 3440 (3) SPN 3520 (3)

SPN 3441 (3) SPN 4301 (3)

SPN 3500 (3) SPN 4410 (3)

Supporting courses in Spanish required for the major (6 credit hours)

Choose from the list below:

SPN 3340 (3) SPW 3030 (3)

SPN 3341 (3) SPW 4100 (3)

SPN 4700 (3) SPW 4101 (3)

SPWXXXX (3) SPW 4131 (3)

Required courses in International Studies (9 credit hours)

CPO 2002 (3) INR 1015 (3)

CPO 4930 Comparative Government & Politics (3)

Required courses in Business (18 credit hours)

ACG 3074 (3) ECO 1000 (3)

MAN 3025 (3) MAR 3023 (3)

FIN 3403 (3) Capstone Course (3)

Supporting courses in Business for the major (6 credit hours)

Choose any 2 upper-level international business courses.

Required overseas study courses and/or area studies courses (6 credit hours)

Select 6 overseas study credit hours or 3 credit hours overseas study plus 3 credit hours area studies courses planned with the advisor.

• TRACK IN INTERNATIONAL STUDIES (LATIN AMERICA) WITH A LANGUAGE (SPANISH) AND BUSINESS CONCENTRATION**Required International Studies courses (15 credit hours)**

CPO 2002 (3) INR 1015 (3)

CPO 4930 (3) INR 3038 (3)

INR 2002 (3)

International Studies electives (3 credit hours)

Choose from the list below:

INR 3018 (3) POT 4109 (3)

INR 3202 (3)

Required courses in Spanish (12 credit hours)

SPN 3440 (3) SPN 3500 (3) SPN 3520 (3)

or SPN 4301 (3)

SPN 3341 (3)

Required courses in Business for the major (18 credit hours)

ACG 3074 (3) FIN 3403 (3)

ECO 1000 (3) MAR 3023 (3)

MAN 3025 (3) Capstone Course (3)

Supporting courses in Business for the major (6 credit hours)

Choose any two upper-level international business courses

Required overseas study courses & area studies courses (9 credit hours)

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

STUDENT ORGANIZATIONS IN THE COLLEGE OF ARTS AND SCIENCES**Alpha Epsilon Delta (AED) - National Premedical Honor Society**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Pi Gamma Mu - International Honor Society for the Social Sciences.

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

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

Pre-Dental Society - The Pre-Dental Society is open to all students with an interest in Dentistry. Through the Society students have an opportunity to not only get to know other Pre-Dental students, but to meet and hear presentations from dental school admissions' officers and practicing dentists. The Society also has organized an extensive mentor program through which students can arrange to observe dentists from each of the specialties as they work in their offices. For further information please go to www.cas.usf.edu/sac/studsoc.html.

Pre-Optometry Society - This new society will provide students an opportunity to learn more about the profession of optometry and to meet other students interested in the profes-

sion. Any interested student is invited to join. For further information please go to www.ctr.usf.edu.

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

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

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

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

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

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

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

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

ARTS AND SCIENCES FACULTY

Africana Studies

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

Aging Studies

Director: W. E. Haley; *Associate Director:* L. J. Polivka; *Assistant Director:* S. L. Reynolds; *Professors:* W. E. Haley, C. M.

McEvoy; *Associate Professors:* K. Hyer, L. J. Polivka, S. L. Reynolds, B. J. Small; *Assistant Professors:* R. Andel, T. Baker, J. McIlvane, J. Salmon; *Instructors:* M. Kaplan, R. Lamm. *Faculty Administrator:* G. E. Mitchell; *Courtesy and Adjunct Professors:* P. Bickford, L. Brown, H. Caywood, Jr., D. Chiriboga, L. Dupree, M. J. Etten, A. Gum, Y. Jang, M. Knox, V. Molinari, K. Nanni, H. Osman, G. Paveza, C. Robb, J. Rowe, L. Schonfeld, R. Simons, P. Stiles, L. Volicer; *Professor Emeriti:* T. Rich, S. V. Saxon; *Associate Professors Emeriti:* J. Garcia, W. P. Mangum.

Anthropology

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

Biology

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

Chemistry

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

Communication

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

Communication Sciences and Disorders

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

Community Experiential Learning

Coordinator: R. R. Jones.

Criminology

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

Economics

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

English

Acting Chairperson: A. G. Bryant; *Professors:* J. P. W. Rogers (DeBartolo Chair in the Liberal Arts), S. M. Deats, R. F. Dietrich, J. S. Hatcher, R. L. Hewitt, D. L. Kaufmann, W. E. Morris, J. M. Moxley, W. T. Ross, D. Schenck, P. J. Sipiora, E. E. Smith; *Associate Professors:* R. M. Baum, A. G. Bryant, R. L. Ciresi, M. C. Harmon, W. J. Heim, E. A. Hirsh, D. L. Jacobs, E. A. Metzger, L. L. Runge, N. J. Tyson; *Assistant Professors:* N. Discenza, M. Everton, J. Fleming, S. Mooney, S. Toland-Dix; *Visiting Assistant Professor:* N. Samaras; *Lecturer:* L. Lenker; *Instructors:* S. M. Diecidue, L. Head, B. Moss, P. Nickinson, E. E. Waldrone; *Professors Emeriti:* L. Broer, H. A. Deer, F. J. Fabry, S. R. Fiore, W. Garrett, J. J. Iorio, W. Scheuerle.

Environmental Science and Policy

Chairperson: R. Oches.

Geography

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

Geology

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

History

Chairperson: W. M. Murray; *Professors:* R. O. Arsenault, J. M. Belohlavek, P. Dosai, R. P. Ingalls, G. R. Mormino, W. M. Murray; *Associate Professors:* G. Alexopoulos, G. Benadusi, D. R. Carr, L. A. Jones, F. Ottanelli, K. Paul, W. Stavig; *Assistant Professors:* B. Berglund, W. Cummings, M. Decker, S. J. Fernandez, J. Kessenides, P. Levy, J. McKiernan-Gonzalez; *Lecturer:* G. A. Tunstall, Jr.; *Instructor:* J. Hall, P. Morgan.

Humanities and American Studies

Chairperson: S. L. Gaggi; *Professors:* P. J. Brewer, S. L. Gaggi, R. E. Snyder; *Professors Emeriti:* C. B. Cooper, G. S. Kashdin, D. Rutenburg; *Associate Professors:* R. A. Banes, D. Belgrad, J. D'Emilio, N. Yavneh; *Assistant Professors:* M. Cizmic, A. Novoa, P. Y. Lee, M. Ortiz.

Interdisciplinary Social Sciences

Coordinator: K. Ferguson.

International Studies

Professors: E. Conteh-Morgan, A. Hechiche, H. W. Nelsen, D. Slider; *Associate Professors:* M. M. Amen, R. Barylski, D. Peng; *Assistant Professor:* G. Ganna; *Joint Appointments: Professors:* R. Khator, M. Milani, F. U. Ohaegbulam, H. Vanden; *Associate Professors:* K. R. Glover.

Library and Information Science

Director: V. Gregory; *Professors:* V. Gregory, K. McCook, A. Perrault; *Associate Professors:* J. Corey; *Assistant Professors:* L. Alexander, J. Andrews, C. Dee, C. Dunkley, N. Kwon, S. Maatta-Smith, T. Terrell; *Professors Emeriti:* H. M. Smith; *Instructors:* S. Ariew, D. Austin, K. Cox, M. Pace, D. Smith, S. Wohlmuth.

Mass Communications

Director: E. J. Friedlander; *Professor:* E. J. Friedlander; *Associate Professors:* D. S. Bagley III, D. R. Holtzhausen, L. Z. Leslie, S. Liu, R. Miller, B. K. Petersen, H. Regis; *Assistant Professors:* T. Bajkiewicz, K. Golombisky, K. Killebrew, K. Page Werder, R. Wilber; *Instructors:* K. Arnold Ruyle, M. Curkan-Flanagan.

Mathematics

Chairperson: M. M. McWaters; *Associate Chairperson:* S. E. Rimbey; *Professors:* A. G. Kartsatos, M. N. Manougian, A. Mukherjee, E. Rakhmanov, K. M. Ramachandran, A. N. V. Rao, J. S. Ratti, B. Shekhtman, W. R. Stark, V. Totik, C. P. Tsokos, C. A. Williams, Y. You; *Associate Professors:* N. Jonoska, G. L. McColm, M. M. McWaters, K. L. Pothoven, M. Saito, S. Suen; *Assistant Professors:* T. Bieske, B. Curtin, X. Hou, W. Ma, L. Skrzypek, G. Yanev; *Instructors:* F. Burgos, A. Danielyan, M. Elhamdadi, A. Grinshpan, M. Krajcevski, S. Rimbey; *Professors Emeriti:* W. E. Clark, S. Isaak, J. J. Liang, F. J. Zerla.

Medical Technology

Administrator: K. Cole; *Courtesy Professors:* I. L. Browarsky (Tampa General Hospital), L. Davis (Bayfront Medical Center), R. Bertholf (Shands Jacksonville), L. Guarda (Florida Hospital), R. Ramos (St. Vincent's Medical Center); *Courtesy Lecturers:* L. Chakkaphak (St. Vincent's Medical Center), L. Ferguson (Tampa General Hospital), P. Rogers (Florida Hospital), J. Schurig (Bayfront Medical Center), J. Sigler (Shands Jacksonville).

Philosophy

Chairperson: R. Ariew; *Professors:* J. P. Anton (Distinguished Professor of Greek Philosophy & Culture), R. Ariew, Charles Guignon, O. Schutte, W. H. Truitt, R. C. Weatherford, K. Wiredu (Distinguished University Professor); *Distinguished Research Professor:* S. P. Turner; *Associate Professors:* M. R. Schonfeld, J. B. Waugh; *Assistant Professors:* B. Sadler, D. Weiskopf, E. Winsberg; *Courtesy Associate Professors:* M. Gibbons; *Courtesy Assistant Professor:* A. Chitwood; *Courtesy Professor:* S. Axinn; *Emeritus Faculty:* J. A. Bell, B. Silver, R. N. Taylor.

Physics

Chairperson: P. Mukherjee; *Professors:* R. S. F. Chang, W. Chen, S. R. Deans, N. Djeu, N. C. Halder, D. Johnson, D. K. Killinger, M. K. Kim, P. Mukherjee; *Associate Professors:* S. Hariharan, D. Rabson, S. Witanachchi; *Assistant Professor:* C. Lo, G. Matthews, M. Muschol, G. Nolas, I. Oleynik, L. Woods; *Instructor:* A. Buonaquisti; *Research Assistant Professor:* G. Woods; *Courtesy Professors:* L. Garcia-Rubio, M. Kallergi, K. Larsen, D. Morel; *Visiting Professor:* S. Sakmar; *Adjunct Professors:* D. Chopra, R. Oman.

Political Science

Professors: J. E. Benton, R. M. Khator, S. MacManus, M. M. Milani, F. U. Ohaegbulam, H. E. Vanden; *Associate Professors:* M. T. Gibbons, C. A. Hall, L. W. Morehouse, D. Peng, P. N. Rigos, S. Tauber; *Assistant Professors:* K. Caruson, S. Johnson; *Joint Appointments: Professors:* E. Conteh-Morgan, J. E. Jreisat, H. W. Nelsen, D. Slider; *Associate Professors:* R. Barylski, K. R. Glover.

Psychology

Chairperson: E. Donchin; *Distinguished Research Professors:* M. S. Goldman, D. L. Nelson; *Professors:* W. C. Borman, T. Brandon, M. T. Brannick, J. B. Bryant, M. D. Coover, D. Diamond, E. Donchin, M. A. Finkelstein, E. L. Gesten, P. Jacobsen, B. N. Kinder, E. L. Levine, C. E. Nelson, V. Phares, W. P. Sacco, T. Sanocki, S. Schneider, T. Shimizu, P. E. Spector, J. K. Thompson; *Research Professors:* B. Slotnick, J. Willott; *Professors Emeritus:* H. H. Meyer, L. Penner, C. D. Spielberger; *Associate Professors:* T. Allen, C. R. Cimino, J. B. Epps, C. L. Kirstein, D. Rohrer; *Assistant Professors:* M. Karver, J. Rottenberg, L. Sahakyan, K. Salomon, S. Stark, J. Vandellos; *Assistant Research Professor:* M. de Perczel-Goodwin; *Instructor:* J. Noll; *Courtesy, Adjunct, & Joint Appointments:* G. Arendash, R. Bahr, H. P. Bahrack, H. G. Belanger, D. Bernstein, P. C. Bickford, M. Booth-Jones, J. Brannick, B. Butler, T. Chisolm, H. B. Clark, M. E. Clark, D. Cohen, F. Del Boca, D. De Marie, D. Drobos, J. A. Eison, D. Evans, A. Friedman, T. R. Gordon, W. Haley, W. L. Hartman, T. Herzog, J. Hinckley, R. Hurley, K. Jenkins-Hall, M. D. Knox, M. Lynch, C. L. McEvoy, R. Murphy, R. Otto, C. R. Park, S. Partan, M. Pezzo, R. Plutchik, R. Reich, E. Renner, J. Robyak, A. I. Rosenblatt, D. J. Rundus, C. Ruva, P. Sanberg, L. Schonfeld, D. P. Schultz, D. V. Sheehan, D. Shytle, E. Silliman, B. Small, T. F. Stokes, G. Teague, C. Thors, R. Vanderploeg, I. B. Weiner, S. Weinstein, J. C. Woodson.

Public Administration

Director: J. E. Pynes; *Professors:* J. E. Jreisat, J. E. Pynes; *Associate Professors:* J. L. Daly, A. Njoh; *Assistant Professors:* S. M. Calabrese; *Joint Appointments: Professor:* J. E. Benton; *Associate Professor:* P. N. Rigos.

Rehabilitation and Mental Health Counseling

Chairperson: C. G. Dixon; *Distinguished Research Professor:* W. G. Emener; *Professors:* J. D. Rasch; *Associate Professors:* C. Dixon, S. Kelley, T. J. Wright; *Assistant Professors:* L. L. Charlès, M. Richard; *Clinical Instructor:* J. Ferrandino.

Religious Studies

Chairperson: D. Jorgensen; *Distinguished University Professor:* J. F. Strange; *Professors:* D. J. Fasching, S. Garcia; D. Jorgensen, S. Mandell, M. G. Mitchell, D. Schenck; *Assistant Professors:* K. O'Connor, W. Zhang; *Instructors:* D. deChant, P. Schneider; *Other Faculty:* M. Angrosino, J. S. Hatcher.

Social Work

Director: W. Rowe; *Associate Director:* M. Marley; *Director of Field Program:* C. K. Bennett; *Professors:* W. S. Hutchison, C. S. Roberts, A. A. Smith; *Associate Professors:* S. Fogel, G. J. Paveza, P. L. Smith, A. L. Strozier; *Assistant Professors:* S. Allen, F. Barrow, K. Black, J. Cabness, R. Ersing, M. Rank, L. Rapp-Paglicci, J. Roberts, K. Shafer; *Instructors:* C. Bennett, I. Carrion, D. Ducett, S. Speer, R. Tilden.

Sociology

Chairperson: M. Mayberry; *Professors:* S. Cahill, D. Loseke, M. Mayberry, D. Stamps; *Associate Professors:* J. Cavendish, S. Green, J. Friedman, L. Graham, M. Kleiman, C. Ponticelli; *Assistant Professor:* M. Kusenbach; *Instructor:* R. Gagan, D. Schwied; *Courtesy Faculty:* J. Cochran, S. Crowley, L. Detman, C. Ellis, M. Flaherty, D. Jorgensen, K. Lersch, J. Prince, T. Rodriguez, C. Sellers, M. D. Smith, N. Tunitya, S. Turner, W. Tyson, S. M. Yampolskaya; *Emeriti:* R. Francis, E. Nesman, R. Wheeler.

Women's Studies

Chairperson: K. Vaz; *Professor Emeriti:* L. L. McAlister, J. Snook; *Associate Professors:* C. DiPalma, C. J. Eichner, G. Grewal, M. Myerson, K. Vaz; *Visiting Professor:* S. Crawley.

World Language Education

Chairperson: V. E. Peppard; *Professors:* G. A. Brulotte, J. Caflisch, V. E. Peppard; *Associate Professors:* M. Camara, J. S. Campbell, C. J. Cano, M. Esformes, J. Flaitz, J. D. Noonan, C. M. Probes, W. Zhu; *Assistant Professors:* P. Breschia, A. Chitwood, I. Kantzios, M. Grieb, M. Sosa-Ramirez; *Visiting Assistant Professors:* R. Burns-Hoffman, A. Latowsky, P. LaTrecchia; *Instructors:* M. China-Thornberry, I. A. Nemchonok, R. Tucker, S. Wohlmuth; *Visiting Instructors:* R. Donchin, J. Lyon; *Emeriti:* R. Cole, D. Ierardo, E. J. Neugaard, R. A. Preto-Rodas, C. E. Scruggs, R. Stetzman; *Other Faculty:* J. Angell, A. Erben, C. Feyten, L. Lawson, W. Murray, R. Schreck, J. F. Strange.

COLLEGE OF BUSINESS ADMINISTRATION

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

The College of Business Administration offers courses of study leading to both undergraduate and graduate degrees. All degree programs in the College of Business Administration are fully accredited by AACSB International — The Association to Advance Collegiate Schools of Business.

The undergraduate curriculum that leads to a Bachelor of Arts or Bachelor of Science degree is composed of several segments: (1) broad general education in the arts, humanities and sciences; (2) the common body of knowledge for management responsibilities; and (3) specialized areas of concentration in Accounting, Economics, Finance, General Business, International Business, Management, Management Information Systems, and Marketing. Through flexibility in its requirements, the College is able to satisfy the different interests and career objectives of students with diverse backgrounds. Graduate programs in the College are described in the USF Graduate Catalog.

The College of Business Administration (COBA) is located near the corner of Maple Street and Alumni Drive on the south-central side of campus. To access information about the College online, use the following web address: www.coba.usf.edu.

Undergraduate Admission to the College

Admission to the College of Business Administration is based upon availability of faculty and space within each discipline. The College is an upper-level, limited access college, which means that it has admission requirements **in addition** to those of the University in general. Students interested in pursuing a degree in the areas offered by the College of Business must complete the required prerequisites for entering the college in addition to other related criteria listed in 1-4 below.

Requirements for Entering the College of Business

- Before declaring a major in the College, students must satisfy the following criteria:
 - Minimum of 60 semester hours of college credit earned.
 - Minimum of 2.5 cumulative grade point average on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal.
 - Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C or higher:
 - ACG X021 Financial Accounting (or ACG X001 & ACG X011)
 - ACG X071 Managerial Accounting (Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the College of Business Administration)
 - CGS X100 Computers in Business (or acceptable substitute)
 - ECO X013 Principles of Macroeconomics
 - ECO X023 Principles of Microeconomics
 - MAC X233 Elementary Calculus or MAC 2230
 - STA X023 Introductory Statistics or QMB X100
 - In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business (listed below) except GEB 4890, provided they have completed 60 semester hours and have met course prerequisites.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.
- Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

Transfer Students

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

Florida public junior/community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at the junior/community college. As a rule, AA students should avoid taking any business courses at the junior/community college that are listed as 3000 and 4000 level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration and economics courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration or economics. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of written examinations prepared and administered by the College of Business Administration or by successfully completing specified advanced courses in the discipline.

Florida public junior/community college students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the College of Business and prepare a program plan for degree completion. Students transferring to the College of Business with an A.S. in Business Administration may earn a major in General Business Administration only.

Florida public junior/community college students pursuing an Associate of Science (AS) program in any other discipline should contact the Director of the BSAS program in the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

BACCALAUREATE LEVEL DEGREE PROGRAMS

General Requirements for B.A./B.S. Degree in Business Administration

Students must satisfactorily complete a minimum of 120 semester hours. Of the minimum 120, at least 60 hours must be business courses, and a minimum of 54 hours must be non-business courses (i.e., all courses not normally offered in the College of Business Administration). Additional electives may be required to reach a minimum of 120 hours and can be either business or non-business.

As a part of the 120-hour requirements for the B.A. or B.S. degree, the following criteria also apply:

GPA: A minimum grade-point average of 2.0 must be achieved in the major and/or minor field, as well as in all College work and in all USF work, for students to be certified for graduation.

CLAST and Gordon Rule: Students must have satisfactorily completed CLAST and the writing and computation course requirements of 6A-10.30 ("Gordon Rule").

Foreign Language: For a Bachelor of Arts degree, students must demonstrate competency in a foreign language (refer to the Academic Policies and Procedures section of this catalog). The College of Business does not approve American Sign Language for the Foreign Language Exit Requirement.

Residency: College of Business Administration residency requirements for graduation exceed the minimum requirements established for USF. Students are required to complete

satisfactorily at USF a minimum of 50 percent (30-33 semester hours depending on major) of required business courses, including 12-18 semester hours in the major field. Normally, independent study and independent research courses do not fulfill this requirement.

International Course Requirement: All business students are required to select at least one course that deals with contemporary international topics. This course can be included in the business, non-business, or elective category. Consult with a business advisor for suggestions on acceptable courses.

No S/U courses in major or minor: All courses in the major or minor field and all foundation coursework in business must be taken on a graded basis; the S/U option is not available.

Degree Requirements

NON-BUSINESS (54 hrs. minimum) Semester Hours

- | | |
|---|-----------|
| 1. General Education Requirements* | |
| a. English Composition | 6 |
| b. Quantitative Methods (Calculus is required) | 6 |
| c. Natural Sciences | 6 |
| d. Social Sciences | 6 |
| e. Historical Perspectives | 6 |
| f. Fine Arts | 3 |
| g. African, Latin American, Middle Eastern, or Asian Perspectives | 3 |
| Total | 36 |
| 2. Liberal Arts Exit Requirements* | |
| a. Major Works and Major Issues | 6 |
| b. Literature and Writing | 3 |
| Total | 9 |
| *See Liberal Arts Requirements for more details | |
| 3. Speech/Writing Requirements for Business Majors | |
| a. SPC 2600 Public Speaking | 3 |
| or | |
| COM 3110 Communication for Business and the Professions | |
| b. ENC 3213 Professional Writing | 3 |
| or | |
| ENC 3310 Expository Writing or equivalent | |
| Total | 6 |
| 4. Additional elective credits | |
| Students may or may not need to take additional hours to meet the minimum of 54 non-business credits (see "Electives" heading below for a suggested course) | |
| Total non-business credit hours | 54 |

BUSINESS (60-69 hrs. minimum)

- | | |
|---|--------------|
| 1. Foundation Courses in Business | |
| Required - a minimum grade of C- in each foundation course with an overall 2.0 GPA | |
| ACG 2021 Principles of Financial Accounting | 3 |
| ACG 2071 Principles of Managerial Accounting | 3 |
| ECO 2013 Economic Principles: Macroeconomics | 3 |
| ECO 2023 Economic Principles: Microeconomics | 3 |
| QMB 2100 Business & Economic Statistics I | 3 |
| BUL 3320 Law and Business I | 3 |
| FIN 3403 Principles of Finance | 3 |
| ISM 3011 Information Systems in Organizations | 3 |
| QMB 3200 Business & Economic Statistics II | 3 |
| MAN 3025 Principles of Management | 3 |
| MAR 3023 Basic Marketing | 3 |
| GEB 4890 Strategic Mgmt/Decision Making | 3 |
| Total | 36 |
| 2. Major Requirements (specific courses for each major are listed in the "Departments and Programs" section below.) | 18-27 |
| 3. Business Electives (sufficient electives to meet 60 credit hour minimum in Business) | 0-6 |
| Minimum Business Credits | 60-66 |

ELECTIVES IN BUSINESS OR NON-BUSINESS

Sufficient elective courses to reach a minimum of 120 hours (ranges from 0-6 credit hours if above requirements are met)

Minimum total hours 120

USF Campuses and Teaching Sites

Due to limited enrollment and faculty, only the following majors are regularly offered at the regional campuses:

St. Petersburg: Accounting, Economics, Finance, General Business Administration, Management, Management Information Systems, and Marketing

Sarasota: Accounting and General Business Administration

Lakeland: General Business Administration

North Pinellas Teaching Site (at St. Petersburg College, Clearwater): offers the General Business Administration program.

Students may need to travel from one USF campus to another in order to finish their particular program within a shorter time period.

Student Advising and Records

The Office of Undergraduate Advising and Programs (located in Ferguson Hall, BSN 1406) provides the following:

1. Orientation for Bulls Business Network and transfer students.
2. Academic advising and program information for:
 - a. pre-business students with 30 or more hours who have applied to the COBA and declared business as their intended major.
 - b. students who meet all COBA admission requirements.
3. Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
4. Maintenance of academic advising records for the Tampa, Lakeland and Sarasota campuses for all declared and admitted business students.
5. Certification of graduation.

Advising Offices

Tampa Campus: Students who have fewer than 30 credit hours should contact the Center for Academic Advising, SVC 2011, (813) 974-2645. Potential majors with more than 30 credit hours should visit BSN 1406, (813) 974-4290 or schedule an advising appointment on-line: <http://www.coba.usf.edu/services/ugrad/index.html>.

St. Petersburg Campus: DAV 134, (727) 553-1511

Sarasota Campus: USS 805D, (941) 359-4331/4330

Lakeland Campus: LLC 2100, (863) 667-7063

Office Hours

Tampa Campus: 8am-6pm Monday-Thursday.
8am-4pm on Fridays.

St. Pete Campus: 8am-6pm Monday-Thursday.
8am-5pm on Fridays.

Sarasota Campus: 8am-6pm Monday-Thursday.
8am-5pm on Fridays.

Lakeland Campus: 9am-6pm Monday-Thursday.
8am-5pm on Fridays.

While the University provides advising services to assist students with academic planning, **the responsibility for ensuring that all graduation requirements are met ultimately rests solely with the student.**

Academic Dismissal

Students who have been dismissed twice from the University for academic reasons will not be readmitted to the College of Business Administration.

DEPARTMENTS AND PROGRAMS

• GENERAL BUSINESS (GBA)

The General Business major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hours program as listed in the General Requirement section, students must complete two minors from the following business disciplines: accounting, economics, finance, management, management information systems, or marketing. A minimum of 24 hours of upper-level course work must be earned with a GPA of at least 2.0 in each minor. The requirements for each minor are listed with the description of the major.* Minors applied to the General Business major will be referred to as concentrations. Concentrations used as part of the General Business Major will not also be subsequently listed as independent minors on the transcript.

***One exception:** A minor/concentration in economics must consist of four upper level economics courses, excluding QMB 3200.

Requirements for a Minor in Business Administration (Non-Business Majors Only): Students are required to process an application for the minor in the College of Business. Students must complete an introductory computer course (with a content similar to CGS 2100 Computers in Business) or obtain a waiver for this requirement from the College of Business Administration by demonstrating competence in the use of computers.

1. The course requirements are as follows:

ACG 3074	Managerial Accounting for Non-Business Majors*	3
ECO 1000	Basic Economics**	3
FIN 3403	Principles of Finance	3
MAN 3025	Principles of Management	3
MAN 4XXX	Managerial Applications (see advisor)	3
MKT 3023	Basic Marketing	3
Total		18

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.

3. At least 12 hours of the required 18 credit hours must be taken in residence at USF.

*ACG 2021 & ACG 2071 can be substituted for ACG 3074.

**ECO 2013 & ECO 2023 can be substituted for ECO 1000.

• ACCOUNTING (ACC)

The objective of the baccalaureate degree program in accountancy is to provide students with accounting and business knowledge that will serve as a basis for careers in industry, government, non-profit organizations and public accountancy.

The baccalaureate program also prepares students for entry into the Master of Accountancy (M.Acc.) professional degree program.

The State of Florida, like most states, requires a fifth year of education in order to sit for the CPA examination. Questions concerning the CPA examination should be directed to the faculty of the School of Accountancy.

Requirements for the B.A./B.S. Degree: In addition to the non-business and business foundation courses listed in the General Requirements section, students must complete a mini-

um of 27 hours of upper-level accounting courses, of which 18 credit hours must be taken in residence at USF.

Required Accounting Courses:

ACG 3103	Intermediate Financial Accounting I	3
ACG 3113	Intermediate Financial Accounting II	3
ACG 3341	Cost Accounting and Control I	3
ACG 3401	Accounting Information Systems	3
ACG 4632	Auditing I	3
TAX 4001	Concepts of Federal Income Taxation	3

Electives (9 hours selected from):

ACG 4123	Intermediate Financial Accounting III	3
ACG 4351	Cost Accounting and Control II	3
ACG 4642	Auditing II	3
ACG 4931	Selected Topics	3
ACG 5201	Advanced Financial Accounting	3
ACG 5501	Governmental/Not-for-Profit Accounting	3
ACG 5675	Internal and Operational Auditing	3
TAX 5015	Federal Taxation of Business Entities	3

Total 27

The student's program must also include course work taken in behavioral sciences and humanities, such as psychology, anthropology, and sociology, and the political environment of business and society, such as political science, public administration, and ethics. College of Business Administration advisors will recommend courses that will satisfy the program requirements.

Accounting majors can use the forgiveness policy only once in upper-level accounting courses. Accounting courses taken by accounting majors on an S/U basis will not be counted toward the 120-hour graduation requirement. Independent Research, ACG 4911, will not be accepted as credit toward the minimum degree requirements in the accounting concentration.

Accounting majors must earn a "C" (not C-) grade in each of the sequential upper-level accounting courses before being allowed to go on to the next course: i.e., ACG 3103, ACG 3113, ACG 3341, ACG 4632, and TAX 4001.

Requirements for a Minor in Accounting (for Business Majors Only): Students majoring in Business Administration may minor in Accounting. The requirements are:

1. ACG 3103 Intermediate Financial Accounting I 3
ACG 3341 Cost Accounting and Control I 3
ACG 3401 Accounting Information Systems 3
TAX 4001 Concepts of Federal Income Taxation 3
2. A grade of "C" (not C-) or better must be earned in each of the four upper-level accounting courses taken. All attempts will be included unless grade forgiveness has been used. Only one grade forgiveness may be used in the minor.
3. All 12 credit hours must be taken in residence at USF.

• ECONOMICS (ECN)

Economics offers a clear and logical approach to business decision-making. The department offers broad course choices allowing students to tailor their programs to provide training for careers in business as well as teaching, government, and law. Students interested in majoring or minoring in economics should contact the Undergraduate Advisor in the Economics Department for more information.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program as listed in the General Requirements section, students must complete a minimum of 21 hours of upper-level economics beyond the foundation courses for business.

Required Economics Courses:

ECO 3101	Intermediate Price Theory or	
ECO 3100	Managerial Economics	3
ECO 3203	Intermediate Macroeconomics	3
15 hours of upper-level economics courses		15
Total		21

Students must obtain a grade of "C" or higher in ECO 3101 Intermediate Price Theory or ECO 3100 Managerial Economics to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite. Students cannot take both ECO 3101 and ECO 3100 for credit. No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914. At least 12 hours must be taken in residence at USF.

Requirements for a Minor in Economics: All students, regardless of college can earn a minor in Economics by satisfactorily completing 18 hours in Economics. The requirements are:

1. ECO 2013 Economic Principles: Macroeconomics 3
ECO 2023 Economic Principles: Microeconomics 3
Upper-level economics electives
(may include QMB 3200) 12
Total Economics Hours 18
Business majors can obtain a minor with 9 additional upper-level hours in economics beyond the foundation requirements for business.
2. Before being recognized as a minor in economics, a student must obtain program approval by the Economics Department Undergraduate Advisor.
3. A grade point average of 2.0 or higher must be achieved in minor course work at USF and in all minor courses completed at other institutions. ECO 4905 and ECO 4914 may not be counted toward the minor.
4. At least 9 hours must be taken in residence at USF.

The Economics Pre-Law Curriculum

Economic principles provide the foundation for much of our legal system. Economics offers a series of courses to provide the abstract and applied skills required by those seeking legal careers.

Beyond ECO 2013 Economic Principles: Macroeconomics and ECO 2023 Economic Principles: Microeconomics, students should elect ECP 4451 Law and Economics. ECP 3413 Economics of Regulation and Antitrust and ECP 4505 Economics of Crime, are strongly recommended. Additional courses of interest are ECO 4504 Public Finance, ECP 3530 Economics of Health, ECP 3302 Environmental Economics, ECP 3203 Labor Economics, and ECP 3201 Economics of Women and Work.

The Economics Pre-Law Curriculum fits easily within the Economics major or minor but is open to other students. The Economics Department Undergraduate Advisor has helpful advice for students taking the Law School Admissions Test (LSAT) or applying for admission to law schools.

Five-year Bachelor/Master Degree Program

This program allows superior students with strong analytical skills and the ability to handle a fast-paced, challenging program the opportunity to complete both the Bachelor and Master degrees in economics in five years.

The program requires the student to take two graduate level courses required for the MA degree during the last year in the Bachelor's program. These 6 hours are counted as general electives (not major electives) in the undergraduate program and are also used to satisfy the requirements for the MA in economics. After completing the 120-hour Bachelor program five-year students take 24 hours at the graduate level.

To be eligible for the program, a student must have completed at least 6 hours of 3000 level or above economics courses at USF (not including statistics), have an overall grade point average of 3.0 or above, and have a minimum of 3.25 cumulative grade point average in all economics courses (including statistics).

To apply for admission, send a letter to the Graduate Program Director in the Department of Economics stating your qualifications and desire to enter the program. To plan your program, or for additional information, see the Undergraduate Advisor in Economics.

• FINANCE (FIN)

The Finance major provides a broad-based, analytical program for students anticipating a career in the management of both large and small organizations. Finance provides a good background for students seeking general careers in business. Finance majors can elect to follow tracks that prepare them for entry and advanced careers in

- financial management of corporations
- management of financial institutions
- investments
- financial services, insurance, and real estate.

In addition, the program in Finance is designed to provide the skills required by students earning degrees in other business disciplines and by students who seek professional degrees in areas such as law and public administration.

The Finance program offers applied and theoretical courses that enable the graduate to identify and solve problems in the acquisition and allocation of funds by organizations in the public and private sectors in domestic and international settings. It provides the background necessary for managing wealth in a risky environment. Finance relies on an interdisciplinary approach that draws on economic theory, accounting, information systems, and the quantitative decision frameworks of statistics and mathematics.

The major is designed to ensure that graduates are familiar with the tools of financial decision-making and that they possess the skills to stay abreast of the developments in the field. Finance graduates will understand the functions and operations of financial markets, become familiar with computer applications in finance, and know how to access and utilize financial information. Course content is designed to provide majors with an appreciation of cooperative work skills and to enhance their verbal and written communication skills.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours of upper-level finance courses beyond FIN 3403. At least 12 hours must be taken in residence at USF.

Required Finance Courses:

FIN 4303	Financial Institutions and Markets	3
FIN 4414	Advanced Corporation Finance	3
FIN 4504	Principles of Investments	3
Additional upper-level Finance electives		9-15
Total		18-24

Finance electives can be selected from among those 3000 and 4000 level classes that have FIN, REE, and RMI prefixes. At least two electives must have a FIN prefix. Independent Study (FIN 4905) and Independent Research (FIN 4915) will not be accepted as credit toward the minimum degree requirements for a major in Finance. The courses listed below are suggested electives that are relevant for students who might want to pursue careers in the following areas:

Corporate Financial Management

- FIN 3604 International Finance
- FIN 4412 Working Capital Management
- FIN 4443 Financial Policies and Strategies
- FIN 4461 Financial Statements Analysis

Management of Financial Institutions

- FIN 3233 Money and Banking
- FIN 3604 International Finance
- FIN 4324 Bank Management
- FIN 4412 Working Capital Management
- FIN 4443 Financial Policies and Strategies
- FIN 4461 Financial Statement Analysis

Investments

- FIN 3604 International Finance
- FIN 4461 Financial Statement Analysis
- FIN 4514 Advanced Investment Analysis & Management
- REE 4303 Real Estate Investment Analysis

Financial Services

- FIN 3604 International Finance

FIN 4514	Advanced Investment Analysis & Management
REE 3043	Real Estate Decision-Making
REE 4303	Real Estate Investment Analysis
RMI 3011	Principles of Insurance

Requirements for a Minor in Finance (for Business Majors only): Students majoring in Business Administration can minor in Finance. The requirements are

1. FIN 4504 Principles of Investments 3
FIN 4303 Financial Institutions and Markets 3
FIN 4414 Advanced Corporation Finance 3
Another upper-level Finance Elective with an FIN, REE, or RMI prefix 3
Total Finance Hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 of the required 12 credit hours must be taken in residence at USF.

• INFORMATION SYSTEMS AND DECISION SCIENCES (ISM)

The Management Information Systems (MIS) major provides the skills and knowledge necessary for information systems development and support positions in both business and non-business organizations.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a set of 6 required MIS courses and 2 approved MIS electives. MIS majors must earn a "C" or higher (not C-) in the six required MIS courses and must have a 2.0 or higher GPA in the major; they can use grade forgiveness for only one upper-level MIS course. At least 15 hours must be taken in residence at USF.

Required MIS Courses:	
ISM 3232	Business Application Development* 3
ISM 3113	Systems Analysis and Design* 3
ISM 4212	Database Administration 3
ISM 4220	Business Data Communications 3
ISM 4300	Managing Information Resources 3
One of the following:	
ISM 4234	Object Oriented Design and Development (C++) 3
ISM 4141	Web Application Development (Java) 3

Plus Approved MIS Electives**	6
Total Hours Required for B.A./B.S. Degree	24

*ISM 3232 (Business Application Development) must be taken before, or concurrently with, ISM 3113 (Systems Analysis and Design), which is a prerequisite for all other required MIS courses.

**No more than three hours of ISM 4950 can be counted as MIS Electives. (ISM 4905 will not count as an MIS elective.)

Requirements for a Minor in MIS (for Business majors only): Students majoring in Business Administration may minor in MIS. The requirements are

1. ISM 3232 Business Application Development 3
ISM 3113 Systems Analysis and Design (PR/CR ISM 3232) 3
ISM 4212 Database Administration 3
Approved MIS Elective 3
Total MIS hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

• MANAGEMENT (MAN)

The undergraduate degree in the Department of Management prepares students for entry level positions in human resource management, general and small business manage-

ment. It also prepares students for entry into graduate programs, such as the Master of Science in Management and the Master of Business Administration.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete 18 hours of management beyond MAN 3025. At least 12 hours must be taken in residence at USF.

Required Management Courses:	
MAN 3240	Organizational Behavior Analysis 3
Additional upper-level management courses 15-21	
Total	18-24

Requirements for a Minor in Management (for Business Majors Only): Students majoring in Business Administration may minor in Management.

The requirements are:

1. MAN 3240 Organizational Analysis 3
MAN 3301 Human Resource Management 3
MAN 4282 Organizational Assessment 3
MAN 4600 International Management 3
Total Management hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

• MARKETING (MKT)

Marketing is a dynamic field with many dimensions, including product selection and planning, product distribution, pricing and promotion. Marketing poses many challenges and yields generous rewards for those who meet these challenges. Marketing operations are carried out domestically and internationally in virtually all business organizations that offer a product or service. Many marketing concepts are applicable to the operations of non-profit organizations such as governmental, educational, and health care institutions, as well as charitable and political campaigns.

Marketing operations provide the most visible links between the firm or institution and its many publics. Marketing deals with people who are constantly changing in their needs, wants, and desires; and coupled with these changing tastes is a fiercely competitive environment sustained by all the resources of a rapidly evolving technology. These forces lead to much of the challenge and to much of the dynamic nature of marketing.

The Marketing program at USF prepares students for initial entry and management positions in many areas of marketing with a curriculum that is concerned with:

1. Understanding how to attract and retain customers;
2. Having the ability to find and analyze information;
3. Being able to design, collect, and analyze marketing information to be used in managerial decision making;
4. Using electronic and traditional media to create satisfied loyal customers;
5. Having personal communication skills that businesses demand;
6. Being capable of writing a winning marketing plan;
7. Understanding and being able to apply the latest marketing concepts, including marketing automation.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours in marketing beyond MAR 3023. At least 12 hours must be taken in residence at USF.

Required Marketing Courses:	
MAR 3823	Marketing Management 3
MAR 3613	Marketing Research 3
MAR 3400	Professional Selling 3
MAR 4333	Electronic/Promotion Management 3
MAR 4824	Marketing Management Problems 3

Additional upper-level marketing courses 3-9
Total 18-24

It is strongly recommended that marketing majors take an internship course as part of their plan of study. It is also recommended that courses in information technology, finance, management, and international business be included in the business electives.

Undergraduate students in the College of Business not majoring in Marketing can greatly enhance their attractiveness to employers by taking a minor in Marketing or taking selected courses from the Marketing curriculum to broaden their backgrounds. Marketing is particularly complementary for College of Business students majoring in Information Systems, Finance, and Management. For non-business majors, Marketing is very complementary with degrees such as communications, liberal arts, and engineering.

Requirements for a Minor in Marketing (for Business Majors Only): The requirements are:

1. MAR 3823 Marketing Management 3
Any 3 upper level Marketing courses with a
MAR prefix (excluding MAR 4824) 9
Total Marketing Hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

• **INTERNATIONAL BUSINESS (ITB)**

The Bachelor of Arts in International Business (IB) provides students with the knowledge, skills and experience necessary for successful careers in the global business environment.

Graduates will have not only the International Business major, but also a minor in one of the functional areas of business (finance, management, marketing, economics and information systems). With this preparation, graduates will find employment in many manufacturing, service or knowledge-based industries with international markets, international suppliers, international sources of finance or an internationally diverse work force.

The IB program is unique in that it combines preparation in business administration with language training, area studies, and a meaningful overseas work or study experience. The curriculum includes, in addition to the general education and liberal arts requirements, a strong grounding in business core courses, and 18-hour major in international business and area studies subjects, a minor in a functional area of business, training in a foreign language and overseas academic or business experience. International students who have completed at least the equivalent of a high school education in their native country, are advised to pursue another business major. At a minimum, international students who have completed at least the equivalent of a high school education in their native country, may not study the area of their origin as part of the International Business major. International students who have completed at least the equivalent of a high school education in their native country, are advised to pursue another business major. At a minimum, international students who have completed at least the equivalent of a high school education in their native country, may not study the area of their origin as part of the International Business major. A minimum of 120 hours is required to complete a B.A. in International Business.

International Business Major (18)

Business Courses (9)

Students should see a COBA advisor for an approved list of upper level international business courses.

Area Studies Courses (9)

Students should see a COBA advisor for an approved list of upper level area studies courses.

Business Minor/Concentration (12)

Students will choose a minor from the following disciplines:

Economics	Finance
Marketing	Management
Information Systems	

Within each concentration one course must be an international business course. The international business course is in addition to the three international business courses as required in the above International Business Major area.

Foreign Language Above First Year (9)

Language(s) selected should support the area and the Area Studies courses.

Overseas Business Internship (3) or Semester Abroad

The International Business Major is designed to be completed within 120 credit hours. Certain courses satisfy requirements in more than one area. To maximize academic options, students should seek guidance from a COBA advisor/or the Center for International Business, BSN 3109, once a decision has been made to pursue this major.

Minor in International Business

Students Majoring in Business Administration

To qualify for the minor in International Business, students with a major in one of the degree programs in Business Administration must successfully complete a minimum of 12 hours of international business or related course work. At least 9 semester credit hours in the minor must be selected from a set of approved upper-level international business courses (see below). One of the courses in the minor, relevant to the student's international area of interest, can be an approved area studies course, or other course, taken outside the College. A minimum of 9 semester hours of the minor course work must be taken at USF. A grade point average of 2.0 or higher must be achieved in minor course work taken at USF, as well as in any transfer work applicable to the minor. Competency to effectively communicate in a foreign language is strongly advised.

Non-Business Administration Majors

To qualify for the International Business minor, non-business majors must complete the requirements for the minor in Business Administration (see previous Requirements for a Minor in Business Administration) and complete at USF a minimum of 9 semester credit hours selected from a set of approved upper-level international business courses (see below). A grade point average of 2.0 or better must be achieved in the minor course work taken at USF, as well as in any transfer work applicable to the minor program. Competency to communicate in a foreign language is strongly advised.

A statement attesting to the completion of the Minor in International Business will appear on the student's official transcript.

Courses Approved for International Business

The following courses are currently approved for the International Business major and minor:

ECO 3703	International Economics
ECO 4713	International Macroeconomics
ECO 4723	International Trade and Policy
ECO 4XXX	Economics of Latin America
ECS 3013	Economic Development
ECS 4003	Comparative Economic Systems
FIN 3604	International Finance
ISM 4382	Global Information Systems
MAN 4600	International Management
MAR 4156	International Marketing

Other courses will be added as they are developed and approved. In addition, the College frequently offers *Selected Topics* courses that qualify for International Business. Students should consult with an advisor for additional approved courses.

Student Organizations within the College of Business

All students are encouraged to participate in extracurricular activities. The following organizations provide a means for students to develop both professionally and socially while attending the College of Business Administration.

Alpha Kappa Psi - Provides a forum for leadership development in preparation for careers in all areas of business, Alpha Kappa Psi is a progressive, coed, professional business fraternity.

Association of Marketing Students - As a collegiate chapter of the American Marketing Association, this organization will help to further the growth of business oriented individuals within the field of marketing.

Beta Alpha Psi - The national professional accounting fraternity devoted to the promotion of the profession, inspiring professional ideals, and recognizing academic achievement.

Beta Gamma Sigma - An honor society that encourages and rewards outstanding scholarship among business students.

Business College Council - Student representatives advise the dean and the faculty on student attitudes and goals. Also, the Council acts as a liaison between the Student Government Association and the College of Business Administration.

Collegiate Economics Organization - To promote and develop the applications of economic concepts within the student body and provide a social basis for interaction.

Delta Sigma Pi - Fosters the study of business and a close association between students and the business world.

International Business Board - Promotes interest in international business, provides professional and cultural programs, and encourages dialogue regarding opportunities for study and work abroad.

Management Information Systems Society - The MIS Society is a career oriented organization focusing on all areas of business data management and information systems development.

Minority Business Association - Encourages and supports students in their efforts to achieve success in a demanding academic setting.

National Association of Black Accountants - Develops, encourages, and serves as a resource for greater participation by African-Americans and other minorities in the accounting and finance professions.

Omicron Delta Epsilon - The international economics society promoting outstanding achievements in economics and the establishment of closer ties between students and faculty.

Student Accounting and Business Organization - Promotes professionalism in accounting and other business disciplines. (St. Petersburg Campus)

Student Finance Association - An organization for finance majors and other business-oriented students that provides exposure to the many facets and opportunities in the field of finance.

BUSINESS ADMINISTRATION FACULTY

Accounting/Law

Director (Interim), School of Accountancy: R. M. Keith; *Professors:* T. J. Engle, J. A. Fellows, R. M. Keith, G. H. Lander, J. R. Martin, U. S. Murthy, W. L. Stephens; *Professors Emeritus:* L. C. Jurgensen; K. W. Merriam, J. L. Smith, R. J. West; *Quinn Eminent Scholar:* U.S. Murthy; *Associate Professors:* S.M. Bryant, G. A. H. Laursen, W. H. Parrott, J. L. Reck; J.D. Siebel, R. F. Welker; *Assistant Professors:* S. M. Albring, M. Caban-Garcia, J. B. Kahle, J. Lassefer, B. A. Schafer; *Instructors:* R. B. Cockrum, S. J. Cox, S. P. Danese, J. F. Jewell, C. L. Jozsi, T. A. Price, W. C. Quilliam; *Lecturer:* R. J. Teichman.

Economics

Chairperson: K. Gyimah-Brempong; *Professors:* D. M. Bellante, J. S. DeSalvo, K. Gyimah-Brempong, M. G. Herander, J. S. Hodgson, P. K. Porter, J. W. Rowe, Jr.; *Professors Emeriti:* G. Brunhild, W. J. Herman; *Associate Professors:* E. J. Ford, C. A. Green, B. Kamp, M. B. Loewy, G. A. Picone, C. R. Thomas; *Assistant Professor:* J. DeSimone; *Lecturer:* S. Bartlett.

Finance

Chairperson: S. Besley; *Lykes Eminent Scholar:* J. L. Pappas; *Professors Emeritus:* A. Beenhakker, R. G. Cox, S. Kapplin, F. Power; *Professors:* S. E. Bolten, R. L. Meyer, J. L. Pappas, K. F. Wieand; *Associate Professors:* S. Besley, S. Bulmash, B. Francis, C. Pantzalis, J. Qi, R., N. Sutton; *Assistant Professors:* A. Butler, A. Ho, D. Hunter, B. Lin, A. Tandon; *Instructors:* M. Antia.

Information Systems & Decision Sciences

Chairperson: S. J. Birkin; *Salomon Brothers/Hidden River Corporate Park Chair of Distributed Technology:* A. R. Hevner; *Professors:* S. J. Birkin, J. E. Blanton, A. R. Hevner; *Associate Professors:* D. J. Berndt, A. Bhattacharjee, K. Chari, M. E. Cohen, R. W. Collins, T. G. Gill, T. L. Sincich, R. P. Will; *Assistant Professors:* M. Agrawal; R. M. Fuller, N. Hikmet, J. Jones, C. Knight, C. Riggie, A. Watkins; *Instructors:* M. Dummeldinger, R. Satterfield, B. Warner, W. W. Whitlock.

Management

Chairperson: A. Balfour; *Professor Emeritus:* R. E. Dutton; *Professors:* C.F. Cohen, J. M. Jermier, M. Karlins, J. Koehler, W. R. Nord, K. R. Van Voorhis, T. L. Wheelen; *Associate Professors:* A. Balfour, S. Fuller, C. E. Michaels, Jr., R. L. Nixon; *Assistant Professor:* M. L. Barnett; *Instructors:* M. G. Bowen, S. Hanna-West, E. Hargis, M. Rouse.

Marketing

Chairperson: M. B. Stamps; *Professors:* R. L. Anderson, S. A. Baumgarten, D. J. Ortinau, P. J. Solomon, J. R. Stock; *Associate Professors:* J. S. Hensel, M. B. Stamps; *Assistant Professor:* A. B. Artis, G. F. Grebhardf, E. Harris, J. S. Keebler, B. Lafferty; *Instructors:* N.M. Noel, V. B. Panzer, J. M. Solomon; *Visiting Instructor:* C. Osborne.

COLLEGE OF EDUCATION

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

The College of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE). All Teacher education programs must meet the requirements of Chapter 6A-5, Rules of the State Board of Education of Florida, and have "Approved Program" status.

The Mission of the College is to "improve the preparation of teachers, other professional educators, and professional support personnel and to discover improved teaching, learning, and leadership techniques through research and practice." The College emphasizes student learning outcomes relevant for the 21st century world. Program goals focus on graduating highly competent teachers who reflect on their own professional practice, who have a deep interest in intellectual inquiry and who continue their professional development.

The College of Education is committed to a continuous and systematic examination of the professional program of teacher education. Each subdivision of the college maintains professional standards by participating in nationally-certified program reviews and also through ongoing departmental appraisals of learning outcomes.

The University follows a University-wide approach to teacher education. Its programs for the preparation of teachers represent a cooperative effort in planning and practice by faculties in appropriate academic areas. Liberal Arts courses and courses in the content areas are offered through the College of Arts and Sciences. Courses primarily designed for teacher candidates are taught by the College of Education faculty.

For information concerning required courses in each major, students should consult the following "Departments and Programs" section accessible from the Undergraduate Studies site: <http://www.ugs.usf.edu/catalogs.htm>. Other important information is available from the College of Education website at <http://www.coedu.usf.edu/>. For information concerning policies for Undergraduate, Master's Plan II and MAT Programs refer to the College of Education website at <http://www.coedu.usf.edu/>.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Admission Requirements for Students Entering Teacher Education Programs

Students who wish to teach in a particular subject area or field should begin preliminary coursework during their first year in college. However, students are not admitted to the College of Education (and into a teacher education program) until they finish the university's liberal arts freshman and sophomore requirements and the state-mandated common prerequisites for education.

Students may apply for entrance into one of the upper-level teacher education programs offered by the College of Education after completing prerequisite courses. All students who plan to teach apply for admission to a teacher education program through the Student Academic Services Office of the College of Education.

Admission to an upper-level teacher education program is contingent upon meeting the following preliminary college requirements:

1. Completion of a College of Education application form.
2. Completion of the University's General Education requirements. (See "Liberal Arts Requirements" section of the catalog.) **Note:** Students should contact an academic advisor in EDU 106 to make certain they are enrolled in courses appropriate to their intended major.
3. Completion of all portions of the CLAST, PRAXIS I, or General Knowledge Test with passing scores. No exemptions or waivers accepted.
4. Although no longer required for admission to the College of Education, students are still encouraged to take the ACT or

SAT. Many existing scholarships still require these scores.

5. Completion of State Mandated Common Prerequisites

Note: The following prerequisites are required for all education majors. Students should consult their intended majors (listed under "Departments and Programs," below) for a list of other specific course prerequisites and requirements beyond these listed below:

- EDF X005 Introduction to Education 3
- EDG 2701 Teaching Diverse Populations 3
- EME 2040 Introduction to Educational Technology 3
- Nine (9) semester hours in English to include writing, literature, and speech
- Nine (9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory
- Nine (9) semester hours in mathematics to include college algebra or above and geometry
- Twelve (12) semester hours in social sciences to include American history and general psychology
- Six (6) semester hours of courses with an international and/or diversity focus (in addition to EDG 2701). If these courses are taken elsewhere, the institution transferring credit to USF must certify that the course content satisfies the international/diversity focus requirement. Refer to the list below for courses that satisfy both the *General Education* and the *international and/or diversity course requirements*. (Consult an education advisor in EDU 106 for approved, upper-level courses in Africana Studies, Geography, International Studies, Political Science, and Business Administration that meet the requirement but are not included below.)
- Three (3) semester hours in Philosophy
- Three (3) semester hours in Fine Arts

International/Diversity Courses Credits

AFA 2000	Introduction to the Black Experience in Africa and Its Diaspora	3
AFS 2250	Culture and Society in Africa	3
AMH 2010	American History I	3
AMH 2020	American History II	3
AMS 2030	Introduction to American Studies	3
ANT 2000	Introduction to Anthropology	3
ANT 2410	Cultural Anthropology	3
ARH 2050	History of Visual Arts I	3
ARH 2051	History of Visual Arts II	3
BSC 2025	Food: Personal and Global Perspectives	3
COM 2000	Introduction to Communication	3
EGN 2031	History of Technology	3
EUH 2011	Ancient History I	3
EUH 2021	Medieval History I	3
EUH 2022	Medieval History II	3
EUH 2030	Modern European History I	3
EUH 2031	Modern European History II	3
FIL 2001	Film: Language of Vision	4
GEO 1930	Geography of Current Events	4
GEO 2371	Introduction to Earth Systems Science	3
INR 1015	World Perspective	3
LAH 2734	Latin American History in Film	3
LIT 2010	Introduction to Fiction	3
LIT 2040	Introduction to Drama	3
MUL 2011	The Enjoyment of Music	3
MUH 2051	Folk and Traditional Music of World Cultures	3
MUH 2632	Music in the United States	3
MUL 2111	Introduction to Music Literature	3
POS 2080	The American Political Tradition	3
REL 2300	Introduction to World Religions	4
REL 2306	Contemporary World Religions	4
REL 3501	History of Christianity	4
SPT 2524	Women Writers of Latin America	3
SYG 2000	Introduction to Sociology	3

6. Minimum GPA: An overall minimum GPA of 2.50 on all attempted hours.

7. Additional criteria as may be established by each program. Credit requirements in each major include courses in the following categories: Professional Education Core, Teaching Specialization Preparation, and Liberal Arts Exit Requirements. For questions concerning General Education and Liberal Arts Exit Requirements, refer to the Liberal Arts Requirements section of the catalog. See specific requirements for each major listed in "Departments and Programs" below.

Some programs accept a limited number of students. Additionally, certain programs admit students only in a specified semester. Students should refer to the specific program descriptions in this catalog for additional admission information and prerequisites. Information regarding admission requirements for programs may also be obtained from the Student Academic Services, College of Education (EDU 106).

Education Advising

Student Academic Services (SAS) is responsible for many of the processes and procedures that support the academic pursuits of students in the College. The department's major areas of responsibility include: Undergraduate Advising, Graduate Studies, Teacher Certification, and Internship. SAS is committed to serving the University community, particularly students in the College of Education.

Students are ultimately responsible for knowing and fulfilling all university, college, and degree program requirements for graduation. Students are encouraged to make an appointment with an academic advisor in EDU 106 each semester. For additional contact information, please call the SAS office or visit the web site at <http://www.coedu.usf.edu/sas/>.

Advising Offices

Tampa Campus: EDU 106, (813) 974-1804

Sarasota Campus: USS 805D, (941) 359-4331 or 4330.

Lakeland Campus: LLC 2100, (800) USF-5636 (in state only), or (863) 667-7023

USF - St. Petersburg: DAV 134, (727) 553-1511

Office Hours: 9 a.m. – 5 p.m. Monday through Friday. The Tampa office is closed on Wednesdays until 10:00 a.m. Generally offices are open 9:00 a.m. - 5:00 p.m. Monday through Friday. Some offices are open before 9 a.m. or until 6, Mondays through Thursdays; call the offices listed above for exact hours and appointment times.

Application Information:

(Admitted USF students are eligible.) For general information, call (813) 974-1804. The admission process to the College of Education (COE) is separate and in addition to admission to USF. The deadlines to submit an application are as follows: Fall Semester (July 15th), Spring Semester (November 15th), and Summer Semester (April 15th). Not all majors accept applications for summer entrance. Contact SAS in EDU 106 for those majors that accept summer applicants. Tampa Campus students must register and attend a College of Education orientation after being accepted into the College of Education.

During the College Orientation, students receive information about their degree program, and register for courses for their first semester. Regional campus students should call their appropriate campus for orientation and advising appointments.

Time Limitations

The College of Education may accept professional education and specialization coursework completed at this University or at other accredited institutions as follows:

1. Courses completed within the last five years may be accepted.
2. Courses completed over five years but less than ten years ago must have the approval of the chairperson from the department in which the equivalent course is taught.
3. Courses completed ten years ago or longer will count as elective credit only.

Qualifications for Internship Experience in Teacher Education Programs

The final internship experience involves observing and teaching in an early childhood, elementary, secondary, or exceptional classroom. In most programs internship sites include the entire spectrum of sites available in the various counties served by USF. Other than Senior Seminar and EEX 4070, students may not enroll in additional courses during the semester in which the final internship occurs unless an exemption is granted through a College of Education petition.

Special requirements for enrollment in the final internship and seminar courses are:

1. Admission to the College of Education.
2. Completion of General Education, "Gordon Rule," and all other program prerequisites (includes passing all sections of the General Knowledge Test).
3. Completion of an application for the final internship by the deadline noted. Applications for final internship are made through the Student Academic Services website (www.coedu.usf.edu/sas/). Application deadline for Fall Semester is January 15th. Application deadline for Spring semester is June 15th.
4. Elementary, Early Childhood and Physical Education programs require completion of all professional education and specialization course work except for EEX 4070 and Senior Seminar. Special Education programs require completion of all professional education and specialization coursework. Secondary Education Programs require completion of the professional course sequence except for EEX 4070/EDF 4430 and a minimum of two thirds of the specialization coursework.
5. Elementary, Early Childhood, and Physical Education programs require a combined grade point average of 2.5 in professional education and specialization coursework as well as an overall USF GPA of 2.5. Special Education programs require an overall USF GPA of 2.5. Secondary Education programs require a minimum GPA of 2.5 in professional education and specialization coursework or an overall USF GPA of 2.5.
6. Students must earn a minimum "C-" grade or "S" in their required major courses.

College Requirements for Graduation from Teacher Education Programs

1. To be certified by the College of Education for graduation, a student must have earned a minimum of 120-semester hours credit.
2. Successful completion of all program requirements for ESOL endorsement.
3. A minimum overall USF grade-point average of 2.5 or a minimum GPA of 2.5 in teaching specialization courses and a minimum GPA of 2.5 in the Professional Education sequence is required for Secondary Education Programs. The Physical Education, Elementary and Early Childhood programs require a combined grade point average of 2.5 in professional education and specialization as well as an overall USF GPA of 2.5.
4. Satisfactory completion of the internship is also required. Must pass the General Knowledge Test prior to the completion of internship.
5. Passing scores on the appropriate FTCE Subject Area and Professional Education subtests.
6. Completed the major requirements in a state-approved teacher education program (which includes general preparation, teaching specialization, and professional preparation).
7. A minimum of 8 credits in professional courses in addition to internship and 12 credits in specialization courses must have been earned at USF.
8. A minimum of 30 hours after admittance to an upper-level program and must meet all University requirements.

Note: Normally, the college will recommend the granting of a Bachelor of Science (BS) degree which includes a minimum of 6 credit hours of exit courses. To obtain a Bachelor of Arts (BA) degree, the student must meet the Foreign Language Competency (see graduation requirements in front of catalog) and complete 9 hours of exit courses, 3 of which must be in Literature and Writing and 3 of which must be offered outside the College of Education.

SunCoast Area Teacher Training Program (SCATT)

SCATT is an award-winning teacher training program designed to enhance the already outstanding teacher preparation programs currently offered within the College of Education. The Suncoast Area Teacher Training Program celebrates excellence in teaching while emphasizing professionalism in a diverse society. SCATT offers students a variety of activities, workshops, seminars and field trips to enrich their knowledge base as educators. The SCATT program offerings are based on the research on effective teaching strategies and encourage reflective practice.

The entrance requirements for the program help identify those students who have demonstrated high levels of academic achievement, leadership potential and those who have a commitment to aspire to the highest standards of the teaching profession. To graduate as a SCATT student, individuals participate in activities each semester prior to final internship that extend "above and beyond" the requirements of their academic curricula. In addition, they are offered the opportunity to network with majors from programs other than their own. During final internship SCATT students participate in intensive leadership and communication skills training.

SCATT also helps prospective employers within the University's service area fill teaching positions with highly qualified graduates.

To apply to the SCATT program, students must be admitted to the College of Education in a program that requires a full-time internship experience, complete an application available from the SCATT office (located on the second floor of the David T. Anchin Center, just off the rotunda), and attend a scheduled Interview Orientation to become familiar with the expectations of SCATT graduates. For further information come to the SCATT office, call (813) 974-2061, or visit our website at www.coedu.usf.edu/SCATT

BACCALAUREATE-LEVEL DEGREE PROGRAMS

The College of Education has programs leading to the Bachelor of Science degree* in the following fields:

Program	Department	Code
Early Childhood Education	Childhood Education	(BEC)
Elementary Education	Childhood Education	(BEE)
Exceptional Student Education	Childhood Education	(BEX)
English Education	Secondary Education	(BEN)
Foreign Language	Secondary Education	
French		(BFF)
German		(BFG)
Italian		(BFI)
Latin		(BFL)
Russian		(BFR)
Spanish		(BFS)
Mathematics Education	Secondary Education	(BMA)
Physical Education	Physical Education	
K-12		(BPS)
Athletic Training		(BPA)
Wellness Leadership		(BPW)
Science Education	Secondary Education	
Biology		(BSB)
Chemistry		(BSC)

Physics (BSY)
Social Science Education (BSS)
Secondary Education

Music Education is offered in the College of Visual and Performing Arts.

See Departmental Section for specific program requirements.

*A Bachelor of Arts degree may be awarded when competency in a foreign language is demonstrated and a student has met the nine hour Liberal Arts Exit requirements.

DEPARTMENTS AND PROGRAMS

The College of Education is organized into 8 departments. Each department has one or more programs listed alphabetically in the following section.

Department of Adult, Career & Higher Education

The Department of Adult, Career & Higher Education at USF offers degrees designed to prepare teachers and leaders in the various fields of Adult Education, Business and Office Education, Industrial-Technical Education, Technology Education and Vocational Education. The Bachelor of Science (B.S.) degree is offered in the areas of: Business and Office Education, Industrial-Technical Education and Technology Education.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Note: Effective fall 2005, the department of Adult, Career and Higher Education will phase out the Business and Office Education, the Industrial-Technical Education, and the Technology Education programs. New admissions are no longer being accepted. Previously admitted students are urged to meet with their advisor immediately to develop a plan to complete degree requirements as soon as possible. St. Petersburg College (SPC) [formerly St. Petersburg Junior College] anticipates launching Business Education, Technology Education, and Industrial-Technical Programs during the 2005-2006 academic year. Previously admitted students who are unable to complete the degree requirements at USF may transfer to SPC with minimal disruption of their progress toward degree completion. For information on the SPC program, call (727) 341-4772.

Department of Childhood Education

The Childhood Education Department has the responsibility for the development and supervision of programs leading to the Bachelor of Science Degree in Early Childhood Education and Elementary Education.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

All of the programs offered on regional campuses may vary in requirements and course offerings. For an accurate schedule of courses and requirements, please check with the campus you plan to attend.

Early Childhood and Elementary Education Programs

Early Childhood and Elementary majors will be assigned to a specified sequence of courses to be followed throughout the program enrollment. Coursework will include internship and field experience. Students who withdraw from or who have unsatisfactory grades in the field experiences or internships must petition the department Professional Standards Committee before they will be allowed to repeat the internships.

Students must have an overall USF GPA of 2.5 and a GPA of 2.5 in the combined Professional Core and Teaching Specialization prior to final internship and graduation.

Part-time students in Elementary Education (those planning to take 9 hours or less per semester) must meet program and internship requirements associated with the programs. These requirements include being available to participate in the internships during regular school hours.

Part-time students in Early Childhood Education must meet with the program coordinator prior to admission to the program. These students also must meet program and internship requirements associated with the programs. The requirements include being available to participate in internships during regular school hours.

Early Childhood Program

Students may complete a state-approved program to be eligible for licensure in Early Childhood Education Pre-Kindergarten/Primary (age 3 - Grade 3). The current program of studies includes both coursework and extensive field experiences in early childhood settings to enable students to integrate theory with teaching practice. Upon successful completion of the required courses, associated internships, and a professional portfolio demonstrating the program outcomes and the Florida Educator Accomplished Practices. Early Childhood majors will be eligible for certification in Pre-Kindergarten/Primary (age 3 - Grade 3).

Early Childhood Education with ESOL Endorsement

The College of Education offers a full ESOL Endorsement for all Early Childhood Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

Elementary Education Program

Students may complete a state-approved program to be eligible for certification in Elementary Education (Grades K-6). Degree and certification requirements are subject to change in accordance with state mandates. The current program of studies includes both coursework and extensive field experience in elementary school settings to enable students to integrate theory with teaching practice. A professional portfolio that reflects students' demonstration of the Accomplished Practices (APs) is a requirement for graduation.

Elementary Education with ESOL Endorsement

The College of Education offers a full ESOL Endorsement for all Elementary Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

• EARLY CHILDHOOD EDUCATION: Pre-Kindergarten/Primary

Requirements for the B.S. Degree (BEC): In addition to the courses listed below, students must complete "Preliminary

Requirements for Students entering Teacher Education Programs."

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF X005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

For additional prerequisites see program requirements below.

Professional Education Core (39 cr. hrs.):

EDF 4111	Child Growth and Learning	3
EEC 4940	Senior Internship and Seminar	10
EEC 4936	Senior Seminar	2
EEC 4941	Field Experience I	3
EEC 4942	Field Experience II	3
EEC 4943	Field Experience III	3
EDG 4909	Young Children With Special Needs	3
EDG 4909	Assess., Eval., Reporting Progress	3
FLE 4362	Curriculum and Pedagogy of ESOL	3
FLE 4363	Literacy Development in English Language Learners	3
FLE 4364	Applying Linguistics to ESOL Teaching and Testing	3

Specialization (30 cr. hrs.):

EEC 4008	Literature in Early Childhood Education (Exit)	3
OR		
LAE 4414	Children's Literature	3
EEC 4203	Programs for Young Children	3
EEC 4211	Integrated Curriculum: Science and Mathematics	3
EEC 4212	Integrated Curriculum: Social Sciences/Humanities & Art	3
EEC 4300	Cognitive Experiences for Young Children	3
EEC 4303	Creative and Affective Experiences for Young Children	3
EEC 4408	Child, Family & Teacher Relations	3
EEC 4706	Language and Emerging Literacy	3
HSC 3301	Health, Safety, Nutrition and Motor Skills for the Young Child	3
RED 4310	Early Literacy Learning	3
EDG 4909	Directed Studies	3
	Classroom Management Course	3

The order in which these courses are to be taken is spelled out in the program of study.

• ELEMENTARY EDUCATION

Requirements for the B.S. Degree (BEE): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Students are advised that the Elementary Education specialization will require an enrollment of more than the traditional four semesters of the junior and senior years in order to complete the program specialization courses and the required sequence of internship.

The order in which these courses are to be taken is designated in the program of study.

Professional Education (32-33 credit hours):

EDF 3122	Learning and the Developing Child	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2-3
FLE 4362	Curriculum and Pedagogy of ESOL	3
FLE 4363	Literacy Development in English Language Learners	3
FLE 4364	Applying Linguistics to ESOL Teaching and Testing	3
EDE 4940	Internship	12

Specialization (41 credit hours):

EDE 4301	Classroom Management, School Safety, Ethics, Law, and Elementary Methods	3
EDE 4941	Childhood Education Internship Level I	3
HLP 4722	Health and Physical Education for the Child	2
EDE 4942	Childhood Education Internship Level II	6
LAE 4314	Teaching Writing	3
LAE 4414	Teaching Literature in the Elementary Schools	3
MAE 4310	Teaching Elementary School Mathematics I	3
MAE 4326	Teaching Elementary School Mathematics II	3
RED 4310	Reading and Learning to Read	3
RED 4511	Linking Literacy Assessment to Instruction	3

SCE 4310	Teaching Elementary School Science	3
SSE 4313	Teaching Elementary School Social Studies	3
EDG 4909	Directed Studies	3

Department of Secondary Education

The following programs are housed in the Department of Secondary Education:

English Education
Foreign Language Education
Mathematics Education
Science Education
Social Science Education

The undergraduate programs offered by the department are designed to prepare students to meet Florida teacher certification requirements and to become highly competent secondary teachers. Specialized courses in the teaching of mathematics, science, and social science are also offered for students majoring in elementary, early childhood, and special education.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

• ENGLISH EDUCATION with ESOL Endorsement

Requirements for the B.S. Degree (BEN): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

The College of Education offers a full ESOL Endorsement for all English Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
Suggested courses: MGF 1105, 1106, or 1107; STA 2022
- Twelve (12) hours of Social Science (to include American History and General Psychology)
Suggested courses: AMH; AML 3453; ENL 3323, 3823; PSY 2012
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
Suggested courses: LIT 2000; SPC 2000
- Six (6) hours Humanities (to include Philosophy and Fine

Arts)

Suggested courses: FIL 2001; PHH 2000

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Recommended Courses:

Literature Course (3 hours) - select from LIT, AML, ENL (LIT 2000 or ENL 3323 recommended)

English Electives (9 hours) - to include advanced composition and mediacy

(CRW 2100 or CRW X111 and MMC 2100 or ENC X310 and LIT 2046 or LIT X301 recommended)

Professional Education (23 credit hours):

EDF 3604	Social Foundations of Education (Exit)	3
EDF 3214	Human Development and Learning	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2
FLE 4316	Language Principles and Acquisition	3
FLE 4317	Teaching LEP Students K-12	3
	Literacy Course	3
	Classroom Management Course	3

Specialization (45 credit hours):

ENC 3310 Expository Writing 3

One of the following:

LIT 3103 Great Literature of the World (Exit) 3

WST 4410 Third World Women Writers (Exit) 3

LAE 4469 Teaching World Literature to Middle and Secondary Students 3

One of the following:

AML 3031 American Literature to 1860 3

AML 3032 American Literature 1860-1912 3

AML 3051 American Literature 1912-1945 3

One of the following:

ENL 3015 British Literature to 1616 3

ENL 3230 British Literature 1616-1780 3

ENL 3251 British Literature 1780-1900 3

ENL 3273 British Literature 1900-1945 3

One of the following:

LIT 3383 The Image of Women in Literature 3

LIT 4386 British and American Literature by Women (Exit) 3

One of the following:

LIN 3010 Introduction to Linguistics 3

ENG 4060 History of the English Language 3

One of the following:

LIN 3670 English Grammar and Usage 3

LIN 4680 Structure of American English 3

Additional Specialization (24 credit hours):LAE 4464 Adolescent Literature for Middle and Secondary Students (Exit) 3
(Must be taken with LAE 4323)LAE 4323 Methods of Teaching English: Middle School 3
(Must be taken with LAE 4464)LAE 4530 Methods of Teaching English: Practicum 3
(Must be taken with LAE 4335)LAE 4335 Methods of Teaching English: High School 3
(Must be taken with LAE 4530)

LAE 4936 Senior Seminar in English Education 2

LAE 4940 Internship: English Education 10

LAE 4530 and LAE 4335 must be taken in the Fall or Spring immediately preceding internship. LAE 4323 must be taken

prior to LAE 4530. LAE 4464 must be taken concurrently with LAE 4323.

• FOREIGN LANGUAGE EDUCATION with ESOL Endorsement

Requirements for the B.S. Degree (BFS/BFF/BFI/BFG/BFR): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs." A minimum of 27 credit hours beyond intermediate course requirements must be earned in the foreign language. Programs are available for Spanish (BFS), French (BFF), Italian (BFI), German (BFG) and Russian (BFR).

The College of Education offers a full ESOL Endorsement for all Foreign Language Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards. FLE students must also take ESOL 2, which is not part of the ESOL requirement for the FLE program, but does meet the reading requirement.

Prerequisites (State Mandated Common Prerequisites):

These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics, excluding MAT 1033 (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- At least twelve (12) hours must come from the following areas: courses in elementary and intermediate grammar, and composition and advanced conversation, and culture and civilization in the target language.

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Professional Education (33 credit hours):

EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	3
FLE 4316	Language Principles and Acquisition	3
FLE 4317	Teaching LEP Students K-12	3
FLE 4363	ESOL 2 Literary Development in	

	English Language Learners	3
FLE 4936	Senior Seminar in Foreign Language Education	2
FLE 4940	Internship: Foreign Language Education	10
	Classroom Management Course	3
	Literacy Course	3

Teaching Specialization (42 credit hours):

1. Foreign language (30)
 - Conversation and Composition 12
 - Literature 6
 - Culture and Civilization 6
 - Linguistics 3
 - Exit requirement language course 3
2. Foreign Language Education
 - 12 credit hours in methods of teaching a language at the elementary and secondary levels, including a practicum.
 - Fall Term: FLE 4314
 - Spring Term: FLE 4333
 - FLE 4370
 - Summer Term: FLE 4290

• MATHEMATICS EDUCATION

Requirements for the B.S. Degree (BMA): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs (see statement under main college heading)."

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- Other state mandated program prerequisites:
 - Four (4) hours Calculus & Analytic Geometry I
 - Four (4) hours Calculus & Analytic Geometry II
 - Four (4) hours Electives in Mathematics
 - Three (3) hours Computer Programming Language (applicable to microcomputer)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Professional Education (32 credit hours):

EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2
FLE 4365	ESOL Competencies and Strategies	3
MAE 4940	Internship: Mathematics Education	10
MAE 4936	Senior Seminar in Mathematics Education	2
	Classroom Management Course	3

Specialization (30-31 credit hours):

MAC 2313	Calculus III	4
MAD 3100	Discrete Mathematics	3
MAS 3105	Linear Algebra	4
MAS 4214	Elementary Number Theory	3
MAS 4301	Elementary Abstract Algebra	3
MGF 3301	Bridge to Abstract Mathematics	4
MHF 4403	Early History of Math (Exit)	3
MTG 3212	Geometry	3

or

MTG 4214	Modern Geometry	4
STA 2023	Intro Statistics I	4

Additional Specialization (15 credit hours):

MAE 4320	Middle School Methods	3
MAE 4330	Senior High School Methods	3
MAE 4551	Reading the Language of Mathematics	3
MAE 4652	Technology for Teaching Secondary School Mathematics I	3
MAE 4653	Technology for Teaching Secondary School Mathematics II	3

• SCIENCE EDUCATION

Requirements for the B.S. Degree (BSB, BSC, BSY): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

For Biology Teacher Education -

Biology with Lab	8
Chemistry with Lab or Physics with Lab	8
Electives in Science	6

For Chemistry Teacher Education -

Chemistry with Lab	8
Biology with Lab or Physics with Lab	8
Electives in Science	6

For Physics Teacher Education-

Physics with Lab	8
Biology with Lab or Chemistry with Lab	8
Electives in Science	6

Professional Education Core for all Tracks (29 credit hours):

The required courses in the professional education core are as follows:

EDF 3214	Human Development and Learning	3
----------	--------------------------------	---

EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2
FLE 4365	ESOL Competencies and Strategies	3
SCE 4936	Senior Seminar in Science Education	10
SCE 4940	Internship: Science Education Classroom Management Course	3

Biology Education*Prerequisites (38 credit hours):*

BSC 2010	Biology I*	3
BSC 2010L	Biology I Lab*	1
BSC 2011	Biology II*	3
BSC 2011L	Biology II Lab*	1
CHM 2045, 2045L	General Chemistry I and Lab*	
and		
CHM 2046, 2046L	General Chemistry II and Lab	8
or		
PHY 2048, 2048L	General Physics I and Lab (with Calculus)	
and		
PHY 2049, 2049L	General Physics II and Lab* (with Calculus)	8
or		
PHY 2053, 2053L	General Physics and Lab*	
and		
PHY 2054, 2054L	General Physics and Lab Science Elective (Earth Science Only)	8
	Human Anatomy Physiology Course	3
CHM 2046	General Chemistry II with lab	4
PHY 2054	General Physics II with lab	4

Specialization (33 credit hours):

	Human Anatomy Physiology Course	3
PCB 3063	General Genetics	3
PCB 3023, 3023L	Cell Biology and Lab	4
PCB 3043, 3043L	Principles of Ecology and Lab	4
PCB 4674	Organic Evolution	3
MCB 3030C	Introduction to Microbiology	4
BSC 4057	Environmental Issues (Exit)	3
SCE 4320	Teaching Methods in Middle Grades Science	3
SCE 4330	Teaching Methods in Secondary School Science	3
EDE 4909	Directed Studies	3
SCE 4236	Science, Technology, Society Interaction	3
or		
CHM 4070	Historical Perspectives in Chemistry	3
or		
PHY 4031	Great Themes in Physics	3

Additional Requirements

MAC 2281	Engineering Calculus I	4
----------	------------------------	---

Chemistry Education*Prerequisites (39 credit hours):*

CHM 2045	General Chemistry I*	3
CHM 2045L	General Chemistry Lab*	1
CHM 2046	General Chemistry II*	3
CHM 2046L	General Chemistry II Lab*	1
BSC 2010, 2010L	Biology I and Lab*	
and		
BSC 2011, 2011L	Biology II and Lab*	8
or		
PHY 2048, 2048L	Physics I and Lab* (with Calculus)	
and		
PHY 2049, 2049L	Physics II and Lab* (with Calculus)	8
or		
PHY 2053, 2053L	Physics and Lab*	

and		
PHY 2054, 2054L	Physics and Lab*	8
	Science Elective (Earth Science Only)	3

Specialization (32 credit hours):

CHM 2210, 2210L	Organic Chemistry I and Lab	45
CHM 3120C	Elementary Analytical Chemistry	3
CHM 3400	Elementary Physical Chemistry I	3
CHM 3610, 3610L	Intermediate Inorganic Chemistry and Lab	4
CHM 4070	Historical Perspectives in Chemistry	3
BCH 3023	Introductory Biochemistry	3
SCE 4320	Teaching Methods in Middle Grades Science	3
SCE 4330	Teaching Methods in Secondary School Science	3
EDG 4909	Directed Studies	3
SCE 4236	Science, Technology, Society Interaction	3
or		
BSC 4057	Environmental Issues	3
or		
PHY 4031	Great Themes in Physics	3

Physics Education*Prerequisites (33 credit hours):*

BSC 2010, 2010L	Biology I and Lab*	
and		
BSC 2011, 2011L	Biology II and Lab*	8
or		
CHM 2045, 2045L	General Chemistry I and Lab*	
and		
CHM 2046, 2046L	Chemistry II and Lab*	8
PHY 2048, 2048L	General Physics I and Lab* (with Calculus)	
and		
PHY 2049, 2049L	General Physics II and Lab* (with Calculus)	8
or		
PHY 2053, 2053L	General Physics I and Lab*	
and		
PHY 2054, 2054L	General Physics II and Lab*	8
	Science Elective (Earth Science Only)	3

Specialization (30 credit hours):

PHY 2020	Conceptual Physics	3
PHY 3101	Modern Physics	3
PHY 3221	Mechanics I	3
PHY 3323C	Electricity and Magnetism	3
PHY 4031	Great Themes in Physics	3
	Physics Electives (Select from PHY3 to PHY5, PHZ3 to PHZ5)	
	Computer Applications in Physics	3
SCE 4320	Teaching Methods in Middle Grade Science	3
SCE 4330	Teaching Methods in Secondary School Science	3
EDG 4909	Directed Studies	3
SCE 4236	Science, Technology, Society Interaction	3
or		
CHM 4070	Historical Perspectives in Chemistry	3
or		
BSC 4057	Environmental Issues	3

*May be part of General Education Requirements

• SOCIAL SCIENCE EDUCATION

Requirements for the B.S. Degree (BSS): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs." It is recommended that students pursue a double major in Social Science Education with History or one of the Social Sciences.

Prerequisites (State Mandated Common Prerequisites):
These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF X005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- Three (3) hours American Government¹
- Three (3) hours Anthropology²
- Three (3) hours Cultural Geography³
- Three (3) hours Economics⁴
- Three (3) hours History
- Three (3) hours Psychology
- Three (3) hours Sociology⁵

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

The following are the courses recommended by the Social Science Education department to fulfil the State Mandated Common Prerequisites:

- ¹ POS 2041 American National Government
or
POS 2080 American Political Tradition
- ² ANT 2000 Introduction to Anthropology
or
ANT 2410 Cultural Anthropology
- ³ GEA 2000 Global Geography
- ⁴ ECO 1000 Basic Economics
or
ECO 2013 Macroeconomics
- ⁵ SYG 2000 Introduction to Sociology
or
SYG 2010 Contemporary Sociology

Professional Education Core (17 credit hours):

EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2
FLE 4365	ESOL Competencies and Strategies	3
	Classroom Management	3

Social Sciences Specialization (48 credit hours):

AMH 2010	American History I	3
AMH 2020	American History II	3
GEA 2000	World Regional Geography	3
HUM 2211	Studies in Culture: Classical through Medieval	3
HUM 2243	Studies in Culture: Renaissance through the 20 th Century	3
POS 2112	State and Local Government	3
POS 2080	American Political Tradition	3

One of the following:

HIS 4104	Theory of History	4
POT 4054	Modern Political Theory	3
POT 4064	Contemporary Political Thought	3
POT 4204	American Political Thought	3
Any course from African, Asian, or Latin American, or Middle Eastern History		3
AMH 3421	Early Florida History	4
AMH 3423	Modern Florida History I	4

One of the following:

ANT 2000	Introduction to Anthropology	3
ANT 2410	Cultural Anthropology	3

One of the following:

ECO 1000	Basic Economics	3
ECO 2013	Macroeconomics	3

One of the following:

SYG 2000	Introduction to Sociology	3
SYG 2010	Contemporary Problems	3
INR 3018	World Ideologies	3

Social Science Education (27 credit hours):

SSE 4333	Teaching Middle Grades Social Science	3
SSE 4334	Teaching Secondary Grades Social Science	3
SSE 4335	Teaching Social Science Themes*	3
SSE 4600	Reading and Basic Skills in the Social Sciences	3
SSE 4936	Senior Seminar in Social Sciences Education	2
SSE 4940	Internship: Social Science Education**	10

*SSE 4333 or SSE 4334 must be successfully completed prior to SSE 4335.

**Only SSE 4936 can be taken at the same time as SSE 4940.

Department of Educational Measurement and Research

The Department of Educational Measurement and Research offers EDF 4430, Measurement for Teachers, that provides students with the measurement and evaluation skills and dispositions they need to be effective classroom teachers. Students use curriculum-based, learner-based, context-based, and professionally-based standards to develop and use objective, produce, and live performance tests; attitude observation and self-report assessments; they analyze and evaluate learner progress, their tests, and their instruction; and they communicate learner progress using portfolios, grades, and standardized test profiles. The course is delivered using web-based distance and web-enhanced laboratory format.

School of Physical Education, Wellness and Sport Studies

The School of Physical Education, Wellness, and Sport Studies teaches a variety of Elective Physical Education courses and conducts a Physical Education Teacher Preparation Program, Wellness Leadership Program, and an Athletic Training Program.

• PHYSICAL EDUCATION ELECTIVE PROGRAM

Physical Education elective offerings in the School of Physical Education, Wellness and Sport Studies are designed to provide opportunities for all students in the University to acquire knowledge and movement skills related to an active healthy lifestyle. Laboratory experiences in over twenty-five different exercise and sports activities allow students to select and develop proficiency appropriate for leisure pursuit and personal development. Special competency courses provide for in-depth study in such areas as personal wellness, current issues in sports, and first aid.

• PHYSICAL EDUCATION, WELLNESS LEADERSHIP AND ATHLETIC TRAINING

Students must enroll in one of the following programs: a) Physical Education K-12 (Florida Teacher Certification); b) Wellness Leadership; or c) Athletic Training.

Requirements for the B.S. Degree (BPE/BPS/BPW): The two-year programs are offered beginning in the junior year and includes mandatory attendance during the summer session between the junior and senior years. Students in Physical Education and Wellness Leadership may enter in the Fall Semester of each year only. Students in Athletic Training must enter in the Summer Semester (Session B) prior to their junior year. Students proceed through the programs in cohorts and are required to complete all required courses each semester with a grade of "C-" or better in order to progress to the next semester. Students who do not complete the requirements will be dismissed from the program and may reapply for the next cohort.

For K-12 Physical Education Major (BPE):

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF X005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- Anatomy & Physiology I 3-4
- Care and Prevention of Athletic Injuries or Anatomy and Physiology II with lab 3-4
- Skill Development Courses in Physical Activities 4-5
- Conditioning, Fitness & Wellness Courses in Physical Activities 3

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement. Prerequisites must include a laboratory component

Semester I:

EDF 3122	Learning and the Developing Child	3
or		
EDF 4131	Learning and the Developing Adolescent	3
EDG 4909	Directed Studies	3
FLE 4365	ESOL Competencies and Strategies	3
PET 3421	Curriculum & Instruction in Phys. Ed.	3
PET 4432	Instructional Design & Content: Physical Education Elementary	3
Total		15

Semester II:

EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
PET 3031	Motor Behavior	3
PET 4433	Instructional Design & Content: Physical Education Elementary II	3
PET 4942	Phys. Ed. Pre-Internship: Elementary	3
Total		15

Semester III:

PET 3012	Professional Development in Phys. Ed. I	1
PET 3441	Instructional Design & Content: Middle School Physical Education	3
RED 4310	Reading and Learning to Read	3
PET 3640	Adapted Physical Education	3
PET 4304	Principles and Issues in Coaching (optional)	3
Total		10-13

Semester IV:

PET 3013	Professional Development in Phys. Ed. II	1
EDG 4909	Directed Studies	3
PET 4401	Class Management, Safety, Ethics, Law and Organization and Administration of Physical Education	3
PET 4442	Instructional Design & Content: Physical Education Secondary	3
PET 4944	Phys. Ed. Pre-Internship: Secondary	3
Total		13

Semester V

PET 4946	Internship in Phys. Ed.: Elementary	6
PET 4947	Internship in Phys. Ed.: Secondary	6
PET 3252	Issues in Sport (exit)	3
Total		15

For Wellness Leadership Major (BPW):

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

Human Anatomy and Physiology I and lab	4
or	
Human Anatomy and lab	4
Human Anatomy and Physiology II and lab	4
or	
Human Physiology and lab	4
College Algebra or higher	3
Statistics or Pre-Calculus	3
General Psychology	3
General Nutrition	3
Survey of Chemistry or higher	3
Survey of Chemistry or higher lab	1

Recommended:

First Aid/CPR
Care and Prevention of Athletic Injuries
Introductory Course in Computer Technology

Professional Education Core (for Wellness Tracks):

EDG 4909	Personal/Professional Development Seminar	3
PET 3310	Kinesiology	3
PET 3351	Exercise Physiology I	3

Additional Courses Required For Wellness Leadership Major:

ADE 4384	Working with the Adult Learner	3
GEY 3601	Physical Changes and Aging	3
HLP 4941	Wellness Internship	12
HUN 2201	Nutrition	3

PEM 2131	Weight Training	2
PEP 3940	Practicum in Health Promotion/Wellness	4
PEP 3951	Communications Skill for Wellness Leaders	3
PEQ 3170	Aquatic Exercise	2
PET 3080	Survey of Wellness Programs	3
PET 3931	Selected Topics	1-3
PET 4404	Organization & Administration of Wellness Programs	3
PET 4353	Exercise Physiology II	3
PET 4384	Health Fitness Appraisal & Exercise Prescription	3

Note: Students must satisfy the University's CLAST requirements.

For Athletic Training Major (BPA):

The undergraduate Athletic Training Major is a limited access program designed to prepare students for a successful career as a qualified allied health care professional educated and experienced in the management of health care problems associated with sports participation. Admission to the major is gained through completion of required criteria set forth by the School of Physical Education, Wellness, and Sport Studies in addition to the regular university application process. Successful completion of the major qualifies students to take the Board of Certification Examination and the State of Florida Athletic Trainer Licensure Examination. The Athletic Training Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

This is a full-time 2-year program with considerable clinical education. Students must be available for class from 8am - 12pm daily and from 2pm - 7pm daily for clinical education. Considerable evening and weekend hours may also be required. Students will accumulate a minimum of 250 hours of clinical education per semester.

Graduates from this program establish successful careers as athletic trainers in secondary schools, colleges and universities, professional sports programs, sports medicine clinics, and other athletic health care settings. Interested students should visit our web site (http://pe.usf.edu/ath_trng/) and attend an organizational meeting held on the first Thursday of each semester. The web site offers students a proposed four-year course sequence, a description of our program, a listing of approved clinical sites, and more.

Major Requirements:

In order to be admitted to the Athletic Training Program Track, students must participate in a selective admissions procedure. Information meetings are held monthly to provide students with information, applications and forms. Times and locations are listed on the program's web site at <http://pe.usf.edu>.

Enrollment in the program is limited and students must apply before February 1 of each year for admission the following "B" Summer Session. Students must have completed at least 60 semester credit hours of the total 120 credit hours required for graduation prior to admission. Admission process includes prior admission to the University, application to the athletic training program, submission of all transcripts, recommendation forms, 50 hours of observation of a Certified Athletic Trainer and a written essay on career goals. Students are given a pre-interview score consisting of scores for GPA, GPA in prerequisite classes, professional involvement, leadership ability, recommendations, observation hours and essay. Top candidates will be invited for an interview. Interviews are held the last weekend in February yearly. Students will be notified of their status in the program following the interview. This program begins during the Summer "B" session.

1. Admission Criteria: Students must:

- Apply to the University of South Florida no later than

December 1st of the year preceding application to the Athletic Training Program.

- Meet the criteria for admission to the College of Education. (*exemption from the three common course prerequisites; EDF2005, EDG 2701, and EME 2040*)

- Complete the General Education Requirements of the University (36 credit hours).

*See the University General Education Requirements section of the catalog.

- Complete the following prerequisite or an equivalent with at least a "C" average: (33 credit hours).

BSC 2010	Biology I - Cellular Processes	3
BSC 2010L	Biology I Laboratory	1
BSC 2011	Biology II - Diversity*	3
BSC 2011L	Biology II Lab*	1
BSC 2093C	Human Anatomy & Physiology I	4
BSC 2094C	Human Anatomy & Physiology II	4
CHM 2045	General Chemistry I	3
CHM 2045L	General Chemistry I Laboratory	1
PET 2622	Care & Prevention of Physical Injuries	3
PHY 2053	General Physics	3
PHY 2053L	General Physics Laboratory	1
PSY 2012	Introduction to Psychological Science	3
STA 2023	Introductory Statistics I	4

- Successfully meet exemption requirements for the CLAST or successfully complete the exam.

- Achieve a cumulative GPA of 2.5.

- Achieve a prerequisite GPA of 2.8.

- Submit a completed Athletic Training Application by February 1st.

- Complete and record 50 hours of observation with a certified Athletic Trainer. Half of the hours must be done in a "traditional" athletic training setting (i.e., high school, college/university or professional sports venue). The remaining hours may be done in a sports medicine clinic under a Certified Athletic Trainer. See the Clinical Coordinator for placement and documentation forms. Documentation should be submitted with application.

- Students must be First Aid and CPR certified at the time of application and maintain certification throughout the academic program. This may be initially accomplished by taking HSC 2400 First Aid & CPR or taking courses through the American Red Cross, National Safety Council or American Heart Association.

- Meet the technical standards for admission or show potential for accomplished tasks with accommodation as determined by the Student Disability Office.

- A maximum of 6 credit hours of general education and pre-requisite requirements may be taken following admission to the program. The 6 hours may not include PET 2622 or BSC 2093, 2094.

- Complete an interview by invitation.

*BSC 2011 and BSC 2011L are required as prerequisite for BSC 2093C and BSC 2094C at USF. Students that have already taken BSC 2093C and BSC 2093C or equivalent at other institutions do not have to complete BSC 2011 and BSC 2011L.

Required Professional Core Courses:

HUN 2201	Nutrition	3
PET 3310	Kinesiology	3
PET 3351	Exercise Physiology I	3
PET 3617C	Orthopedic Physical Assessment (Upper Extremity)	3
PET 3618C	Orthopedic Physical Assessment (Lower Extremity)	3
PET 3621C	Athletic Training Techniques	3
PET 3630C	Techniques in Therapeutic Exercise	3
PET 3660	Athletic Training Administration & Policy	3
PET 3670L	Clinical Instruction in Athletic Training I	3
PET 3671L	Clinical Instruction in Athletic Training II	3

PET 4353	Exercise Physiology II	3	EDF 4909	Foundations	1-3
PET 4384	Health-Fitness Appraisal & Exercise Prescription	3	EDF 4909	Directed Study: Educational Foundations	1-3
PET 4627	General Medical Conditions in the Athlete	3	EDF 5136	Adolescence	4
PET 4632C	Therapeutic Modalities	3	EDF 5285	Programmed Instruction and Teaching Machines	3
PET 4633C	Therapeutic Rehabilitation	3	EDF 5607	Trends in Social-Political Foundations of Schooling in the U.S.	3
PET 4672L	Clinical Practice in Athletic Training I	3	IDS 3115	Values and Choices	3
PET 4673L	Clinical Practice in Athletic Training II	3			
PET 4933	Seminar in Sports Medicine	3			
PET 4935	Case Studies in Athletic Health Care	3			
PET 4625	Advanced Athletic Training	3			

Please Note:

PET 3670L, 3671L, 4672L, and 4673L each require a minimum of 250 hours/semester of clinical education at various sites. Students should be aware that this is a considerable time commitment and should plan accordingly. Students may be expected to accumulate more than 250 hours/semester in some rotations due to the demands of the particular rotation.

Once admitted to the Athletic Training Program students must be available from 8am – 12 pm for class and from 2 pm – 7pm for clinical education daily (times vary depending on site). Students must also be available nights and weekends for clinical assignments.

There will be additional costs (above tuition and fees) for the clinical rotations. Costs may include, but are not limited to professional liability insurance, physical examination and immunizations, professional association fees, and uniforms. Transportation is needed for all off-campus clinical sites. Each student will have a minimum of one off-campus rotation.

Students are required to be fingerprinted and complete a background check prior to starting rotations at any public or private school. The athletic training student is responsible for this additional expense.

Students proceed through the program in cohorts and are required to complete all the required courses each semester with a grade of "C-" or better in order to progress to the next semester. Students who do not complete the requirements will be dismissed from the program and may re-apply for the next cohort. Students must maintain a 3.0 GPA in the core courses or will be placed on probation in the program. Probation includes attending mandatory study sessions. Two consecutive semesters on probation may result in the student being dismissed from the program.

Students must satisfy the University's CLAST requirements.

Department of Psychological and Social Foundations of Education

The Department of Psychological and Social Foundations of Education does not offer a specific major or degree program, but provides courses for all students majoring in the wide array of undergraduate programs available in the College of Education. These courses contribute to the students' understanding of the general education enterprises and are considered foundational to later professional specialization. Consequently, these courses should be taken early in the professional program, typically in the junior year.

Professional Education Core (34-39 cr. hrs.):

EDF 3122	Learning and the Developing Child	3
EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education	3
EDF 4111	Child Growth and Learning	3
EDF 4131	Learning and the Developing Adolescent	3

In addition the department offers:

EDF 3228	Human Behavior and Environmental Selection	3
EDF 4905	Independent Study: Educational	

The Counselor Education program offers undergraduate courses focusing on human services skill development, decision-making and personal growth. Course content contributes to student success in academic and personal endeavors and may serve to orient students to post-graduate work in human services fields.

MHS 4052	Human Relations Skills in Counseling	4
MHS 4905	Independent Study: Guidance and Counseling Education	1-4
SDS 4040	Introduction to Student Personnel Work in Higher Education	2
SLS 1101	The University Experience	2

Department of Special Education

The Department of Special Education prepares teachers to work with children who have emotional and behavioral disabilities, mental retardation, and specific learning disabilities. The undergraduate program is a state-approved program that leads to certification in Exceptional Student Education (ESE).

Students are required to meet University and College of Education entrance requirements prior to enrollment in the Department. Upon admission, students affiliate with the campus on which they wish to take their program of studies. Students may not register for courses on other campuses without permission. On the Tampa Campus, students are assigned to teams. All courses are taken with the assigned team. The program sequence includes three semesters of part-time field experience and one semester of full-day internship. All part-time field experiences must be successfully completed as a member of a team concurrently enrolled in a specified course in designated local schools. Final internships are assigned only to designated school districts where partnerships exist. Field experiences begin during the first semester of a student's enrollment with increasing involvement throughout the program. Students are responsible for providing transportation to their experience sites.

In some instances students may pursue a part-time program (9 hours or less a semester). This requires that students be available to participate in field experiences and concurrent classes during regular school hours.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

• SPECIAL EDUCATION with ESOL Endorsement

The College of Education offers a full ESOL Endorsement for all Special Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a 10 days; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

Prerequisites (State Mandated Common Prerequisites):
These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Professional Education Core (31-32 credit hours):

The required courses in the professional education core are as follows:

EEX 4941	Practicum in ESE	6
EDF 3122	Learning and the Developing Child	3
or		
EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
FLE 4316	Language Principles and Acquisition	2
FLE 4317	Teaching LEP Students K-12	3
EEX 4940	Internship: Exceptional Student Education	1-10
EEX 4936	Senior Seminar in Exceptional Student Education	1

Area of Specialization

Exceptional Student Education

Students seeking the B. S. degree with certification in Exceptional Student Education are required to take the following courses:

EEX 4011	Foundations of Special Education	3
EEX 4054	Perspectives on Learning and Behavioral Disorders	3
EEX 4221	Educational Assessment of Exceptional Students	3
EEX 4243	Education of the Exceptional Adolescent and Adult	3
EEX 4604	Behavior Management for Special Needs and at Risk Students	3
EEX 4742	Narrative Perspectives on Exceptionality: Cultural and Ethical Issues (Exit)	3
EEX 4846	Clinical Teaching in Special Education	3
EMR 4011	Mental Retardation and Developmental Disabilities	3
LAE 4314	Teaching Writing	3
MAE 4310	Teaching Elementary School Mathematics I	3
RED 4310	Early Literacy Learning	3
RED 4511	Linking Literature Assessment to Instruction	3

Student Organizations and Activities

College of Education Student Council

The College of Education Student Council represents the interests of education majors in regard to policies and needs of the college. The Council leadership team consists of five officers (President, Vice-President, Secretary, Treasurer, and Historian) and seven Student Government Senators. Elections are held annually; all pre-education and education majors are eligible to vote for all officers.

C.E.S.C. activities enhance members' development by providing opportunities for professional and community service. It also functions as a forum for socialization. Any student majoring in education with a minimum GPA of 2.0 is eligible to participate.

Childhood Education Organization

The Association for Childhood Education International is a non-profit professional organization concerned with the education and well-being of children from birth to early adolescence. Members are located throughout the United States.

The USF chapter works directly with children through observation, projects, and programs. In addition, it provides opportunities for students to study and exchange professional ideas at conferences throughout the state of Florida. Membership is open to all students.

Student Athletic Trainers' Association (SATA)

The role of this organization shall be to provide Athletic Training majors an opportunity for professional growth and exchange of professional ideas in the field of sports medicine. Activities of SATA include opportunities to hear prominent speakers, attend seminars, visit state and national conventions, and participate in social events. All interested students are invited to join.

Student Council for Exceptional Children

The Student Council for Exceptional Children [SCEC] is an organization of those members of the University interested in the education of children who are gifted, emotionally disturbed, physically handicapped, mentally retarded, or have specific learning disabilities.

Activities of the USF Chapter include field trips to various special educational facilities, opportunities to hear prominent speakers, attend seminars, visit state and national conventions, and participate in social events. All interested students are invited to join.

National Education Association Student Program (NEASP)

The National Education Association extends its usual member benefits to student teachers, providing opportunities for professional growth, leadership training, and also \$1 million liability insurance coverage while interns are engaged in student teaching. Membership is open to all students.

Kappa Delta Pi

Kappa Delta Pi is an international co-educational honor society in Education. The society was founded to recognize and encourage excellence in scholarship, high personal standards, improvement in teacher preparation, and distinction in achievement.

Association of Physical Education College Students (APECS)

The Physical Education and Wellness Association (PEWA) is open to all students enrolled in the Physical Education and Wellness Programs. Social and professional meetings are conducted throughout the year. Professional service to the community is also provided by the association.

Mathematics Education Club

The role of this organization shall be to provide an informative and supportive environment for all members, encourage scholarship, and provide a helpful atmosphere for students progressing through the Mathematics Education program.

Membership shall be available to any student in good standing who expresses interest in the Mathematics Education program at USF.

Minority Organization of Students in Education (MOSE)

The Minority Organization of Students in Education provides students with experiences that will facilitate the educational and professional growth of its members. This is achieved by providing information about the various opportunities available to them, scheduling activities that will enrich their experiences, as well as organizing the sponsorship and participation in community service programs. Guest speakers are also invited to meetings to discuss topics of interest such as employment and graduate school.

Science Education Association (SEA)

The Science Education Association provides a supportive environment for students majoring in science education, although membership is open to anyone interested in science. SEA plans field trips, guest speakers, and the compiling of a classroom science activities file for education majors.

EDUCATION FACULTY**ADULT, CAREER & HIGHER EDUCATION**

Chairperson: W. R. Sullins; *Professors:* W. E. Blank, J. A. Eison, W. B. James, W. H. Young; *Associate Professors:* D. Dellow, J. M. Ignash, J. B. Scaglione, W. R. Sullins; *Assistant Professors:* M. R. Mills; *Visiting Assistant Professor:* S. Kirkman.

Childhood/Language Arts/Reading Education

Chairperson: M. Mann; *Professors:* S. Graves, S. Homan, J. King, M. Mann; *Professor Emeritus:* J. Klesius, J. Richards, E. F. Searls; *Associate Professors:* N. Anderson, R. Brindley, P. Fleege, K. Laframboise, E. Larkin, J. Linder, W. Mo, J. Schneider, N. Williams; *Assistant Professors:* J. Eitelgeorge, E. Ethridge, L. Evans, C. Hite, M. Martin, M. L. Morton, S. Quinn, S. Rushton, P. Webster; *Instructors:* A. Hall, P. Leftwich, C. Lippincott, B. Morris.

Educational Measurement and Research

Interim Chairperson: J. Kromrey; *Professors:* L. M. Carey, C. V. Hines, J. D. Kromrey; *Associate Professors:* R. F. Dedrick, J. M. Ferron, A. J. Onwuegbuzie; *Assistant Professors:* R. Ataya, J. T. Kellow.

Physical Education, Wellness, and Sport Studies

Interim Director: H. Weinberg; *Professors:* J. Eickhoff-Shemek, F. N. Faucette, M. J. Stewart; *Professors Emeritus:* L. Bowers, M. E. Crickenberger, R. Heeschen, H. A. Hoffman, S. E. Klesius, C. Smith; *Associate Professors:* C. D. Ashley, H. Weinberg; *Assistant Professors:* B. Bie, M. Cuppett, M. Kilpatrick; *Instructor:* W. T. Price.

Psychological and Social Foundations

Interim Chairperson: H. Keller; *Professors:* G. Batsche, D. E. Bostow, M. J. Curtis, H. Exum, O. G. Geiger, E. V. Johanningmeier, K. Marfo; *Professors Emeritus:* W. W. Burley, J. C. Dickinson, R. J. Drapela, E. Kimmel; *Associate Professors:* K. Bradley-Klug, D. Cobb-Roberts, D. DeMarie, S. Dorn, W. Henry, K. Powell-Smith, L. Raffaele, B. Shircliffe, S. Street; *Assistant Professors:* J. Austin, J. Baggerly, D. Osborn, T. Rodrigues, C. Zalaquett; *Visiting Assistant Professor:* L. Costas, J. Leavy, M. L. Taylor.

Secondary Education

Interim Chairperson: J. H. Applegate; *Professors:* J. H. Applegate, J. A. Duplass, B. C. Cruz, C. M. Feyten, J. H. Johnston, J. F. Kaywell, C. Kennedy, D. J. Puglisi, B. S. Spector, H. E. Steiner, D. R. Thompson, D. Zeidler; *Professors Emeritus:* B. K. Lichtenberg; *Associate Professors:* R. A. Austin, M. J. Berson, F. D. Breit, P. L. Daniel, W. A. Kealy, G. Kersaint, S. L. Schurr, J. A. White; *Assistant Professors:* A. K. Erben; *Instructors:* S. R. Acosta, M. D. Macy, P. C. Smith.

Special Education

Chairperson: D. Thomas; *Professors:* M. Churton, A. Cranston-Gingras, A. Duchnowski, W. H. Heller, J. Paul, T. Rose, S. P. Singh, B. Townsend; *Associate Professors:* D. Allsopp, N. Berger, B. Loeding, K. Stoddard, D. Thomas; *Assistant Professors:* L. Dukes, P. Jones, T. Knopp, P. McHatton, S. E. Shaunessy; *Jointly Appointed Faculty:* R. Clark, G. Dunlap, R. Friedman, K. Kutash, M. Hernandez, T. Stokes; *Instructor:* B. Braun, K. Colucci, B. Doone; *Visiting Scholars:* W. Rhodes, W. Morse; *Visiting Assistant Professor:* K. Claggett, M. Shealey.

COLLEGE OF ENGINEERING

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

MISSION STATEMENT

The mission of the USF College of Engineering is to continuously aspire to excellence in teaching, research and public service. The College values academic excellence, professionalism, ethics and cultural diversity among its students, staff and faculty. The College is committed to addressing the needs of its constituencies and gives careful consideration to the urban and suburban populations in our service area.

At the undergraduate level the College is committed to provide students with a strong, broad-based, fundamental engineering education as preparation for careers in industry in a global environment, and government, or as preparation for advanced studies in professional schools of engineering, science, law, business and medicine.

At the graduate level students work in close collaboration with faculty, pursuing advanced topics within their disciplines, which will result in advancements in their fields and society at large.

Utilizing the expertise of its individual and collective faculty, the College is dedicated to the development of new fundamental knowledge and processes or procedures, which will benefit all humanity. The College promotes multi-disciplinary approaches, commitment to life-long learning and awareness of societal issues, which are requisite for meeting technological challenges.

The College provides technical assistance and technology transfer to the region, state and nation. In all facets of teaching, research and service, the College emphasizes close liaisons with industry and government to provide students and faculty with the skills and perspectives needed to ensure effective technological leadership.

DEPARTMENTS AND PROGRAMS

The College of Engineering offers undergraduate and graduate programs to prepare students for a broad spectrum of professional careers in engineering. Laboratory experience as well as real-world participation in technological problem solving is a key aspect of a professional engineer's college education. The College of Engineering, in implementing this need, augments its own modern laboratory and research facilities in close collaboration with the professional societies and the many industries in the metropolitan Tampa Bay area. The College of Engineering offers undergraduate degrees in Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Information Systems, Electrical Engineering, General Engineering, Industrial Engineering, and Mechanical Engineering. In addition, the College offers a minor in Biomedical Engineering and several certificate programs offering additional specialization expertise in a related or cross disciplinary area.

The engineering programs of the College have been developed with an emphasis on three broad aspects of engineering activity: design, research, and the operation of complex technological systems. Students who are interested in advanced design or research should pursue the 5-Year Program leading to a Master of Science degree in a designated Engineering discipline. The Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology, Inc. (ABET) has accredited the Engineering programs of the College (Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Industrial Engineering and Mechanical Engineering). The Bachelor of Science program

in Computer Science is accredited by the Computing Accreditation Commission (CAC) of ABET.

The supervision of the academic programs for the College is the function of the administrative departments together with several coordinators. Each department is responsible for specific professional programs, faculty, laboratories, and student advising.

The Departments and Programs section that follows contains descriptions of the engineering degrees offered by the College. The "Four Year Programs" section includes courses students need to take, beginning with the freshman year, to earn the Bachelor of Science in Engineering degree.

Students interested in particular programs offered by the College of Engineering should direct their inquiries to the College of Engineering Office of Student Services (see Advising section below). Information is also available on the College's website: <http://www.eng.usf.edu/>.

PROFESSIONAL ENGINEERING

The College of Engineering recognizes that modern engineering solutions draw on knowledge of several branches of engineering. It also recognizes that future technological and societal developments will lead to shifting of the relative emphasis on various branches of engineering, triggered by new needs or a reassessment of national goals. For this reason the College's programs include a strong engineering foundation portion, designed to equip the prospective engineer with a broad base of fundamental technical knowledge. To this foundation is added the student's specialization of sufficient depth to prepare him/her to embark successfully on a professional career.

The Bachelor of Science degrees offered in the various engineering disciplines provide the student a broad education with sufficient technical background to contribute effectively in many phases of engineering not requiring the depth of knowledge needed for advanced design or research. The baccalaureate degree is considered the minimum educational credential for participating in the engineering profession and is the first professional degree. Students interested in design and research are strongly encouraged to pursue advanced work beyond the baccalaureate either at this or other institutions. It is evident that large segments of today's engineering professionals are involved in some form of post baccalaureate study. Engineers are earning advanced degrees to obtain the information and training necessary to meet effectively tomorrow's technological challenges. All are faced with the continuing problem of refurbishing and updating their information skills and most are obtaining advanced information by means of formal graduate study, seminars, special institutes and other such systems designed for this purpose. *Life-long learning is a fact in engineering practice, and graduates must be aware and committed to it.*

The Bachelor of Science degree program in a designated engineering discipline and the Master of Science degree in the same discipline may be pursued simultaneously in a program called the Five-Year Program.

Professional Registration

Students who have attained senior status, and are in good academic standing in an ABET accredited Engineering Program, are eligible to register for examinations leading to licensure as Professional Engineers. The first examination, called the Fundamentals of Engineering (FE) Exam, is offered by the Florida Board of Professional Engineers and is usually taken the semester prior to graduation. In addition to the knowledge acquired through the engineering curriculum, many students take advantage of review courses offered by the Engineering Student College Council and the College of Engineering's distance education program, FEEDS, to prepare for the Fundamentals of Engineering Examination. Registering for the FE exam during the senior year is strongly encouraged for students graduating with an engineering degree.

Preparation for Engineering

Students planning to attend USF's College of Engineering should familiarize themselves thoroughly with the College's admissions standards and requirements for their prospective program, which are more stringent than the University's minimum entrance requirements.

The high school student anticipating a career in engineering should elect the strongest academic program that is available while in high school, including four years each of English, mathematics and science (preferably including Chemistry, Physics, and Biology), as well as full programs in the social sciences and humanities.

Prospective students considering engineering at the University of South Florida who lack certain preparation in high school must elect to follow a program to overcome their deficiencies. Alternatives for these students, classified as "Pre-Engineering majors" might include preparatory coursework at the University of South Florida or community colleges that offer a wide range of preliminary coursework.

Junior/community college students planning to transfer to the University of South Florida's engineering program from a State of Florida operated college or university should follow a pre-engineering program leading to an A.A. degree. All transfer students should complete as much of the mathematics and science coursework as is available to them. *In general, engineering courses taken for military training, at the lower level, or as part of an A.S. or technology degree are not transferable to the engineering programs.* Transfer students should be aware that the College expects them to meet departmental admission requirements just as it expects its own students to meet these requirements. Junior/community college students intending to pursue an engineering program at USF should contact the advisor at their institution and request a course equivalency list.

The College of Engineering can assist students who are planning to obtain an Engineering degree from the University of South Florida and who have started their studies elsewhere in formulating a sound total program. Interested students should contact the College's Office of Student Services (813/974-2684) furnishing sufficient details to permit meaningful response.

College Computing Facilities

The College provides access to centralized computing facilities to undergraduate and graduate students. Most engineering departments also provide students with local facilities. The University is an Internet2 site and links are available to directly connect to all major supercomputing centers in the country.

The College provides enterprise level servers for computing, mail, file, web and database services for students and faculty. The College operates several computer open-access labs for student use. These labs are equipped with a large number of modern (Dell) PCs and Unix workstations (Sun Ultra 5). All lab computers have all of the necessary software required for coursework as well as other standard productivity software. The College also supports a state-of-the-art multi-media lab with document scanners and CD-ROM burner.

Laboratory computers provide the software required for coursework and research. Standard programming languages such as FORTRAN, Basic, Pascal, C, C++ and Java are provided on these machines. General-purpose software such as MS Office, MS visual studio and specialized engineering software including mathematical packages (MathCad, Matlab, Maple, Macsyma, TK Solver), statistical package (SAS), discipline specific application packages such as Abaqus, Ansys, ARENA, Aspen, Cadence and Labview are provided on Unix and Windows platforms on the network and in the labs. Several database management system software packages such as Oracle, MySQL, MSSQL and MS Access are available for classwork. Multi-media software packages such as MS

FrontPage, Adobe Acrobat, Illustrator, Photoshop, Omni Page Pro, Paint Shop Pro, Macromedia Dreamweaver and Flash are available in the multi-media lab. The university has also entered an agreement with Microsoft Corporation for upgrade of standard office application, development tools and desktop operating systems.

The college-wide Ethernet network is connected to the USF campus-wide Gigabit Ethernet backbone. Within the College connections are provided to laboratories via 100 Mbps Ethernet. The university's Internet2 connection links it to more than 150 major universities and research institutions in the nation. Dial-in access is available to students from a large USF modem bank as well as through broadband connection.

Student Computer Recommendations

It is strongly recommended that engineering students obtain a laptop (suggested) or desktop computer prior to the semester in which specialization courses commence. The recommended computer configuration for engineering applications is indicated on the College web page <http://www2.eng.usf.edu/>. For further details, contact the Associate Dean of Engineering or the Director of Engineering Computing in the College.

Cooperative Education and Internship Programs

A wide variety of industries and government agencies have established cooperative programs for engineering students to provide them the opportunity to become familiar with the practical aspects of industrial operations and engineering careers. Students in the Career Resource Center's Cooperative Education (Co-op) program may alternate periods of paid employment in their major field with like periods of study, or may elect to participate in part-time employment while attending classes every semester. Students following the Co-op program usually encounter no problems in scheduling their program, since required Social Science and Humanities, Mathematics and Science, and Engineering Common courses are offered every semester. Students normally apply for participation in this program during their sophomore year and pursue actual Co-op employment during their sophomore and junior years. The senior year is generally pursued on a full-time study basis, since many specialization courses are not offered every semester. The students receive a Cooperative Education Certificate upon successful completion of a minimum of two work assignments.

Engineering Students in the University Honors College

Engineering students participating in the University Honors Program are able to complete their Engineering Bachelors degree in four years. Many enter the 5 Year program in the fourth year to pursue the combined Bachelors and Masters programs in Engineering. Students who qualify for the Honors Program at USF should contact the Honors College or Engineering Student Services to learn about the benefits of this prestigious program.

Army, Air Force & Navy R.O.T.C. For Engineering Students

The academic and technological knowledge an engineering degree provides is a distinct advantage to individuals interested in a military appointment or career. This is especially true for those participating in one of the ROTC programs at USF. The Engineering degree requirements, combined with ROTC requirements, may require five years to complete.

Five-Year Programs Leading to the Bachelor and Master of Science Degrees in Engineering

Students who, at the beginning of their senior year, are clearly interested in graduate study are invited to pursue a Five-Year Program of study leading simultaneously to the Bachelor of Science and Master of Science in Engineering. The five-year program includes a two-year research program extending through the fourth and fifth year.

Undergraduate Admission to the College of Engineering

Students may apply to the College of Engineering upon initial entry to the University by declaring Engineering as their intended major on their admissions application. When a student is accepted to USF, engineering staff will review the necessary credentials and notify the applicant of his or her Engineering status.

USF students may apply through the Office of Engineering Student Services. To be considered for admission to the College, an applicant must be accepted by the University as a degree-seeking student and be in good standing academically.

College of Engineering Admission Requirements

Students meeting or exceeding the below criteria are granted direct entry to the College. Others are classified "Pre-Engineering." Pre-Engineering students are fully admitted to the College after satisfactorily completing Calculus I and II and Physics I and II with labs. Additional requirements must be met prior to admission to specific degree programs.

1. Freshmen:
 - a. Test Scores:
 - SAT—combined score of 1150 minimum with a minimum quantitative of 550.
 - ACT—combined score of 25 minimum and mathematics of 25 minimum.
 - b. High School Mathematics: Should include sufficient algebra and trigonometry to enter Engineering Calculus I.
 - c. High School Grade Point Average of 3.0/4.0.
2. Transfer Students:
 - a. Engineering
 - Florida community college transfer students that have completed the courses shown below with a minimum grade of "C" are accepted directly into the College of Engineering. Additional requirements must be met prior to admission to specific degree programs.

Communications:

ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:

Humanities Courses (6)

Social Science Courses (6)

Humanities or Social Sciences (3)

Mathematics:

USF

MAC 2281

MAC 2282

MAC 2283

MAP 2302

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:

USF

CHM 2045

CHM 2045L

PHY 2048

PHY 2048L

PHY 2049

PHY 2049L

*or CHS 1440 Chemistry for Engineers

C/C

MAC 2311* (4)

MAC 2312* (4)

MAC 2313* (4)

MAP 2302 (3)

C/C

CHM 1045* (3)

CHM 1045L* (1)

PHY 2048 (3)

PHY 2048L (1)

PHY 2049 (3)

PHY 2049L (1)

b. Computer Science

Transfer students into the Computer Science program from a Florida community college are not required to have MAP 2302 or the Chemistry course indicated above.

c. Information Systems

Transfer students into the Information Systems program from a Florida community college are not required to have MAP 2302 or Calculus III or the Chemistry course indicated above.

All other transfer students should contact the College's Admission Office (813/974-2684).

Transfer Credit

The USF College of Engineering will accept transfer credit when appropriate if the transferred course has been passed with a grade of "C" or better. In some cases credit for a course may be granted, but the hours accepted may be less than the hours earned at another school.

While credit work from other institutions may be granted subject to the conditions of the previous paragraph, the last one-quarter credits, that includes a *minimum* number of semester hours of engineering coursework specified by the degree-granting department, must be taken at USF to receive the baccalaureate degree. The College of Engineering's Associate Dean for Academics must approve exceptions.

Transfer credit evaluation is conducted in the Office of Engineering Student Services. Transfer students should be prepared to submit College catalogs and course syllabi from the previous institution if requested.

In general, engineering and technology courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the College of Engineering.

Required Prerequisites for Entering Engineering programs

Once a student has been admitted to the College of Engineering, he/she must then seek admission into one of the academic departments. Departmental admissions requirements vary by program. Students considering transferring to USF should familiarize themselves with the requirements for their intended department as early as possible. Students admitted to the University of South Florida and the College of Engineering must qualify for the program of their choice by completing the courses and successfully meeting the GPA criteria detailed below. Unless otherwise stated, the minimum acceptable grade in math and science prerequisites is a C (C- is insufficient). Minimum acceptable grades for math, science and engineering courses, as they pertain to specific degree programs are defined by the academic departments. Students are *strongly encouraged to familiarize themselves with departmental guidelines*.

Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Individual departments may have continuation requirements.

The Department of Chemical Engineering

Bachelor of Science in Chemical Engineering:

- Completion of
 - MAC2311 or MAC2281, MAC2312 or MAC2282, MAC2313 or MAC 2283
 - PHY2048, PHY2048L, PHY2049, PHY2049L
 - CHM2045, CHM2045L
 with a minimum grade of C in each course.
- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

146 COLLEGE OF ENGINEERING

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

The Department of Civil and Environmental Engineering

Bachelor of Science in Civil Engineering:

- Completion of
MAC2311 or MAC2281, MAC2312 or MAC2282,
MAC2313 or MAC 2283
PHY2048, PHY2048L, PHY2049, PHY2049L
CHM2045, CHM2045L
with a 2.3 GPA (based on best attempt) in these prerequisites
- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

The Department of Computer Science and Engineering

Bachelor of Science in Computer Engineering and Bachelor of Science in Computer Science

Admission to the Department as a Pre-CSE student requires

- Completion of
ENC1101, ENC1102
MAC2311 or MAC2281, MAC2312 or MAC2282
PHY2048, PHY2048L, PHY2049, PHY2049L
with a 3.0 GPA (based on best attempt in these courses)
and a minimum grade of C in each course.
- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

*Admission to one of the three major degree tracks is granted
by also meeting the following continuation requirements*

- Completion of CDA3103 and COP3514 with a minimum
grade of C and a GPA of 3.0, based on all attempts in these
two courses
- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

Bachelor of Science in Information Systems

Admission to the Department as a Pre-CSE student requires

- Completion of
ENC1101, ENC1102
MAC2311, MAC2281 or MAC2241,
MAC2312, MAC2282 or MAC2242,
PHY2048 and PHY2048L or PHY2053 and PHY2053L
PHY2049 and PHY2049L or PHY2054 and PHY2054L
with a 3.0 GPA (based on best attempt in these courses) and
a minimum grade of C in each course.
- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

*Admission to one of the three major degree tracks is granted
by also meeting the following continuation requirements*

- Completion of CDA3103 and COP3514 with a minimum
grade of C and a GPA of 3.0, based on all attempts in these
two courses
- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

The Department of Electrical Engineering

Bachelor of Science in Electrical Engineering:

- Completion of
MAC2311 or MAC2281, MAC2312 or MAC2282,
MAC2313 or MAC 2283
PHY2048, PHY2048L, PHY2049, PHY2049L
CHM2045, CHM2045L
with a minimum grade of C in each course and a 2.25 GPA
based upon all attempts in these courses.
- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

The Department of Industrial and Management Systems Engineering

Bachelor of Science in Industrial Engineering:

- Completion of
MAC2311 or MAC2281, MAC2312 or MAC2282

MAC2313 or MAC 2283

PHY2048, PHY2048L, PHY2049, PHY2049L

CHM2045, CHM2045L

with a minimum grade of C in each course.

- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

The Department of Mechanical Engineering

Bachelor of Science in Mechanical Engineering:

- Completion of
MAC2311 or MAC2281, MAC2312 or MAC2282,
MAC2313 or MAC 2283
PHY2048, PHY2048L, PHY2049, PHY2049L
CHM2045, CHM2045L
with a 2.3 GPA (based on best attempt) in these prerequi-
sites .
- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

FIVE-YEAR PROGRAMS LEADING TO BACHELORS AND MASTERS DEGREES IN ENGINEERING

Students who, at the beginning of their senior year, are clearly interested in graduate study are invited to pursue a Five-Year Program of study leading simultaneously to the Bachelor of Science in Engineering or Engineering Science and Master of Science in Engineering or Engineering Science degrees. The general basis of the five-year program includes

1. A two-year research program extending through the fourth and fifth year.
2. The opportunity of taking some graduate courses during the fourth year and deferring the taking of some senior courses to the fifth year.
3. Up to six credit hours, to be determined by program, may be counted toward both degrees.

Students apply for admission to this program through their departmental advisor. Admissions requirements vary by department. The college-wide minimum requirements are:

1. Senior standing (90 credits) with at least 16 upper level engineering credits completed at the University of South Florida with a 3.3 GPA.
2. A minimum score of 1000 on the verbal and quantitative portions of the Graduate Records Examination.
3. Above-average performance in the chosen Engineering program.

Engineering Advising

Effective pursuit of engineering and engineering related studies requires careful attention to both the sequence and the type of courses taken. The engineering curriculum differs in key respects from the study plans of other majors—even in the freshman year.

New students must attend the University's Orientation program. They will be introduced to the engineering advisors during this program and receive advisement for their first semester.

The student and advisors jointly work out a plan of study that meets both the student's career objectives and the College of Engineering's degree requirements. The advisors maintain the College of Engineering student's records.

Students not yet meeting departmental admissions requirements are advised by the general engineering advising office.

While the College provides advising services to assist students with academic planning, *the responsibility for seeing that all graduation requirements are met rests with the students.*

The College of Engineering requires all undergraduates to apply for graduation the semester prior to the anticipated graduation term. Necessary forms and instructions can be obtained in the Engineering Student Services Office or from their departmental advisor.

Advising Offices

Tampa Campus: TECO Energy Hall, Room 1302, (813) 974-2684.

Sarasota Campus: Palmer "C" Building (PMC), Room 101, (941) 359-4331/4330.

Lakeland Campus: Student Services Office (LLC), Room 2100, (863) 667-7071

Preliminary Coursework for Engineering Students

The College of Engineering Bachelor of Science programs are founded on a set of coursework that is designed to give each student a thorough foundation of knowledge on which specialization studies and a professional career can be based. Emphasis is placed on three key elements; development of communication skills, familiarity with the social sciences and humanities and a solid base in science and mathematics.

Each degree-granting department has developed a list of courses to provide key elements for the degree offered. While the specific courses will vary slightly from one department to another, the categories are as follows:

General Education Courses
Mathematics, Chemistry and Physics
Engineering Courses
Department Specialization

Special course requirements exist for Chemical Engineering, Computer Engineering, Computer Science, and Information Systems. Students selecting any of these disciplines should be aware of their specific requirements. Students may consult the College's Advising Office for detailed information.

The Engineering undergraduate student must not only be a technically competent individual but a person who can understand, adjust and contribute to the social environment.

Students who transfer from a State of Florida community college with an Associate of Arts will find their General Education coursework satisfies the USF General Education Requirements.

All Engineering students, except those completing a second bachelor's degree, must complete the USF Exit Requirements. The Literature and Writing portion can be met by completing ENC 3211 Communication for Engineers. The three-hour Major Works/Major Issues requirement is integrated into the senior year curriculum.

1. University Liberal Arts Requirements

All students are required to take 42 semester hours to complete the University liberal arts requirements. Thirty-six (36) semester hours will satisfy the general education course requirements and 6 semester hours will satisfy the exit requirements. These requirements are distributed as follows:

General Education Requirements*	Semester Hours
English Composition	6
Quantitative Methods	6
Natural Sciences	6
Social Sciences	6
Historical Perspectives	6
Fine Arts	3
African, Latin American, Middle Eastern or Asian Perspectives	3
	<u>36</u>
Exit Requirements* (Must be taken at USF)	
Major Works and Major Issues	3
Literature and Writing	3

*Courses may be certified in more than one area, but students may use each course in **only** one (1) area.

In addition, 12 hours considered Gordon Rule Communication (6A) courses must be completed. For Engineering students, these are ENC 1101, ENC 1102, ENC 3211, and one

more. The fourth course is selected from any general education or departmental courses that have been certified Gordon Rule Communication (6A) by the USF Undergraduate Council.

Courses in the liberal arts requirements should incorporate the following components whenever they are relevant to the specific discipline: the learning skills of conceptual thinking, analytical thinking, creative thinking, written expression, oral expression, and the dimensions of values and ethics, international perspectives, environmental perspectives, race and ethnicity, and gender. When warranted by the subject matter, each course must incorporate consideration of at least one of the dimensions and one of the thinking skills to meet the liberal arts requirements.

Departments should ensure that courses proposed for the liberal arts have sufficient depth and breadth. These courses will share the substantive rigor and intellectual challenge of courses offered for major credit, with the specific feature of offering an integrative perspective of the discipline and its relationship to academia as a whole. Additionally, such courses will encourage majors to interact with students from other disciplinary backgrounds.

2. Mathematics and Science Core Requirements

For students in the engineering programs, the mathematics coursework consists of a Calculus for Engineers sequence (or a calculus sequence of equivalent level), Differential Equations, and additional hours of designated courses supportive of the student's selective field of specialization, as specified by the department. Science coursework includes the Physics with Calculus sequence and General Chemistry course(s) depending on the degree-granting program.

Students whose high school preparation is insufficient to enter the Calculus for Engineers are required to take supplementary algebra and trigonometry prior to being considered for acceptance into the College.

Grading Policies

1. S/U GRADING POLICY

Students pursuing College of Engineering degree programs are expected to take their courses on a graded basis. Please refer to the grading system in the Academic Policies and Procedures section of this catalog. S/U grading option must be requested during the first week of classes. Courses taken on an S/U basis are not applicable to the College's degree programs. Exceptions require written approval of the department advisor prior to registration.

2. I GRADE POLICY

The criteria for requesting and time limit for completing a grade of "I" (incomplete) are detailed in the University's Academic Policies and Procedures portion of this Catalog. A written agreement detailing the specific requirements and time limit for completion is required in some departments and recommended in all others.

Full tuition must be paid and an audit form must be submitted to the Registrar's Office by the end of the first week of classes if a student wishes to attend the course again to review the material. If a student registers for the course but does not request to audit the course, a grade will be submitted for the subsequent registration and the I grade will be converted to an IF. In this case, the student may choose to apply grade forgiveness.

3. Minimum Acceptable Grade in Required Courses

Unless otherwise stated, the minimum acceptable grade in math and science prerequisites is a C (C- is insufficient). Minimum acceptable grades for engineering, math and science courses, as they pertain to specific degree programs, are defined by the academic departments. Students are *strongly*

encouraged to familiarize themselves with departmental guidelines.

Continuation and Graduation Requirements

1. Minimum GPA Requirements

To meet graduation and continuation requirements all undergraduate Engineering students must maintain a minimum cumulative GPA of 2.0 in the following categories:

- 1) Overall Undergraduate GPA
- 2) USF GPA
- 3) GPA* in Math and Science courses required for the curriculum
- 4) Engineering Courses
- 5) Specialization Courses

*Note: The Math Science GPA is based upon the best attempt. Other categories include all attempts, unless grade forgiveness has been applied. In no case will the minimum GPA for a category be less than 2.0.

Students who do not maintain the required minimums of the program pursued in each category are ineligible for further registration in the College unless individually designed continuation programs are recommended by the student's academic advisor and approved by the department undergraduate coordinator or the Director of Admissions & Advising and the Engineering Associate Dean for Academic Affairs or his designee. All students who are academically dismissed from the University will be denied readmission to the College of Engineering unless they meet admission requirements in effect at the time readmission is sought and are recommended for readmission by the department and the Associate Dean for Academic Affairs.

2. English Requirement

Students evidencing an English deficiency will be required to initiate the necessary corrective programs, with the assistance of their advisors. It is recognized that such deficiencies can exist even though a student has met the University's minimum English requirements. Correction of any deficiency must commence the term after a student has been notified and must be completed prior to recommendation of the student for graduation by the faculty of the College.

3. Mathematics Requirement

Students evidencing a lack of the ability to apply mathematics will be required to take remedial coursework beyond their regular degree requirements. Faculty of the College who encounter students who are deficient in their mathematical ability will refer such cases to the Advising Office even if passing grades have been obtained in the math prerequisites for engineering.

4. Residency Requirement

Transfer students must complete a minimum number of specialization courses in the USF degree granting department. The minimum number of USF specialization credit hours required is established by the respective academic department. In no case will this be less than 18 hours. The University residency requirement of 30 USF hours must also be met. General engineering courses are not considered specialization courses.

5. Satisfactory Progress and Years to Degree

Students who register for a course three times without receiving a grade of "D" or better (i.e., receive grades of D-, F, or W) will be denied further enrollment in the College of Engineering unless written permission is obtained from the Department Chairperson and the College Associate Dean for Academic Affairs.

The College of Engineering requires that a student complete the baccalaureate degree within five years after beginning

engineering specialization courses. Specialization courses taken more than five years prior to graduation will not be counted toward the degree. Exceptions may be granted by the Academic Department.

6. Disruption of Academic Process and Academic Dishonesty

The College of Engineering will maintain an environment that encourages all to study and conduct engineering research free from undue disruption. Disruption of the Academic Process is a matter the College is obliged to report to Student Judicial Services. Academic dishonesty, in any form, is taken very seriously by the College of Engineering and will result in sanctions. The most serious penalty is dismissal from the University. (See University policies regarding academic dishonesty.)

7. Grievance Procedure

Students should make themselves fully aware of the University's grievance procedures. (See University policies regarding grievance procedures.)

8. University, College and Program Requirements

The College requirements described in the section above are in addition to requirements set forth in the University policy and procedures section and the departmental sections of this catalog. It is the student's responsibility to complete all university, college, program and curricular requirements prior to graduation.

9. Graduation Application Procedures and Deadlines

Each engineering student is required to complete an application for graduation and check list. Students should schedule an appointment with the Department Undergraduate Coordinator to review graduation qualifications and obtain departmental signatures well in advance of the College graduation application deadline. Approved applications must be submitted to the College of Engineering Advising Office the term prior to the semester in which graduation is sought. Graduation applications are due on the dates indicated below.

August 1st for Fall Graduation
November 1st for Spring Graduation
April 1st for Summer Graduation

10. Fundamentals of Engineering Examination

Taking the Fundamentals of Engineering Exam prior to graduation is required in some departments and strongly encouraged in others. (See the Office of Engineering Student Services for applications and information.)

Certificate Programs

Several formalized engineering certificate programs, at the undergraduate and graduate levels, have been developed to provide qualified individuals an opportunity to enhance their degrees prior to graduation or to engage in discipline related continuing education.

Certificate in Biomedical Engineering

Biomedical Engineering is a highly interdisciplinary field where basic engineering principles are applied to problems in the biomedical sciences. Typical specific areas of interest include: understanding basic biochemical and physiological processes, designing and analyzing medical diagnostics and procedures, evaluation and design of health care systems and facilities, design and valuation of prosthetic devices, an general biomedical product development. The College of Engineering offers an undergraduate Enhancement Certificate in Biomedical Engineering. There are two main purposes for the certificate program 1) to accommodate students interested in entering medical school following graduation (this program

satisfies most of the typical minimal admission standards for medical school); and 2) to prepare students for graduate education program, drawing from all engineering disciplines, biology, physical sciences, biomedical and clinical sciences. Undergraduate students anticipating graduate studies in the bioengineering area (or related fields such as medicine) are strongly encouraged to gain research experience as part of their program. Research possibilities exist in Engineering, the Health Sciences Center, Public Health, and Arts and Sciences.

The Certificate in Biomedical Engineering provides students an opportunity to get an introduction to a rapidly developing field of study and to receive recognition for their endeavors. Students in the program must fulfill all the requirements for an Engineering undergraduate degree, such as Bachelor of Science in Chemical Engineering and also meet the additional requirements of the Certificate program. Enrollment is through the Department of Chemical Engineering.

Certificate in Technology Management

A post baccalaureate student may enhance their professional achievement by completing a Certificate in Technology Management. The required fifteen (15) semester hours in five (5) courses will enhance students' ability to succeed in a highly competitive global environment. This certificate is designed for individuals with technical backgrounds. Qualitative approaches with quantitative methods are emphasized to strengthen technical credentials and while developing managerial competencies. This program is offered by the Department of Industrial and Management Systems Engineering on the Tampa Campus or online via FEEDS.

Certificate in Total Quality Management

An undergraduate student, or graduate engineer, may enhance their professional achievement by receiving a Certificate in Total Quality Management. The student must satisfactorily complete five courses (15 credit-hours beyond the BS degree) of the eight courses in Total Quality Management. Enrollment is through the Department of Industrial and Management Systems Engineering.

Certificate in Materials Science and Engineering

The Materials Science and Engineering certificate requires 15 credit hours of theoretical and applied materials courses. The Materials Science and Engineering Certificate is designed to provide students with an opportunity to gain a focused introduction into a dynamic and explosively growing technological field. The certificate has been designed to be as flexible as possible thus allowing students from different disciplines to take advantage of the program. Enrollment is through the Department of Chemical Engineering.

Certificate of Wireless Engineering

This Certificate provides post-baccalaureate students with studies in engineering techniques of modern wireless circuits, antennas, and communication systems. Students must have successfully completed an undergraduate course in Electromagnetics. The candidate should also have an earned B.S. in Electrical Engineering or Computer Engineering. Any other degree tract must meet the Electrical Engineering department's approval.

Certificate of Enhancement

The Certificate of Enhancement in (a designated engineering discipline) provides students an opportunity to gain an enhanced experience in their chosen field while pursuing an engineering degree and to permit them to receive recognition for the same requirements. At the present time, each department may offer a certificate of enhancement in the designated discipline. These include the Certificates of Enhancement in Chemical Engineering, Civil & Environmental Engineering, Computer Science, Computer Engineering, Electrical Engineering, Industrial and Management Systems Engineering,

Information Systems and Mechanical Engineering. In addition, there are two specialized Certificates of Enhancement in Transportation Engineering and Wireless Engineering.

Requirements:

1. Enrolled in a Bachelor of Science degree program in a specified engineering discipline.
2. A minimum of 15 hours of additional elective courses, not included as a part of the B. S. degree, from an approved list. Courses must be taken on a letter-grade basis, and a minimum of 9 hours must be in engineering courses.
3. A G.P.A. of 2.0 or greater for the additional hours.
4. The student must receive the engineering degree to receive the Certificate of Enhancement.

Please contact the appropriate department undergraduate coordinator to be accepted in the program.

FOUR-YEAR PROGRAMS LEADING TO A BACHELOR OF SCIENCE DEGREE IN A DESIGNATED ENGINEERING FIELD

These engineering degrees are awarded upon successful completion of a program consisting of the required areas of coursework. Programs are offered in the following disciplines of Engineering:

• CHEMICAL ENGINEERING

Undergraduate Degree Offered:

Bachelor of Science in Chemical Engineering (B.S.C.H.)

Graduate Degrees Offered:

Master of Science in Chemical Engineering (M.S.C.H.)

Master in Chemical Engineering (M.C.H.E.)

Master of Engineering (M.E.)

Master of Science in Engineering (M.S.E.)

Doctor of Philosophy in Chemical Engineering (Ph.D.)

Doctor of Philosophy in Engineering Science (Ph.D.)

This department offers coursework and study in all areas fundamental to Chemical Engineering. Engineering specialization courses, together with mathematics, physics, chemistry, other interdisciplinary engineering fundamentals, and liberal arts courses, provide the basis for long-range professional progress. Because of the many professional areas available for employment to the chemical engineer, the students are also required to take a number of electives from areas such as biotechnology, materials, and environmental engineering. These electives are designed to broaden the experience and, therefore, the employment possibilities of our graduates. The Chemical Engineering Department also offers a sequence of courses in Chemical Engineering Science, biotechnology and biomedical engineering.

A sequence of courses in the engineering aspects of biotechnology is currently available within the Chemical Engineering program. Topics include applied microbiology, fermentation, enzyme technology, cell separation technology, biomedical engineering, biomaterials, biotechnology, and biomechanics.

Students pursuing the Bachelor of Science in Chemical Engineering take coursework in advanced chemistry, thermodynamics, fluids, heat, and mass transfer, numerical methods, separation processes, reacting systems, instrumentation, control, and plant design. Students must also satisfactorily complete a design project as part of their program. Students seeking the Biotechnology/Biomedical Certificate are also required to take additional courses in general biology, microbiology, and biochemistry. Chemical engineering students must maintain a GPA of 2.0 in required departmental courses. Therefore, it is imperative that the students retain close contact with their advisor.

150 COLLEGE OF ENGINEERING

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Students completing this program normally initiate their careers in manufacturing, environmental, and biological enterprises. Chemical engineers are found in administrative, technical, and research positions in these industries. Main products of these industries are petrochemicals, polymers, fibers, natural and synthetic fuels, electronic materials, fertilizers, pharmaceuticals, bio-materials, etc.

Solutions of modern societal and scientific problems often require the use of chemical engineering skills. Chemical engineering students must have access to a personal computer during their last two years of study. Those who do not own one will be severely disadvantaged.

Mission Statement

The mission of the Department of Chemical Engineering is to provide fundamental knowledge and contemporary skills for the development, economic design, and safe operation of chemical processes in a manner compatible with societal values.

Program Education Objectives

1. Our graduates will be able to apply engineering and scientific principles to the development, economic design, and safe operation of chemical processes in a manner compatible with societal values.
2. Our graduates will be able to build upon their undergraduate education, expanding and adapting their knowledge and skills in their chosen career path.
3. Our graduates will be able to function as professionals, working both as individuals and as team members striving towards common objectives, communicating effectively and following appropriate ethical standards in the process.
4. Our graduates will be able to be productive members of society in general as a result of their technical abilities combined with their broad exposure to the humanities and awareness of societal and global issues.

Departmental Policies

In addition to the College's graduation requirements, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.

Four-Year Curriculum - Chemical Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the University's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Students qualify for direct entry to their intended department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Communications:

ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:

Humanities Courses (6)

Social Science Courses (6)

Humanities or Social Sciences (3)

Mathematics:

USF

MAC 2281

MAC 2282

MAC 2283

MAP 2302

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:

USF

CHM 2045

CHM 2045L

PHY 2048

PHY 2048L

PHY 2049

PHY 2049L

*or CHS 1440 Chemistry for Engineers

C/C

MAC 2311* (4)

MAC 2312* (4)

MAC 2313* (4)

MAP 2302 (3)

C/C

CHM 1045* (3)

CHM 1045L* (1)

PHY 2048 (3)

PHY 2048L (1)

PHY 2049 (3)

PHY 2049L (1)

Chemical Engineering Admissions Requirements

Students must have completed the equivalent USF Engineering Calculus General Physics and Chemistry courses with a C or better in each course; must have a USF and an overall GPA of 2.0 or better.

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I

ENC 1101	Composition I	3
MAC 2281	Engineering Calculus I	4
CHM 2045	General Chemistry I	3
CHM 2045L	General Chemistry I Lab	1
EGN 3000	Foundations of Engineering	1
ALAMEA Perspectives Elective		3
EGN 2080	Light & the Arts (or other Fine Arts Elective)	3
Total		18

Semester II

ENC 1102	Composition II	3
MAC 2282	Engineering Calculus II	4
CHM 2046	General Chemistry II	3
CHM 2046L	General Chemistry II Lab	1
PHY 2048	General Physics I	3
PHY 2048L	General Physics I Lab	1
Total		15

Semester III

CHM 2210	Organic Chemistry I*	3
CHM 2210L	Organic Chemistry I Lab*	2
MAC 2283	Engineering Calculus III	4
PHY 2049	General Physics II	3
PHY 2049L	General Physics II Lab	1
EGN 2031	History of Technology (or other Historical Perspectives Elective)	3
Total		16

*or BSC 2010 and BSC 2010L if the 3 hr science elective is replaced by 4 hours of advanced biology that has been approved by the department.

Semester IV

EGN 3433	Modeling & Analysis of Engineering Systems	3
or		
MAP 2302	Differential Equations	3
EGN 3343	Thermodynamics	3
CHM 2211	Organic Chemistry II	3
CHM 2211L	Organic Chemistry II Lab	2
ENC 3211	Communications for Engineers (6A L&W)	3
Total		14

Summer

EGN 3433	Engineering Statistics	3
EGN 2082	History of Electrotechnology (or other Historical Perspective Elective)	3
Social Science Elective		3
Total		9

Semester V

ECH 3023C	Process Engineering I	4
ECH 3023L	Chemical Engineering Lab I	1
ECH 4264	Transport Phenomena	4
ECH 3702	Instrument Systems	3
ECH 4123	Chemical Engineering Thermo	3
Total		15

Semester VI

ECH 4824	Introduction to Materials Science	3
ECH 4265C	Process Engineering II	4
ECH 4265L	Chemical Engineering Lab II	1
ECH 4845	Quantitative Methods	3
	Chemical Engineering Elective	3
Total		14

Semester VII

ECH 4415C	Process Engineering III	4
ECH 4415L	Chemical Engineering Lab III	1
ECH 4605	Strategies in Process Engineering	3
ECH 4323C	Automatic Controls I	4
ECH 4936	Undergraduate Seminar	1
EGN 3615	Engineering Economics with Social & Global Implications (or other Social Science Elective)	3
Total		16

Semester VIII

ECH 4615	Plant Design (MW/MI)	3
	Chemical Engineering Elective	8
Natural Science Elective		3
Total		14

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC 3211 and by selecting one technical or general education elective that is an approved 6A communication course or by completing an AA degree at a Florida Community College.

Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC3211 and ECH4615.

Biomedical Engineering Minor

This biomedical engineering minor is a 15 credit hour program that is open to all engineering majors and other students that meet the prerequisites listed below. For engineering majors, at least 9 hours beyond the B.S. in any Engineering discipline must be completed for the biomedical engineering minor. Student must register with the Department of Chemical Engineering undergraduate advisor prior to starting this minor program. Departments within the College of Engineering are currently developing additional courses that will be added to the list of courses that can be applied to this

minor, so consultation with the advisor will insure that students are informed of all offered courses.

Prerequisite courses:

1. Biology I: BSC 2010
2. Calculus II: MAC 2282, MAC 2242, MAC 2233 or MAC 2312
3. Physics II: PHY 2049 or PHY 2054
4. General Chemistry II: CHM 2046

Required Courses (6 hours)

ECH 4931	Special Topics: Introduction to Biomedical Engineering	3
ECH 4751	Engineering of Biological Systems	3

The remaining 9 credit hours can be taken from the following list:

ECH 4931	Special Topics: Bioseparations	3
ECH 4931	Special Topics: Chem/Bio Sensors & Microfab	3
PHY 4936	Selected Topics: Applications of Physics to Biology and Med. I	3
PHY 4936	Selected Topics: Applications of Physics to Biology and Med. II	3
BCH 3023	Introductory Biochemistry	3
EIN 4313C	Human Factors	3
ECH 5740	Theory and Design of Bioprocess	3
EIN 5245	Work Physiology/Biomechanics	3
ECH 5747C	Selected Topics: Pharmaceutical Engineering & Manufacturing	3
ECH 5748	Selected Topics: Legal Issues in Biomedical Engineering	1
ECH 5748	Selected Topics: Bioengineering Regulatory & Work Issues	2
ECH 5748	Selected Topics: Biomedical Fluids	1
ECH 5748	Selected Topics: Sensory Systems	2
BME 5748	Selected Topics: Clinical Biomechanical Research Methods	3

• CIVIL AND ENVIRONMENTAL ENGINEERING*Undergraduate Degree Offered:*

Bachelor of Science in Civil Engineering (B.S.C.E.)

Graduate Degrees Offered:

Master of Science in Civil Engineering (M.S.C.E.)

Master of Science in Engineering (M.S.E.)

Master of Science in Environmental Engineering (M.S.E.V.)

Master of Civil Engineering (M.C.E.)

Master of Engineering (M.E.)

Master of Environmental Engineering (M.E.V.E.)

Doctor of Philosophy in Civil Engineering (Ph.D.)

Doctor of Philosophy in Engineering Science (Ph.D.)

This department offers course work and study pertinent to Civil Engineering, Engineering Mechanics, Material Science, and Environmental Engineering. Areas of concentration are structural engineering, engineering mechanics, geotechnical engineering, transportation engineering, water resources engineering, materials and corrosion engineering, and environmental engineering.

Students completing the program may enter the profession as engineers in civil, structural, geotechnical, transportation, water resources, environmental, hydraulics, or materials disciplines. All of these disciplines share the need for knowledge in the areas of engineering mechanics, civil engineering, material science, and environmental engineering. Through choice of the proper area of concentration, a student has the opportunity to channel academic studies specifically towards his/her career choice.

Graduates of the program may commence their engineering careers in either industry, engineering consulting firms, or public service at the federal, state, or local level. Initial assignments may include planning, design and implementation of

water resources systems; planning and design of transportation and housing systems; regional planning, design, and management for abatement of air, water and solid waste pollution problems; design of bridges and single and multi-story structures; and supervision of construction projects.

Mission Statement

The mission of the Department of Civil and Environmental Engineering is

1. to provide a quality educational experience for all students, both undergraduate and graduate, at the level of the top ranked universities in the nation;
2. to develop new knowledge, processes, or procedures through research which will benefit mankind; and
3. to provide service through professional activities.

Undergraduate Program, Vision and Guiding Principles

The Department will provide our undergraduate students with a strong, broad-based, engineering education that gives them the basic intellectual and organization skills that allow them to work with complex systems with technological, social, and environmental components. As many of our students begin work upon graduation in industry or with governmental organizations, the curriculum is designed to prepare our students for these roles by requiring a number of courses in the various fields of civil engineering and by providing limited specialization in one given area. The curriculum is designed to encourage lifelong learning and to prepare students for undertaking advanced studies in engineering or in other professional areas.

Undergraduate Educational Objectives

1. The Department will provide undergraduate students with the strong technical education needed for a career in civil engineering.
2. The Department will provide undergraduate students with an education that prepares them to perform effectively in the workplace with the communication skills needed to deal with co-workers, clients, and the public.
3. The Department will provide undergraduate students with an education that allows them to understand the societal implications of engineering decisions and designs in both a local and global context and the ethical training to evaluate those implications.
4. The Department will provide undergraduate students with an education that promotes the full and continuing development of their potential as engineers and effective members of society.

Concentrations

In addition to designated common coursework in engineering mechanics, civil, and environmental engineering, students undertake a concentration of 15 hours of coursework plus a 3-hour capstone design course.

Departmental Policies

In addition to the College's graduation requirements, the Department has the following policies:

1. Advising is mandatory prior to each term.
2. Exit Interviews are a graduation requirement for all students.
3. *Only 2 "D" grades in engineering courses may be used to fulfill graduation requirements.*
4. Students are strongly advised to take the Fundamental Exam (F.E.)

Four-Year Curriculum - Civil Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements

including ACT or SAT test scores, GPA, and course requirements.

Students should complete the **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Students qualify for direct entry to their intended department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all of the other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Communications:

ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:

Humanities Courses (6)

Social Science Courses (6)

Humanities or Social Sciences (3)

Mathematics:

USF

MAC 2281

MAC 2282

MAC 2283

MAP 2302

C/C

MAC 2311* (4)

MAC 2312* (4)

MAC 2313* (4)

MAP 2302 (3)

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:

USF

CHM 2045

CHM 2045L

PHY 2048

PHY 2048L

PHY 2049

PHY 2049L

C/C

CHM 1045* (3)

CHM 1045L* (1)

PHY 2048 (3)

PHY 2048L (1)

PHY 2049 (3)

PHY 2049L (1)

*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, as well as the qualitative standards required.

Civil and Environmental Engineering Admissions Requirements

Students entering the Civil & Environmental Engineering department must have completed the equivalent USF Engineering Calculus sequence, one year equivalent USF General Physics and one semester equivalent USF General Chemistry with a minimum of 2.3 GPA; and must have an overall and USF GPA of 2.0 or better.

Continuation Requirements

Continuation in the Civil & Environmental Engineering program requires a minimum grade of "C" as well as a 2.5 GPA (based on best attempt) over the following courses:

EGN 3311 - Statics

EGN 3331 - Mechanics of Materials

EGN 3353 - Basic Fluid Mechanics

EGN 3365 - Materials Engineering I

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may

also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I

ENC 1101	Composition I	3
MAC 2281	Engineering Calculus I	4
CHM 2045	General Chemistry I	3
CHM 2045L	General Chemistry I Lab	1
EGN 3000	Foundations of Engineering	1
Social Science Elective		3
Total		15

Semester II

ENC 1102	Composition II	3
MAC 2282	Engineering Calculus II	4
CHM 2046	General Chemistry II	3
PHY 2048	General Physics I	3
PHY 2048L	General Physics I Lab	1
EGS 1113	Introduction to Design Graphics	3
Total		17

Summer Semester

ALAMEA Perspective Elective		3
Historical Perspective Elective		3
EGN 3615	Engineering Economics with Social & Global Implications	3
Total		9

Semester III

PHY 2049	General Physics II	3
PHY 2049L	General Physics II Lab	1
MAC 2283	Engineering Calculus III	4
EGN 3311	Statics	3
Historical Perspective Elective		3
ENC 3211	Communication for Engineers (6A L&W)	3
Total		17

Semester IV

MAP 2302	Differential Equations	3
EGN 3321	Dynamics	3
EGN 3343	Thermodynamics	3
EGN 3443	Engineering Statistics	3
EGN 3365	Materials I	3
Total		15

Semester V

EGN 3353	Fluid Mechanics	3
EGN 3331	Mechanics of Materials	3
EGN 3331L	Mechanics of Materials Lab	1
ENV 4001	Environmental Engineering I	3
TTE 4004	Transportation Engineering I	3
EGN 4420	Numerical and Computer Tools	3
Total		16

Semester VI

CES 3102	Structures I	3
CWR 4202	Hydraulics	3
CGN 3021	CE Lab	2
EGN 3373	Introduction to Electrical Systems I	3
GLY 3850	Geology for Engineers	3
Total		14

Semester VII

CEG 4011	Geotechnical Engineering I	3
CEG 4011L	Geotechnical Engineering Lab	1
CE Concentration Elective		3
CE Concentration Elective		3
Fine Arts Elective		3
Total		13

Semester VIII

CE Concentration Elective		3
CE Concentration Elective		3

CE Concentration Elective	3
CE Capstone Design Requirement (MW/MI)	3
Social Science Elective	3
Total	15

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC 3211 and by selecting one technical or general education elective that is an approved 6A communication course or by completing an AA degree at a Florida Community College.

Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC3211 and a Capstone Design Course indicated as MW/MI.

Civil Engineering Concentration AND CAPSTONE DESIGN Requirements

The following is a list of possible concentration electives that students may take. It is important that students adhere to prerequisites and co-requisites in choosing their electives.

CCE 4034	Construction Management	
CEG 4012	Geotechnical Engineering II	
CES 4605	Concepts of Steel Design	
CGN 4702	Concepts of Concrete Design	
CGN 4851	Concrete Construction Materials	
CGN XXXX	Transportation and Society	
CWR 4103	Water Resources I	
CWR 4541	Water Resources II	
ENV 4417	Water Quality & Treatment	
TTE 4005	Transportation Engineering II	

Sample tracks for Specialization Areas**Water Resources/Environmental Engineering**

CWR 4103	Water Resources I	3
CWR 4541	Water Resources II	3
ENV 4417	Water Quality and Treatment	3
CEG 4012	Geotechnical Engineering II	3
CWR 4812	Capstone Water Resources/Environmental Design	3
CGNXXXX	Transportation and Society	3

Structures/Materials

CES 4605	Concepts of Steel Design	3
CES 4702	Concepts of Concrete Design	3
CGN 4851	Concrete Construction Material	3
CCE 4034	Construction Management	3
CES 4740	Capstone Structural/Geotechnical/Materials Design	3
CGNXXXX	Transportation and Society	3

Transportation/Geotechnics

TTE 4005	Transportation Engineering II	3
CEG 4012	Geotechnical Engineering II	3
CGNXXXX	Transportation and Society	3
CEG 5115	Foundation Engineering	3
CEG 4850	Capstone Geotechnical/Transportation Design	3
CCE 4034	Construction Management	3

Students may, with the help of an advisor, formulate their own track to meet the requirements for a bachelor's degree in civil engineering. This track will consist of five electives coupled with a capstone design course (18 credit hours).

• COMPUTER SCIENCE AND ENGINEERING**Undergraduate Degrees Offered:**

Bachelor of Science in Computer Engineering (B.S.Cp.E.)
Bachelor of Science in Computer Science (B.S.C.S)
Bachelor of Science in Information Systems (B.S.I.S)

Graduate Degrees Offered:

Master of Science in Computer Science (M.S.C.S.)
 Master of Science in Computer Engineering (M.S.Cp.E.)
 Doctor of Philosophy in Computer Science and Engineering (Ph.D.)
 Doctor of Philosophy in Engineering Science (Ph.D.)

This department offers coursework and study in all areas fundamental to Computer Science, Computer Engineering, and Information Systems. Topics dealt with are computer architecture and hardware design, software engineering, computer system organization, operating systems, algorithms and data structures, computer graphics, user interface, software testing, computer networks, database systems, robotics, theory of computation and artificial intelligence.

Our research areas of faculty concentration are 1) computer architecture and VLSI design/testing, 2) artificial intelligence and robotics, 3) graphics/image processing/computer vision, and 4) networks, 5) software testing.

Computing facilities available to students in the Department include several microprocessor and design laboratories for hardware-oriented studies, personal computer laboratories for general use in programming assignments, and networked SUN workstations for use by majors. The Department maintains a number of research laboratories equipped with special purpose hardware. In addition, the Department has access to College of Engineering SUN and PC workstations and SOLARIS servers.

Three undergraduate degree programs are offered within Computer Science and Engineering. These programs are Computer Engineering, Computer Science and Information Systems, which lead to the Bachelor of Science in Computer Engineering, in Computer Science and in Information Systems respectively.

The Computer Engineering program emphasizes the application of engineering principles to the design of computer hardware and software. While all department programs provide coverage of both computer hardware and software, this program allocates additional time to issues of computer architecture and hardware design. Students in this program also acquire a broad background in engineering science through the study of the engineering core.

The Computer Science program focuses on the theory of computation and computer organization. Additional course work in programming languages, algorithms, software engineering, and a wide range of electives supplement the core coverage of hardware and software.

The Information Systems program combines a basic coverage of hardware and software with a core of business related courses and additional course work in areas such as networks and database. The emphasis in this program is on the application of computing.

Graduates from these programs follow fruitful careers developing either scientific or business applications of computers, as well as in the design of computer systems. They are often involved in the systems level definition of information processing complexes for both manufacturers of computers and for users. A wide and expanding variety of design and applications opportunities characterize this field. The rapid growth and continual change within this field makes it essential for students to acquire a broad foundation in applied mathematics and the physical sciences, and to develop communication skills and to become familiar with the domains of potential computer application in the Humanities and Social Sciences. Research and development opportunities as a computer scientist and engineer, often following graduate education, are present in the areas of computer architecture and VLSI design, artificial intelligence, software engineering, digital data communications, software testing, robotics, database, networks, user interface, fault-tolerant computing and testing, computer-graphics, image processing and computer vision, and simulation.

Mission Statement

In keeping with the mission of the College of Engineering, the Computer Science & Engineering Department strives for excellence in teaching, research, and public service. Specifically the Department aspires to:

1. Lead the advancement of computer science through internationally recognized research and graduate education, as well as technology transfer to regional industries;
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning;
3. Educate undergraduates in the best practices of the field as well as integrate the latest research into the curriculum;
4. Foster the development of problem solving and communication skills as an integral component of the profession;
5. Provide quality learning experiences through small classes, active learning styles of teaching, and opportunities for meaningful interactions between students and faculty.

Objectives

The Computer Science & Engineering Department has established the following goals for graduates of our program:

1. Our graduates will be equipped with the knowledge and skills necessary to allow immediate employment as computer science and engineering professionals or to secure admission to graduate programs.
2. Our graduates will be prepared to function ethically and responsibly as full participants in our profession and our society.
3. Our graduates will have a thorough knowledge of the basic principles and practices of computing grounded upon the solid foundation of the principles of mathematics and science.
4. Our computer engineering graduates will have a thorough knowledge of the basic principles and practices of engineering based upon a solid foundation of mathematics and science and an ability to apply these principles in the computing domain.
5. Using their knowledge of basic computing principles, our computer science graduates will have acquired a knowledge of major areas of application of those fundamentals.
6. Our information systems graduates will combine a thorough knowledge of basic business principles with the core principles of computing to achieve an understanding of applications at the convergence of these domains.

Departmental Policies

In addition to the College's graduation requirements, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.
3. In addition to the College's graduation requirements, the department has the policy of not accepting any D grade in department or College of Engineering courses.

Four-Year Curriculum in Computer Science**Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College:**

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and

meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

COP	XXXX*	3
MAC	X311	4
MAC	X312	4
PHY	X048/X048L	4
PHY	X049/X049L	4
or		
PHY	X049C	4

*Introductory Programming in Ada, C, C++, or PASCAL or equivalent language.

Natural Sciences:

XXX	XXXX**	6
-----	--------	---

**Two (2) science courses for science majors.

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

Computer Science Admissions Requirements

All students must complete the equivalent of USF Composition I & II, Engineering Calculus I & II and calculus-based General Physics I & II (with labs) with an overall grade point average of 3.00 or higher in these courses (best attempt) to be admitted to the CS&E department. Continuation in the major requires successful completion of CDA 3103 and COP 3514 with the required GPA as stated in the Computer Science & Engineering prerequisite statement in the College of Engineering general section.

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I

MAC 2281	Engineering Calculus I	4
ENC 1101	Composition I	3
EGN 3000	Foundations of Engineering	1
Science Elective		1
Social Science Elective		3
Total		14

Semester II

MAC 2282	Engineering Calculus II	4
PHY 2048	General Physics I	3
PHY 2048L	General Physics I Lab	1
ENC 1102	Composition II	3
Historical Perspectives Elective		3
Total		14

Semester III

MAC 2283	Engineering Calculus III	4
PHY 2049	General Physics II	3
PHY 2049L	General Physics II Lab	1
COP 2510	Programming Concepts	3
Science Elective		3
Total		14

Semester IV

CDA 3103	Computer Organization	3
COT 3100	Intro Discrete Structures	3

COP 3514	Program Design	3
Historical Perspectives Elective		3
Total		12

Summer Semester

EEL 4851	Data Structures	3
CDA 3201	Computer Logic Design	3
CDA 3201L	Computer Logic Design Lab	1
EGN 4450	Linear Systems	2
Total		9

Semester V

CDA 4205	Computer Architecture	3
COP 4600	Operating Systems	3
COT 4400	Analysis of Algorithms	3
STA 4442	Introduction to Probability	3
Social Science Elective		3
Total		15

Semester VI

CSE Theory Elective		3
CSE Software Elective		6
CSE Elective		3
ENC 3211	Communication for Engineers	3
Total		15

Semester VII

Fine Arts Elective		3
ALAMEA Elective		3
CSE Elective		9
Total		15

Semester VIII

CIS 4250	Ethical Issues (6A MW/MI)	3
Upper Level Humanities, Social Science or Fine Arts Elective		3
CSE Elective		6
Total		12

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3211 and CIS4250 or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC3211 and CIS4250.

Four-Year Curriculum in Computer Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

Communications:

ENC 1101/1102 English I and II (6)

156 COLLEGE OF ENGINEERING

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Humanities & Social Sciences:

Humanities Courses (6)
Social Science Courses (6)
Humanities or Social Sciences (3)

Mathematics:

USF **C/C**
MAC 2281 MAC 2311* (4)
MAC 2282 MAC 2312* (4)
MAC 2283 MAC 2313* (4)
MAP 2302 MAP 2302 (3)

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:

USF **C/C**
CHM 2045 CHM 1045* (3)
CHM 2045L CHM 1045L* (1)
PHY 2048 PHY 2048 (3)
PHY 2048L PHY 2048L (1)
PHY 2049 PHY 2049 (3)
PHY 2049L PHY 2049L (1)

*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

Computer Engineering Admissions Requirements

All students must complete the equivalent of USF Composition I & II, Engineering Calculus I & II and calculus-based General Physics I & II (with labs) with an overall grade point average of 3.00 or higher in these courses (best attempt) to be admitted to the CS&E department. Continuation in the major requires successful completion of CDA 3103 and COP 3514 with the required GPA as stated in the Computer Science & Engineering prerequisite statement in the College of Engineering general section.

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I

MAC 2281	Engineering Calculus I	4
ENC 1101	Composition I	3
EGN 3000	Foundations of Engineering	1
CHM 2045	General Chemistry I	3
CHM 2045L	General Chemistry I Lab	1
Social Science Elective		3
Total		15

Semester II

MAC 2282	Engineering Calculus II	4
ENC 1102	Composition II	3
PHY 2048	General Physics I	3
PHY 2048L	General Physics I Lab	1
Historical Perspectives Elective		3
Total		14

Semester III

MAC 2283	Engineering Calculus III	4
PHY 2049	General Physics II	3
PHY 2049L	General Physics II Lab	1
COP 2510	Programming Concepts	3

EGN 3615	Engineering Economics with Social and Global Implications	3
Total		14

Semester IV

CDA 3103	Computer Organization	3
COT 3100	Intro Discrete Structures	3
COP 3514	Program Design	3
Historical Perspectives Elective		3
MAP 2302	Differential Equations	3

or

EGN 3433	Modeling and Analysis of Engineering Systems	3
Total		15

Summer Semester

CDA 3201	Logic Design	3
CDA 3201L	Logic Design Lab	1
EEL 4851	Data Structures	3
EGN 4450	Linear Systems	2
Total		9

Semester V

CDA 4205	Computer Architecture	3
COP 4600	Operating Systems	3
EEL 3420	Electronic Materials	3
EGN 3373	Electrical Systems I	3
COT 4400	Analysis of Algorithms	3
Total		15

Semester VI

CSE Elective		3
Social Science Elective		3
Science Elective		3
CSE Hardware Elective		7
Total		16

Semester VII

CSE Elective		6
EGN 3443	Engineering Statistics	3
ALAMEA Elective		3
Fine Arts Elective		3
Total		15

Semester VIII

CIS 4910	Senior Project	2
CIS 4250	Ethical Issues (6A MW/MI)	3
ENC 3211	Communication For Engineers (6A L&W)	3
CSE Elective		7
Total		15

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3211 and CIS4250 or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC3211 and CIS4250.

Four-Year Curriculum in Information Systems

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted.

Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

COP	XXXX*	3
MAC	X311	4
MAC	X312	4
PHY	X048/X048L	4
PHY	X049/X049L	4
or		
PHY	X049C	4

*Programming in Ada, C, C++, or PASCAL or equivalent language.

Natural Sciences:

XXX	XXXX**	6
-----	--------	---

**Two (2) science courses for science majors.

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

Information Systems Admissions Requirements

All students must complete the equivalent of USF Composition I & II, Engineering of Life Science Calculus I & II and General Physics I & II (with labs) with an overall grade point average of 3.00 or higher in these courses (best attempt) to be admitted to the CS&E department. Continuation in the major requires successful completion of CDA 3103 and COP 3514 with the required GPA as stated in the Computer Science & Engineering prerequisite statement in the College of Engineering general section.

BACHELOR OF SCIENCE IN INFORMATION SYSTEMS

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I

MAC 2281/2241	Calculus I	4
ENC 1101	Composition I	3
Science Elective	3	
Social Science Elective		3
Total		13

Semester II

MAC 2282/2242	Calculus II	4
ENC 1102	Composition II	3
PHY 2048/2053	Physics I	3
PHY 2048L/2053L	Physics I Lab	1
Historical Perspective Elective		3
Total		14

Semester III

AGC 2021	Accounting I	3
COP 2510	Programming Concepts	3
EGN 4450	Linear Systems	2
PHY 2049/2054	Physics II	3

PHY 2049L/2054L	Physics II Lab	1
ECO 2013	Macroeconomics	3
Total		15

Semester IV

CDA 3103	Computer Organization	3
COT 3100	Intro Discrete Structures	3
COP 3514	Program Design	3
EGN 3615	Engineering Economics with Social and Global Implications	3
Historical Perspective Elective		3
Total		15

Summer Semester

ECO 2023	Microeconomics	3
EEL 4851	Data Structures	3
Fine Arts Elective		3
Total		9

Semester V

STA 2023	Intro to Statistics	3
COP 4600	Operating Systems	3
CEN 4020	Software Engineering	3
MAN 3025	Principles of Management	3
COT 4400	Analysis of Algorithms	3
Total		15

Semester VI

CEN 4023	Software System Development	3
Science Elective	3	
Social Science Elective		3
CSE Software Elective		3
CSE Elective		3
Total		15

Semester VII

ALAMEA Elective		3
CSE Software Elective		6
CSE Elective		3
Total		12

Semester VIII

ENC 3211	Communication for Engineers	3
CIS 4250	Ethical Issues (6A MW/MI)	3
CSE Electives		6
Total		12

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3211 and CIS4250 or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC3211 and CIS4250.

• ELECTRICAL ENGINEERING

Undergraduate Degree Offered:

Bachelor of Science in Electrical Engineering (B.S.E.E.)

Graduate Degrees Offered:

Master of Science in Electrical Engineering (M.S.E.E.)

Master of Engineering (M.E.)

Master of Science in Engineering (M.S.E.)

Master of Science in Engineering Science (M.S.E.S)

Doctor of Philosophy in Electrical Engineering (Ph.D.)

Doctor of Philosophy in Engineering Science (Ph.D.)

This department offers study in all areas fundamental to Electrical Engineering and the electrical sciences: circuit analysis and design, electronics, communications, electromagnetics, controls, solid state, system analysis, digital circuit design and microelectromechanical systems (MEMS).

Basic concepts are augmented with well-equipped laboratories in circuits, electronics, digital systems, microwave techniques, wireless circuits & systems, and controls and communications. In addition, a general-purpose computer facility, a microprocessor and digital signal processing laboratory, and a microelectronics fabrication, design/test and metrology laboratory are available to undergraduate and graduate students.

Mission Statement

The mission of the Electrical Engineering Department at the University of South Florida is to provide internationally recognized educational programs; to conduct and disseminate internationally recognized research benefiting humanity; to provide service to society; and to emphasize the need for lifelong learning, ethical conduct and an understanding of the diverse social context in which engineering is practiced.

Objectives

- The Department objectives are to produce graduates
1. with the knowledge and skills necessary to practice Electrical Engineering successfully.
 2. who can pursue advanced topics through graduate or professional studies.

Students pursuing the Bachelor of Science in the Electrical Engineering program take designated coursework in network analysis, electronics, communications, electromagnetic theory, control systems, microelectronics and microprocessors. This coursework is supplemented by electives in many specialized areas of electrical engineering.

Students completing this program normally pursue industrial careers in electronics, communications, power and controls, digital systems, microelectronics, and information systems. The electrical graduate may apply his/her knowledge to such diverse areas as wireless and satellite communications, remote guidance, MEMS, sensing technology, systems integration, automation, computer and information systems, electronic power generation and transmission, electrically propelled transportation, etc. The graduate may do this by performing needed engineering functions related to research and development (often requires an advanced degree), design, production, operation, sales, or management of these products/services.

Departmental Policies

In addition to the College's graduation requirement, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.
3. Students must pass all required BSEE courses, except humanities and social sciences, with a grade of "C" or better.

Four-Year Curriculum in Electrical Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

Communications:

ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:

Humanities Courses (6)

Social Science Courses (6)

Humanities or Social Sciences (3)

Mathematics:

USF

MAC 2281

MAC 2282

MAC 2283

MAP 2302

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:

USF

CHM 2045

CHM 2045L

PHY 2048

PHY 2048L

PHY 2049

PHY 2049L

*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

C/C

MAC 2311* (4)

MAC 2312* (4)

MAC 2313* (4)

MAP 2302 (3)

C/C

CHM 1045* (3)

CHM 1045L* (1)

PHY 2048 (3)

PHY 2048L (1)

PHY 2049 (3)

PHY 2049L (1)

Electrical Engineering Admissions Requirements

Transfer students must have completed the equivalent of the USF Engineering Calculus and Physics sequences and Chemistry I and Chemistry I lab with a minimum GPA in these courses of 2.25 including all attempts; must have an overall GPA of 2.0 or better.

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I

ENC 1101	Composition I	3
MAC 2281	Engineering Calculus I	4
Social Science Elective		3
EGR 2080	Light and the Arts (or other Fine Arts Elective)	3
EGR 2082	History of Electrotechnology (or other Historical Perspectives elective)	3
Total		16

Semester II

ENC 1102	Composition II	3
MAC 2282	Engineering Calculus II	4
PHY 2048	Physics I	3
PHY 2048L	Physics Lab I	1
CHM 2045	Chemistry I	3
CHM 2045L	Chemistry Lab I	1
EGR 3000	Foundations of Engineering	1
Total		16

Semester III

MAC 2283	Engineering Calculus III	4
PHY 2049	Physics II	3

PHY 2049L	Physics Lab II	1
EGN 3443	Engineering Statistics	3
EGN 3615	Engineering Economics with Social & Global Implications	3
Total		14

Semester IV

EGN 3433	Modeling & Analysis of Engineering Systems	
or		
MAP 2302	Differential Equations	3
EGN 3420	Engineering Analysis	3
EGN 3373	Electrical Systems I	3
EEL 2161	EE Computing Methods	3
EEL XXXX	Electronic Materials	3
Total		15

Summer Term

EGN 2031	History of Technology (or other Historical Perspective Elective)	3
EGN 3374	Electrical Systems II	3
ENC 3211	Communications for Engineers (6A L&W)	3
Total		9

Semester V

EEL 3100	Network Analysis	3
EEL 4705	Logic Design	3
EEL 4705L	Logic Lab	1
EEL 3301L	Lab I (Circuits)	1
EEL 4471	Electromagnetics	3
EEL 4351C	Semiconductor Devices	3
Total		14

Semester VI

EEL 4102	Linear Systems Analysis	3
EEL 3375	Indus. Mach. & Power Applications	3
EEL 4744	Microprocessors	3
EEL 4743L	Microprocessor Lab	1
EEL 3302	Electronics I	3
ELR 4316	Wireless Circuits & Systems Lab	2
Total		15

Semester VII

EEL 4906	Prof. Issues & Eng. Design (MW/MI)	3
EEL 3302L	EE Lab II (Electronics)	1
EEL 4657	Linear Control Systems	3
EEL XXXX	Controls Lab	1
EEL 4301	Electronics II	3
EEL 4512C	Communication Systems	3
Total		14

Semester VIII

EEL 4914	EE Design Project	3
Social Science Elective		3
Tech Elective*		3
Tech Elective*		3
ALAMEA		3
Total		15

*Some electives with lab components will incur a lab fee.

Gordon Rule (6A) is fully met through the mathematics courses above, ENC 1101, ENC 1102, ENC 3211 and by selecting one technical or general education elective that is an approved 6A communication course or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC 3211 and EEL 4906.

• INDUSTRIAL AND MANAGEMENT SYSTEMS ENGINEERING*Undergraduate Degree Offered:*

Bachelor of Science in Industrial Engineering (B.S.I.E.)

Graduate Degrees Offered:

Master of Science in Industrial Engineering (M.S.I.E.)

Master of Engineering (M.E.)

Master of Science in Engineering Science (M.S.E.S.)

Master of Science in Engineering Management (M.S.E.M.)

Master of Industrial Engineering (M.I.E.)

Doctor of Philosophy in Industrial Engineering (Ph.D.)

Doctor of Philosophy in Engineering Science (Ph.D.)

This department offers study pertinent to the design, evaluation and operation of a variety of industrial systems, ranging from the analysis of public systems to the operation of manufacturing plants. Topics include production planning and control, production and plant design, applied statistics, operations research, human factors and productivity, manufacturing, and automation. The department has excellent laboratory facilities that support class projects and research in microcomputer applications, computer-aided manufacturing, human performance, automation, and applications of robotics. Evening and off-campus programs are available through the Master of Science in Engineering Management (M.S.E.M.) program. The department also administers the manufacturing option in the M.S.E. program.

Mission Statement

The Department of Industrial Management Systems Engineering is committed to strong and innovative educational and research programs, economic development, and community initiatives. Our efforts are focused on attracting high-potential students and teaching them to think critically and to communicate effectively. The IMSE department strives for a cutting edge, internationally recognized research program. Our curriculum educates students to work successfully in the global environment and to pursue advanced studies.

Objectives

The objectives of the Department are to:

1. Attract and recruit high quality students;
2. Educate, motivate and serve students with the ultimate goal of preparing them for their professional careers;
3. Engage in an agile and interdisciplinary research program deserving of international recognition that creates significant broader impact in the areas of technology transfer and development of leaders in engineering;
4. Recruit and mentor a diverse faculty with interdisciplinary interests;
5. Develop strong and internationally recognized academic programs in Industrial Engineering and Engineering Management;
6. Engage the alumni in the growth and development of the department;
7. Take a leadership role in providing service to the profession, industry, and society at large.

Departmental Policies

In addition to the College's graduation requirement, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirements.

Four-Year Curriculum in Industrial and Management Systems Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College: If a student wishes to transfer without an A.A. degree and has

160 COLLEGE OF ENGINEERING

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

Communications:

ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:

Humanities Courses (6)

Social Science Courses (6)

Humanities or Social Sciences (3)

Mathematics:

USF

MAC 2281

MAC 2282

MAC 2283

MAP 2302

C/C

MAC 2311* (4)

MAC 2312* (4)

MAC 2313* (4)

MAP 2302 (3)

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:

USF

CHM 2045

CHM 2045L

PHY 2048

PHY 2048L

PHY 2049

PHY 2049L

C/C

CHM 1045* (3)

CHM 1045L* (1)

PHY 2048 (3)

PHY 2048L (1)

PHY 2049 (3)

PHY 2049L (1)

*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

Industrial Engineering Admissions Requirements

Transfer students must have completed the equivalent USF Engineering Calculus sequence with a 2.0 GPA; must have completed one year of equivalent USF General Physics and Chemistry courses with a minimum of 2.0 GPA; must have a USF and overall GPA of 2.0 or better.

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I

CHM 2045	Chemistry I	3
CHM 2045L	Chemistry I Lab	1
EGN 3000	Foundations of Engineering	1
ENC 1101	Composition I	3
MAC 2281	Engineering Calculus I	4
Social Science Elective		3
Total		15

Semester II

CHM 2046	Chemistry II	3
EGN 2031	History of Technology (or Historical Perspectives elective)	3
ENC 1102	Composition II	3
MAC 2282	Engineering Calculus II	4
PHY 2048	Physics I	3
PHY 2048L	Physics I Lab	1
Total		17

Semester III

EGN 3443	Engineering Statistics	3
MAC 2283	Engineering Calculus III	4
PHY 2049	Physics II	3
PHY 2049L	Physics II Lab	1
EGN 2082	History of Electrotechnology (or other Historical Perspective Elective)	3
Total		14

Semester IV

EGN 3311	Statics	3
EGN 3373	Electrical Systems Engineering I	3
EGN 4450	Linear Systems	2
EGN 3433	Modeling & Analysis of Engineering Systems	

or

MAP 2302	Differential Equations	3
EGN 2080	Light & the Arts (or other Fine Arts Elective)	3
Total		14

Summer Term

EGN 1113	Engineering Graphics	3
EGN 3615	Engineering Economy with Social and Global Implications (SS)	3
ALAMEA Elective		3
Total		9

Semester V

COP 2510	Programming Concepts	3
EGN 3365	Materials Engineering I	3
EIN 4312C	Work Analysis	3
EIN 4411	Manufacturing Processes	3
ESI 4312	Deterministic OR	3
Total		15

Semester VI

EGN 3343	Thermodynamics	3
EIN 4333	Production Control	3
ESI 4221	Industrial Statistics/Quality Control	3
ESI 4313	Probabilistic OR	3
Tech Elective	Engineering Science	3
Total		15

Semester VII

EIN 4364C	Facilities Design I	3
EIN 4933	Management Cost	3
ESI 4244	Design of Experiments	3
ESI 4523	Industrial Systems Simulation	3
Tech Elective	Industrial Engineering	2
Total		14

Semester VIII

EIN 4313C	Human Factors (6A)	3
EIN 4365	Facilities Design II (MW/MI)	3
EIN 4601	Automation/Robotics	3
ENC 3211	Communication for Engineers (6A L&W)	3
Tech Elective	Industrial Engineering	3
Total		15

Gordon Rule (6A) is fully met through the mathematics courses above, ENC 1101, ENC 1102, ENC 3211 and EIN 4313 or by completing an AA degree at a Florida Community College.

Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC 3211 and EIN 4364.

• MECHANICAL ENGINEERING

Undergraduate Degree Offered:

Bachelor of Science in Mechanical Engineering (B.S.M.E.)

Graduate Degrees Offered:

Master of Mechanical Engineering (M.M.E.)

Master of Science in Mechanical Engineering (M.S.M.E.)

Master of Engineering (M.E.)

Master of Science in Engineering (M.S.E.)

Doctor of Philosophy in Mechanical Engineering (Ph.D.)

Doctor of Philosophy in Engineering Science (Ph.D.)

Coursework includes basic science and mathematics, thermal and fluid sciences, material science, solid mechanics, dynamics, machine design, vibrations, instrumentation and control.

Graduates of this program are employed in research, design, production, marketing, service, installation (contracting), maintenance and operation in such industries as mining, petroleum, paper, food, power, manufacturing, air-conditioning, defense systems, aerospace, data processing, communications, and automotive.

Laboratories are available for basic instrumentation, thermal and fluid sciences, solid mechanics, data acquisition and control, CAD/CAE, vibrations, and aerodynamics.

Students pursuing the Bachelor of Science in Mechanical Engineering program take coursework in thermodynamics and heat transfer, instrumentation and measurements, solid and fluid mechanics, dynamics, machine analysis and design, mechanical design, manufacturing processes, vibrations and controls. This is supplemented by elective coursework in such areas as power plant analysis, refrigeration and air conditioning, mechanical design, advanced mechanics, robotics, propulsion, computer-aided design, manufacturing, bio-engineering, alternative energy, thermal design, composite materials, and aerodynamics.

Graduates of this program are employed in design, manufacturing, contracting, operations, marketing, and management in virtually all segments of industry and government, including, but not limited to: aeronautics, aerospace & propulsion; automotive, internal combustion engines, fuel cells & transportation; propulsion systems; electronic utilities & power generation; heating, ventilation & air conditioning; structures & machinery design; mining & oil exploration; paper, textile, food, & petrochemical industries/processing/manufacturing; micro & nano materials and semiconductors; and biomaterials & bioengineering. There are abundant career opportunities in a wide range of industries because mechanical equipment is required in every aspect of modern industry.

Mission Statement

The Mission of the Mechanical Engineering Department is:

- to provide a quality undergraduate and graduate education for students entering the mechanical engineering profession or seeking careers in related fields;
- to advance scientific knowledge through basic and applied research;
- to disseminate technical information through scholarly publication, conferences and continuing education;
- to advance the profession through service within the associated societies and;
- to promote activities which serve global development.

Objectives

The Objectives of the Undergraduate Program in Mechanical Engineering are:

- to teach students to understand and to apply concepts of basic science, mathematics, computation, and engineering science essential to professional practice;
- to train students in the design of experiments and testing of systems, in proper instrumentation methods, in the techniques of modern data acquisition and in methods of data interpretation;
- to develop skills essential to the design process, including problem formulation, synthesis, analysis, construction, testing and evaluation;
- to develop skills necessary for effective professional interaction including multi-disciplinary collaboration and successful oral and written communication;
- to encourage an understanding of technology within a global and societal context, the need for continued professional development, the importance of professional responsibility and the ethics of professional practice.

Departmental Policies

In addition to the College's graduation requirement, the department has the following policies:

- Mandatory academic advising of students for each term, and;
- Exit interviews as a graduation requirement.
- Students are strongly encouraged to take the FE Exam.

Four-Year Curriculum in Mechanical Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

Communications:

ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:

Humanities Courses (6)

Social Science Courses (6)

Humanities or Social Sciences (3)

Mathematics:

USF

MAC 2281

MAC 2282

MAC 2283

MAP 2302

C/C

MAC 2311* (4)

MAC 2312* (4)

MAC 2313* (4)

MAP 2302 (3)

*or MAC 2281, MAC 2282, MAC 2283

162 COLLEGE OF ENGINEERING

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Natural Sciences:

USF	C/C
CHM 2045	CHM 1045* (3)
CHM 2045L	CHM 1045L* (1)
PHY 2048	PHY 2048 (3)
PHY 2048L	PHY 2048L (1)
PHY 2049	PHY 2049 (3)
PHY 2049L	PHY 2049L (1)

*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

Mechanical Engineering Admissions Requirements

Students entering the Mechanical Engineering department must have completed the equivalent USF Engineering Calculus sequence, one year equivalent USF General Physics and one semester equivalent USF General Chemistry with a minimum of 2.3 GPA; and must have an overall and USF GPA of 2.0 or better.

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I

ENC 1101	Composition I	3
MAC 2281	Engineering Calculus I	4
CHM 2045	General Chemistry I	3
CHM 2045L	General Chemistry I Lab	1
EGS 1113	Intro. to Design Graphics	3
EGN 3000	Foundations of Engineering	1
Total		15

Semester II

ENC 1102	Composition II	3
MAC 2282	Engineering Calculus II	4
PHY 2048	General Physics I	3
PHY 2048L	General Physics I Lab	1
EGN 2080	Light & the Arts (or other Fine Arts Elective)	3
Total		14

Semester III

MAC 2283	Engineering Calculus III	4
PHY 2049	General Physics II	3
PHY 2049L	General Physics II Lab	1
EGN 3311	Statics	3
EGN 3615	Engineering Economics with Social and Global Implications	3
Total		14

Semester IV

EGN 3321	Dynamics	3
EGN 3365	Materials Engineering I	3
EGN 3373	Electrical Systems I	3
EML 3035	Programming Concepts for Mechanical Engineers	1
MAP 2302	Differential Equations	3
Social Science Elective		3
Total		16

Summer Term

EGN 3343	Thermodynamics I	3
EGN 3443	Engineering Statistics I	3
EML 3500	Mechanics of Solids	3
EGN 2031	History of Technology (or other Historical Perspective Elective)	3
Total		12

Semester V

EML 3041	Computational Methods	3
EML 3701	Fluid Systems	3
EML 3262	Kinematics and Dynamics of Machinery	3
ENC 3211	Communication for Engineers (6A L&W)	3
EGN 4325	Mechanical Manufacturing Processes	3
Total		15

Semester VI

EML 4501	Machine Design	3
EML 3303	Mechanical Engineering Lab I	3
EML 4124	Heat Transfer	3
Approved Technical/Design/Science Elective		3
ALAMEA Elective		3
Total		15

Semester VII

EML 4106	Thermal Systems	3
EML 4302	Mechanical Engineering Lab II	3
EML 4220	Vibrations	3
Approved Technical/Design/Science Elective		3
EGN 2082	History of Electrotechnology (or other Historical Perspective Elective)	3
Total		15

Semester VIII

EML 4312	Mechanical Controls	3
EML 4551	Capstone Design (MW/MI)	3
Approved Technical/Design/Science Elective		3
Approved Technical/Design/Science Elective		3
Total		12

Gordon Rule (6A) is fully met through the mathematics courses above, ENC 1101, ENC 1102, ENC 3211 and by selecting one technical or general education elective that is an approved 6A communication course or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature & Writing (L&W) are fully met through ENC 3211 and EML 4551.

• GENERAL ENGINEERING

BACHELOR OF SCIENCE IN ENGINEERING (B.S.E)

The College of Engineering also offers the Bachelor of Science in Engineering degree. This program is tailored to meet the needs of students with academic and career goals that are not best met by following a prescribed disciplinary program. The program is often cross-disciplinary in nature and a specific curriculum is not predetermined. Therefore, this degree cannot be accredited by the Accreditation Board for Engineering and Technology and it is not often recommended. Nevertheless, it can be a valuable program in some cases. The curriculum plan for each student pursuing this option is developed in consultation with faculty advisors and must be approved by the Associate Dean for Academic Affairs or his designee.

Premedical students may elect this option. It accommodates up to 24 hours of special pre-med coursework (Biology, Organic Chemistry, etc.) to meet the requirements for applying to medical schools. Pre-law students find this option permits a strong technical background and rigorous undergraduate preparation including a focus on ethics and professionalism in the engineering profession.

Objectives

The Objectives of the Undergraduate Program in General Engineering are to prepare students to:

1. Think critically and employ the concepts of math, science, engineering and modern data acquisition.
2. Effectively utilize the skills essential to the design process, including problem formulation, conceptualization, testing and analysis.
3. Interact proficiently in a multidisciplinary professional environment through well-developed oral and written communication skills.
4. Enter into professional practice with an awareness of ethical responsibility, the need for continuing education, and global and societal considerations.

Students pursuing the Bachelor of Science in Engineering complete courses in mathematics, science and general engineering, and courses in an area of engineering specialization. Students completing this program often pursue graduate or professional degrees in management, medicine, or law. The critical thinking skills and technological expertise an engineering education provides result in career opportunities within a wide range of settings within the engineering field and other professional, industrial, governmental, military, administrative and business settings.

Graduation Requirements

In addition to the University's graduation requirements and completion of the required courses and approved specialization courses, graduation requirements for the Bachelor of Engineering degree program include:

1. Mandatory academic advising of students each term
2. Exit interviews as a graduation requirement
3. No grade lower than a C (not a C-) in degree applicable math, science or engineering courses.

Note: Please refer to the University of South Florida requirements for graduation for GPA requirements.

Four-Year Curriculum - General Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

Communications:

ENC 1101/1102 Composition I and II (6)

Humanities & Social Sciences:

Humanities Courses (6)

Social Science Courses (6)

Humanities or Social Sciences (3)

Mathematics:**USF**

MAC 2281

MAC 2282

MAC 2283

MAP 2302

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:

USF

CHM 2045

CHM 2045L

PHY 2048

PHY 2048L

PHY 2049

PHY 2049L

*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

C/C

MAC 2311* (4)

MAC 2312* (4)

MAC 2313* (4)

MAP 2302 (3)

C/C

CHM 1045* (3)

CHM 1045L* (1)

PHY 2048 (3)

PHY 2048L (1)

PHY 2049 (3)

PHY 2049L (1)

Admissions Requirements

Students entering the General Engineering degree must have completed the equivalent USF Engineering Calculus sequence, one year equivalent USF General Physics and one semester equivalent USF General Chemistry with a minimum 2.0 GPA; and must have a USF and an overall GPA of 2.0 or better.

Semester I

ENC 1101	Composition I	3
MAC 2281	Engineering Calculus I	4
CHM 2045	General Chemistry I	3
CHM 2045L	General Chemistry I Laboratory	1
EGN 3000	Foundations of Engineering	1
Total		12

Semester II

ENC 1102	Composition II	3
MAC 2282	Engineering Calculus II	4
CHM 2046	General Chemistry II	3
PHY 2048	General Physics I	3
PHY 2048L	General Physics I Laboratory	1
XXX XXXX	Social Science Elective	3
Total		17

Semester III

MAC 2283	Engineering Calculus III	4
EGN 3311	Statics	3
PHY 2049	General Physics II	3
PHY 2049L	General Physics II Laboratory	1
EGN 3615	Engineering Economics with Social & Global Implications (or other Social Science Elective)	3
XXX XXXX	ALAMEA Elective	3
Total		17

Semester IV

EGN 3433	Modeling & Analysis of Engineering Systems	
or		
MAP 2302	Differential Equations	3
EGN 3373	Introduction to Electrical Systems I	3
EGN 3443	Engineering Statistics I	3
EGN 3343	Thermodynamics I	3
EGN 2031	History of Technology (or other Historical Perspective Elective)	3
Total		15

Summer

XXX XXXX	College Upper-Level Elective	3
EGN 2080	Light and the Arts (or other Fine Arts Elective)	3

164 COLLEGE OF ENGINEERING

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

EGN 2082	History of Electrotechnology (or other Historical Perspective Elective)	3
Total		9

Semester V

ENC 3211	Communication for Engineers	3
XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
Total		15

Semester VI

XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
Total		15

Semester VII

XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	2
Total		14

Semester VIII

XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
XXX XXXX	College Upper-Level Elective	3
XXX XXXX	Exit - College MW/MI Elective	3
Total		12

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC 3211 and by selecting one technical or general education elective that is an approved 6A communication course or by completing an AA degree at a Florida Community College.

Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC3211 and a Capstone Design Course indicated as MW/MI.

ENGINEERING FACULTY

Chemical Engineering

Chair: B. Joseph; *Emeritus Professor:* J.C. Busot; *Professors:* S.W. Campbell, R. Gilbert, W.E. Lee, III, J.A. Llewellyn, C. A. Smith, A. K. Sunol; *Associate Professors:* V.R. Bhethanabotla, V. Gupta, M. Jaroszeski, F. Moussy; *Assistant Professors:* N. Alcantar, M.D. VanAuker, J.T. Wolan; *Instructor:* C.J. Biver; *Courtesy Faculty:* L.H. Garcia-Rubio, S. Kranc, M. Ossowski, D. Perlmutter, N. Poor, J. Strom, S. Sunol.

Civil and Environmental Engineering

Chairperson: S. Saigal; *Professors Emeriti:* M. W. Anderson, J.E. Griffith; *Distinguished Professor:* A. A. Sagüés; *Professors:* R.P. Carnahan, W.C. Carpenter, M. Gunaratne, S.C. Kranc, A. A. Sagüés, R. Sen; *Associate Professors:* A. Ashmawy, A. Levine, J.J. Lu, G. Mullins, M. Nachabe, R.M. Pendyala, M.A. Ross, A. Zayed; *Assistant Professors:* P. Stroot, M. Trotz; *Instructor:* K. Nohra; *Courtesy Faculty:* J. Obeysekera, S.E. Polzin, N. Poor, F.L. Young.

Computer Science and Engineering

Chairperson: R. Kasturi; *Professors:* D. Goldgof, L. Hall, A. Kandel, R. Kasturi, R. Murphy, R. Perez, L. Piegl, N. Ranganathan, S. Sarkar, K. Valavanis, M. Varanasi; *Associate Professors:* K. Christensen, S. Katkoori, D. Rundus; *Assistant Professors:* W. Albrecht, M. Labrador, K. Soonatae, R. Tindell, R. Turner, H. Zheng; *Instructor:* H. Jeanty.

Electrical Engineering

Chairperson: D. L. Morel; *Professors:* Y. Chiou, L.P. Dunleavy, R.E. Henning, V.K. Jain, M. G. Kovac, D.L. Morel, R. Sankar, A.D. Snider, E.K. Stefanakos, T.E. Wade; *Associate Professors:* K.A. Buckle, C.S. Ferekides, A.M. Hoff, W.A. Moreno, S. Sadow, T.M. Weller, P.H. Wiley; *Assistant Professors:* H. Arslan, S. Bhanja, S. Bhansali, R. Schlaf; *Lecturers:* H.C. Gordon, J.T. Leffew.

Industrial and Management Systems

Chairperson: J. Zayas-Castro; *Professors:* T. K. Das, P. E. Givens, L. Martin-Vega, S. K. Khator, O. G. Okogbaa, W. A. Miller, J. Zayas-Castro; *Associate Professors:* A. L. Callahan, M. X. Weng; *Assistant Professors:* G. Centeno, Q. Huang, K. Reeves, A. Yalcin; *Lecturers:* D. K. Gooding, P. R. McCright.

Mechanical Engineering

Chairperson: R. V. Dubey; *Professors:* R.A. Crane, R.V. Dubey, D.P. Hess, A.K. Kaw, J.L.F. Porteiro; *Associate Professors:* G.H. Besterfield, A. Kumar, M.M. Rahman, S. Wilkinson; *Assistant Professors:* T. G. Eason III, Y.P. Moussy, F. Pyrtle, A. Volinsky; *Adjuncts:* D.L. Dekker, R.L. Mann, N.G. Pai; *Professor Emeritus:* L. A. Scott, W. A. Smith, S. J. Ying.

LOUIS DE LA PARTE FLORIDA MENTAL HEALTH INSTITUTE

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Location/Phone: MHC 2525, (813) 974-4672

The Louis de la Parte Florida Mental Health Institute's mission is to improve the lives of people with mental, addictive and developmental disorders through research, training, and education.

The Institute's programs are conducted by three departments: Aging and Mental Health, Child and Family Studies, and Mental Health Law and Policy. The Institute conducts a broad range of applied research, training, and dissemination activities related to the planning, development, delivery, and evaluation of behavioral health services. The Institute's training and consultation activities are provided for a variety of audiences including students, behavioral health and health care professionals, the Florida legislature, administrators, policy makers, planners, consumers, and the public.

The Institute offers an undergraduate minor in behavioral healthcare (see listing below) and offers undergraduate and graduate students research assistantships. In addition to the credits earned in the minor, students may earn academic credit for independent research performed at the Institute in conjunction with USF courses. Institute faculty teaches credit courses in degree-granting programs in cooperation with other USF colleges and offers graduate certificate courses in planning, evaluation and accountability. A graduate focus in behavioral health is offered in conjunction with the College of Public Health.

Minor in Behavioral Healthcare

Behavioral health problems, like mental illness and substance abuse, are among the greatest public health challenges facing our communities. New, scientifically based treatment approaches are available to treat and prevent many of these behavioral health problems. Students will be exposed to these treatment approaches as well as to issues in the organization, financing, delivery, and outcomes of behavioral health services. The emphasis of the curricula is on practices that have been scientifically validated and their delivery within the context of current funding, policies and trends. This area of academic concentration is offered as an Undergraduate Minor by the USF Louis de la Parte Florida Mental Health Institute, a college of the university.

This Minor in Behavioral Healthcare is available to students interested in pursuing a career in the broad field of behavioral health in conjunction with any undergraduate major. It should be particularly beneficial to persons majoring in such disciplines as psychology, social work, gerontology, premed, criminology, nursing, and sociology.

A GPA of 2.0, or better, in this minor is required for certification. At least nine (9) of the credit hours must be taken at USF. A Behavioral Healthcare advisor will be available to advise students on a course of study and to coordinate a student's minor with related majors.

A Minor in Behavioral Healthcare consists of a minimum of fifteen (15) credit hours comprised of the following courses:

Required Courses:

MHS 3411	Multidisciplinary Behavioral Healthcare Services	3
MHS 4002	Behavioral Health Systems Delivery	3
MHS 4408	Exemplary Practices in Behavioral Healthcare Treatment	3
MHS 4425	Field Experience in Behavioral Healthcare*	3

Electives (minimum of 3 credit hours required):

MHS 4931	Selected Topics in Behavioral Healthcare**	1-4
MHS 4906	Directed Study	1-4

*A student completing a field placement in Psychology, Social Work, or other of the human services may be exempted (by the advisor) from the "Field Experience in Behavioral Healthcare" and may substitute an elective from the above list. Enrollment in MHS 4425 requires prior College approval.

**Topics covered include among others: Case Management in Community Mental Health (3), Behavioral Health Issues in Children (3), Behavioral Health Issues in Elders (3).

A concentration in Behavioral Healthcare for the Bachelor's of Science in Applied Science degree program requires eighteen (18) credits from the courses listed above. Please see the BSAS listings for particulars.

COLLEGE OF MARINE SCIENCE

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Although the College of Marine Science does not offer an undergraduate degree, graduate courses in the college are open to advanced undergraduates in other natural science disciplines. In addition, the college has recently increased the number of courses specifically geared for undergraduates; consult the Schedule of Classes for course titles currently being offered. Some Marine Science courses are available on all campuses by means of distance learning.

The College of Marine Science (CMS) at the University of South Florida offers M.S. and Ph.D. degrees in Marine Science. The student may emphasize biological, chemical, geological, or physical oceanography, or develop an interdisciplinary program in Oceanography through course work and thesis or dissertation research. More than 100 students are currently pursuing degrees under the direction of 30 full-time faculty. Study areas range from estuarine and near-shore systems to remote areas of the Pacific, Atlantic and Indian Oceans, as well as the Arctic and Antarctic. Additional information on faculty research and facilities is available at the CMS web site (<http://www.marine.usf.edu>) and from the college upon request.

The college is located on the campus of USF St. Petersburg which allows immediate access to Tampa Bay and the Gulf of Mexico. Bayboro Harbor is home port to the R/V *Bellows* (71 ft.) and the R/V *Suncoaster* (110 ft.). These vessels are operated by the Florida Institute of Oceanography (FIO) for the entire State University System. One of the college's principal buildings is shared with FIO and is adjacent to the Fish and Wildlife Research (FWRI), the research arm of the Florida

Fish and Wildlife Conservation Commission. A newly occupied research building is shared by CMS and FWRI and houses a remote-sensing, satellite data-acquisition center. The U.S. Geological Survey (USGS) Center for Coastal Geology and Regional Studies, the office of the Tampa Bay National Estuary Program, FWRI, and the College of Marine Science are all located on the campus of USF St. Petersburg. Consequently, St. Petersburg is home to one of the largest concentrations of marine scientists in the southeastern United States; many of these scientists serve on advisory committees of CMS graduate students.

Marine Science Faculty

Dean: P. R. Betzer; *Professors:* N. J. Blake, K. L. Carder, K. A. Fanning, L.H. Garcia-Rubio, P. Hallock Muller, A. C. Hine, G.T. Mitchum, F. Muller-Karger, J. J. Torres, E. S. Van Vleet, R. H. Weisberg; *Distinguished Research Professors:* R. H. Byrne, J.H. Paul, J. J. Walsh; *Professor Emeritus:* J. C. Briggs; *Associate Professors:* P. G. Coble, B. Flower, B. Galperin, D.J. Hollander, M.W. Howell, M. E. Luther, D. F. Naar, T. M. Quinn, S. F. Tebbens, G. A. Vargo; *Assistant Professors:* K. Daly, P. A. Howd, D.A. Mann, A.J. Pyrtle; *Courtesy Professors:* R. A. Davis, B. Halley, C. W. Holmes, G. Litman, W. R. Parker, A. Sallenger, A. C. Smith, Y. Tardy; R. Wollast; *Courtesy Associate Professors:* R. C. Baird, S. B. Gallagher, G. E. Rodrick, K. A. Steidinger; *Courtesy Assistant Professor:* A. B. Meylan, R. G. Muller, E. C. Peters, J. E. Reynolds, S. G. Tolley; *Courtesy Lecturers:* S. Gallagher.

COLLEGE OF NURSING

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

The College of Nursing is committed to the advancement of nursing and the promotion of health care through its education, research and service endeavors. To fulfill its commitment to nursing education, the college offers an upper division program of study that leads to a Bachelor of Science degree with a major in nursing.

Mission

The mission of the College of Nursing is to advance the science and practice of the profession by creating environments conducive to learning, scholarly inquiry, and the development of innovative community partnerships. The College of Nursing is dedicated to achieving national recognition for its contributions to improving health care outcomes.

Philosophy

The College of Nursing is committed to improving the health and well-being of all people by anticipating and responding to changing professional, social, technical and economic demands. Nurses address professional and community needs by assuming multiple collaborative and cooperative relationships and roles.

Nursing is a humanistic profession that enhances the quality of life by promoting health, preventing illness, supporting rehabilitation following illness, and providing care for persons at the end of life. All individuals are entitled to health care and the right to participate in making health care decisions.

Nursing is a continually evolving discipline with a unique body of knowledge. Nursing knowledge is advanced through the application of critical thinking, the development and testing of theories, and the conduct and utilization of nursing research.

Intellectual growth and professional autonomy are fostered through the continuum of educational programs in nursing. The *Baccalaureate Program* prepares students to enter professional practice and provides a foundation for graduate education. The *Master's Program* prepares students for advanced specialty practice, nursing education, and leadership. The *Doctoral Program* prepares nurse scientists to advance the discipline of nursing through the development and dissemination of knowledge.

Continuing Education Programs support lifelong learning needs of graduates of educational programs in nursing through offerings that enhance and expand their existing knowledge and skill base.

Undergraduate Nursing Program General Information

The college offers a program that leads to a Bachelor of Science degree with a major in nursing. The undergraduate program in nursing is a limited access upper division major at the University of South Florida. The program has four sequences:

1. The **FTIC (first time in college) Program** is for freshmen who have a high school GPA of 3.6 and composite SAT of 1200 or ACT of 28. Students who meet these requirements are admitted to the nursing major and are guaranteed a place in the nursing sequence if they complete all their prerequisite courses with a grade of B or high and maintain an over all 3.5 GPA.
2. **Upper Division Admission** is for students who have completed all the prerequisite courses and have a minimum 3.0 GPA. Admission is competitive and students with higher GPAs are given preference.
3. **The Accelerated Program** is for students who have a baccalaureate degree in another field. Students with an earned bachelor's degree and who have completed all the pre-requisite courses may enter the accelerated program and complete 50 credits in nursing, earning a second bachelor's degree.

4. **The RN Completion Program** is for qualified registered nurses who are graduates of associate degree or diploma programs in nursing.

For further information about programs, scholarships, financial aid, faculty, and courses, consult the College of Nursing website at <http://www.hsc.usf.edu/nursing>.

The program is accredited by the National League for Nursing Accrediting Commission, 61 Broadway, New York, NY 10006, (212) 363-5555 ext. 153, the Commission on Collegiate Nursing Education, One Dupont Circle, NW Suite 530, Washington, DC, 20036, (202) 887-6791, and approved by the Florida State Board of Nursing. Graduates of the basic sequence are eligible to write the qualifying examination for licensure as a registered nurse. Graduates may apply for licensure in Florida or other states and successful undergraduates have the educational background necessary for graduate study in nursing.

Undergraduate Admission to the College of Nursing

The College of Nursing encourages applications from qualified applicants of both sexes and from all cultural, racial, religious, ethnic, and age groups. The College of Nursing uses selective criteria for the admission of students. Limitations on enrollments are determined on the basis of availability of sufficient qualified faculty, laboratory and classroom facilities, and clinical teaching resources.

The program has four sequences:

1. The **FTIC (first time in college) Program** is for freshmen who have a high school GPA of 3.6 and composite SAT of 1200 or ACT of 28. Students who meet these requirements are admitted to the nursing major and are guaranteed a place in the nursing sequence if they complete all their prerequisite courses with a grade of B or high and maintain an over all 3.5 GPA.
2. **Upper Division Admission** is for students who have completed all the prerequisite courses and have a minimum 3.0 GPA. Admission is competitive and students with higher GPAs are given preference.
3. **The Accelerated Program** is for students who have a baccalaureate degree in another field. Students with an earned bachelor's degree and who have completed all the pre-requisite courses may enter the accelerated program and complete 50 credits in nursing, earning a second bachelor's degree.
4. **The RN Completion Program** is for qualified registered nurses who are graduates of associate degree or diploma programs in nursing.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

In order to be considered for full admission to the college, the applicant must:

1. Submit an application to USF by the appropriate deadline.
2. Complete all prerequisite courses with a grade of "C" or better.
3. Submit a College of Nursing application by the appropriate deadline.
4. Complete the College Level Academic Skills Test (CLAST) or equivalent and the writing and computation course requirements of 6A-10.30 (Gordon Rule).
5. Provide evidence of health insurance prior to enrollment.
6. Complete, prior to enrollment, the College of Nursing health form.
7. Provide evidence of current licensure in Florida if enrolling in the program as a registered nurse.

Nursing Advising

The College of Nursing Office of Student Affairs offers a comprehensive service for all College of Nursing degree programs and advice to non-majors who are interested in being admitted. The service includes Preview USF, Fantastic Friday, registration, academic advising, scholarships, graduation certification, mentorship programs, and referrals to other university and community-based services and career-related opportunities. However, the student must remember that he or she is ultimately responsible for meeting all graduation requirements.

- The goals of the office of Student Affairs are to
- Help students develop their educational plans
 - Help students select appropriate courses
 - Help students interpret institutional requirements
 - Facilitate total student development

Location/Phone(s): The Health Science Center for the College of Nursing (MDN) is located near Bruce B. Downs Blvd. and West Holly Drive on the Northwest corner of campus. The College office is in MDN, Room 1032, (813) 974-2191.

Advising Offices: To schedule an advising appointment at a location where the College of Nursing offers courses call the College of Nursing Office of Student Affairs, (813) 974-9305; (888) 974-9488.

Office Hours: 8 a.m. – 5 p.m., Monday through Friday.

Program Application Requests: Applications for the Nursing programs are available from USF College of Nursing, Office of Student Affairs, MDC Box 22, 12901 Bruce B. Downs Blvd., Tampa, Florida 33612-4766 and at the College of Nursing web site: <http://www.hsc.usf.edu/nursing>.

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College:

The University and the College of Nursing work closely with the community colleges within the 10 county USF service area. The University's Liberal Arts requirements and College of Nursing's prerequisite/support courses may be completed through the A.A. degree at the community college. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The A.A. degree satisfies admission requirements only if courses are carefully selected and include the required major prerequisite/support courses.

The College of Nursing requires certain courses within the Liberal Arts requirement for the natural, social and behavioral sciences, and mathematics as listed under the heading "Liberal Arts Requirements." Students must complete the prerequisite courses listed below prior to being admitted to the upper-division major except those students in the FTIC program. All prerequisite courses must be completed with a grade of "C" or higher.

BSC X085C Human Anatomy & Physiology I or any Human Anatomy & Physiology I course, 3-4 semester hours
 BSC X086C Human Anatomy & Physiology II or any Human Anatomy & Physiology II course, 3-4 semester hours
 CHM XXXX Comprehensive General Chemistry (CHM 1032 or higher), 4-6 semester hours
 DEP X004 Human Growth & Development or any Human Growth & Development course, 3 semester hours
 HUN X201 Human Nutrition or any Human Nutrition course, 3 semester hours, **OR**
 NUR 1192
 MCB X010C Microbiology or Any Microbiology course, 4 semester hours
 PSY X012 Introduction to Psychology or any General Psychology course, 3 semester hours
 STA X014 Statistics or any Statistics course, 3 semester hours
 SYG X000 Introduction to Sociology or any Introduction to Sociology course, 3 semester hours

Liberal Arts Requirements

The College of Nursing requires certain courses within the Liberal Arts requirements for the natural, social and behavioral sciences, and mathematics. Students must complete 60 semester hours of college-level work. Credit received on the basis of CLEP or Advanced Placement examinations or other appropriate procedures may be included to meet some of these requirements. For all students, the required 60 semester hours includes completion of the University of South Florida Liberal Arts requirements and may be satisfied by the completion of the following courses with the corresponding credit:

English	6
Math - Gordon Rule course	6
Algebra or Finite Math (preferred) (3)	
Statistics (3)	
Fine Arts	3
Natural Science	17-19
Chemistry (4)	
Nutrition (3)	
Microbiology (4)	
Anatomy/Physiology (6-8)	
Social Sciences	9
Life Cycle (3)	
Psychology (3)	
Sociology (3)	
Historical Perspectives	6
African, Latin American, Middle Eastern, Asian Perspectives	3
3. Students with a Florida community college A.A. degree (other than in nursing) will be considered to have met all of the USF Liberal Arts requirements but also must meet specific college requirements (below).	
4. Students must meet the University requirement for foreign language.	

Prerequisite Coursework for Nursing Students

The student must earn a grade of "C" or better in *each* state mandated common prerequisite course. *Courses taken at another institution will be evaluated individually on the basis of content.* Students in Florida community colleges can obtain information about equivalent courses from their counselors or by contacting the College of Nursing Office of Student Affairs (813-974-9305).

1. Mathematics/Quantitative Methods: completion of at least one course in mathematics that meets the Gordon Rule requirement *and* one course in statistics.

Mathematics - one Gordon Rule course must be completed. College Algebra or Finite Math preferred. CLEP subject exams are acceptable.

Statistics - one course in statistics must be completed with a grade of "C" or better: STA 2122 or any STA course

2. Natural Sciences: minimum of 16 semester credits (including anatomy, physiology, and microbiology). Each course (in "a" through "d" below) taken toward meeting the natural sciences requirement must have been completed with a grade of "C" or better. At least one course must include a laboratory or have a corequisite laboratory course.

a) Chemistry - 4 semester credits. Courses should include content in 1) principles of chemistry, 2) structure of matter, 3) atomic and molecular structure, 4) states of matter, 5) chemical formulas and nomenclature, 6) solutions, 7) chemical kinetics and equilibrium, 8) theory and practice of quantitative analysis, 9) organic chemistry. *CHM 2030 (4 credits) or CHM 2045, 2045L can be met with CLEP. *Chemistry sequence for non-science majors.

b) Microbiology - one course. MCB 2030C. The Regents examination in microbiology is acceptable for registered nurse students only.

c) **Anatomy and Physiology** - 6 semester hours. The Regents examination in anatomy and physiology is acceptable for registered nurse students only.

d) **Nutrition** - one course. HUN 2201. College of Nursing Challenge Examination or University of Florida correspondence course is acceptable.

3. **Social Sciences**: Each course taken toward meeting this requirement must have been completed with a "C" or better. **Psychology and Sociology** - one introductory course in each area. CLEP is acceptable. Must be completed with a "C" or better.

Human Growth and Development (Life Span) - Must include birth through aging process to death. HUS 4020, DEP 4005 or DEP 3103 and GEY 3000. Must be completed with a "C" or better.

Students who enroll at USF in the lower division must meet the requirements for admission to the University and are advised by Academic Support and Achievement. These students may also wish to meet with a College of Nursing advisor. These students must also submit an application for admission to the College of Nursing.

NURSING PROGRAM

• FTIC - COURSE OF STUDY

Semester I

Freshman English I	3
College Algebra/Finite Math	3
General Psychology*	3
Historical Perspective	3
Chemistry*	4
Total	16

Semester II

Freshman English II	3
Social Science Statistics*	3
Anatomy & Physiology I*	3
Microbiology*	4
Introduction to Sociology*	3
Total	16

Summer

Optional

Semester III

Life Cycle*	3
Nutrition*	3
Anatomy & Physiology II*	3
Non-Western Perspectives	3
Fine Art	3
Total	15

Semester IV

NUR 3125 Pathophysiology	4
NUR 3826 Ethical/Legal Aspects of Nursing	3
Historical Perspective	3
Elective	3
Total	13

Total PreClinical

60

Summer

Optional

Semester V

NUR 3026 Fundamentals of Nursing Practice	3
NUR 3066 Physical Exam	2
NUR 3026L Fundamentals Clinical	4
NUR 3145 Pharmacology	3
Total	12

Semester VI

NUR 3215 Medical Surgical Nursing I	3
NUR 3215L Medical Surgical Nursing I Clinical	4
NUR 3525 Psychiatric Mental Health Nursing	3
NUR 3525L Psychiatric Mental Health Nursing	3
NUR 4165 Nursing Inquiry	3
Total	16

Summer

Optional

Semester VII

NUR 4216 Medical Surgical Nursing II	4
NUR 4216L Medical Surgical Nursing II	5
Nursing Elective	3
Total	12

Semester VIII

NUR 4355 Child & Adolescent Health Nursing	3
NUR 4455 Women's Health Nursing	2
NUR 4636 Community/Public Health Nursing	3
NUR 4635L Integrated Clinical	7
Total	15

Semester IX

NUR 4838 Leadership/Management	3
NUR 4948L Preceptorship	6
Total	9

Total Hours (60+64)

124

*State Mandated Prerequisites

• UPPER DIVISION ADMISSION - COURSE OF STUDY

(After Completion of ALL Pre-requisite Courses)

Semester I

NUR 3125 Pathophysiology	4
NUR 3826 Ethical/Legal Aspects of Nursing	3
Total	7

Semester II

NUR 3026 Fund. of Nursing Practice	3
NUR 3066 Physical Exam	2
NUR 3026L Fundamentals Clinical	4
NUR 3145 Pharmacology	3
Total	12

Semester III

NUR 3215 Medical Surgical Nursing I	3
NUR 3215L Medical Surgical Nursing Clinical I	4
NUR 3525 Psychiatric Mental Health Nursing	3
NUR 3525L Psychiatric Mental Health Nursing	3
Total	13

Semester IV

NUR 4216 Medical Surgical Nursing II	4
NUR 4216L Medical Surgical Nursing Clinical II	5
NUR 4165 Nursing Inquiry	3
Nursing Elective	3
Total	15

Semester V

NUR 4355 Child & Adolescent Health Nursing	3
NUR 4455 Women's Health Nursing	2
NUR 4636 Community/Public Health Nursing	3
NUR 4635L Integrated Clinical	7
Total	15

170 COLLEGE OF NURSING

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Summer		
NUR 4838	Leadership/Management	3
NUR 4948L	Preceptorship	6
Total		9
Total Hours (60+64)		124

Accelerated Program Course of Study (After Completion of ALL Pre-requisite Courses)

Semester I		
NUR 3026	Fundamentals of Nursing Practice	3
NUR 3066	Physical Examination and Assessment	2
or		
NGR 6001	Health Assessment in Advanced Practice	3
NUR 3125	Pathophysiology for Nursing Practice	4
or		
NGR 6140	Pathophysiology for Advanced Practice	3
NUR 3145	Pharmacology in Nursing Practice	3
or		
NGR 6199	Pharmacology for Advanced Practice	3
NGR 4091L	Accelerated Fundamentals Lab	1
NUR 3826	Ethical Legal Aspects in Nursing & Health Care*	3
Total		16
Semester II		
NUR 3215	Medical Surgical Nursing I	3
NUR 3525	Psychiatric/Mental Health Nursing	3
NUR 4216	Medical Surgical Nursing II	4
NUR 4092L	Accelerated Integrated Clinical I	5
Total		15
Semester III		
NUR 4165	Nursing Inquiry*	3
or		
NGR 6800	Nursing Research*	3
Total		6
Semester IV		
NUR 4355	Child & Adolescent Health Nursing	3
NUR 4455	Women's Health Nursing	2
NUR 4636	Community/Public Health	3
NUR 4838	Leadership & Management in Professional Nursing Practice	3
NUR 4093L	Accelerated Integrated Clinical II	5
Total		16
Total		50

• REGISTERED NURSE - COURSE OF STUDY

NUR 3806	Educational Transitions for RN	3
NUR 3066	Physical Examination and Assessment	2
NUR 3066L	Clinical Experience in Health Assessment - RN	1
NUR 3125	Pathophysiology for Nursing Practice	4
NUR 3145	Pharmacology in Nursing Practice	3
NUR 4636	Community/Public Health Nursing	3
NUR 4636L	Comm/Public Health Nursing Clinical - RN	3
NUR 4838	Leadership & Management in Professional Nursing Practice	3
NUR 3826	Ethical Legal Aspects in Nursing and Health Care	3
NUR 4165	Nursing Inquiry	3
NUR	Nursing Elective	3
Total		31

In addition to requirements listed, the RN student must also meet all university graduate requirements as listed in the catalog.

Conditional Admission Policy for Registered Nurses

RN students may be admitted conditionally to the College of Nursing. Students may enroll in the appropriate sequence of selected courses while completing the prerequisite requirements. An academic advisor will assist students with selecting the courses.

Undergraduate Program Objectives Upon Graduation, Graduates will . . .

1. Use concepts, principles, theories, and models from the natural and social sciences; the arts and humanities; and the art and science of nursing to guide clinical practice.
2. Use critical thinking and clinical judgment as the basis for nursing practice in providing and coordinating care for individuals, families, and communities across the lifespan in health promotion, disease prevention, health restoration and rehabilitation.
3. Demonstrate understanding of the research process by integrating clinical data and research findings into nursing practice.
4. Interact with other health care professionals, clients and consumers as advocate, teacher, collaborator, communicator, manager, and professional leader to plan, provide, and evaluate essential health services for culturally diverse and vulnerable populations.
5. Examine the impact of health care policy on the health care delivery system within a variety of settings.
6. Practice within the ethical/legal parameters of professional nursing.
7. Demonstrate the potential for leadership within the profession and health care delivery system.
8. Demonstrate accountable behavior in the professional nursing role.

CLEP Examinations

In accordance with University policies, the College Level Examination Program (CLEP) general and subject examinations may be taken in several areas and according to the University or community college policies related to CLEP. The CLEP general examinations apply toward the distribution requirements at USF, and successful performance results in credit for any or all of the required areas. In addition, credit may be earned for a number of College of Nursing support courses, including: English Composition ENC 1101, 1102; General Chemistry CHM 2030 or CHM 2045, 2045L. Additional information may be obtained from the Office of Evaluation and Testing, University of South Florida, (974-2741, SVC 2054).

Excelsior and College of Nursing Examinations

Successful completion of the following examination(s) can be used to fulfill course requirements as designated below:
Registered nurses who are graduates of diploma programs may receive up to 26 semester general elective credits through successful completion of the Excelsior (formerly Regents) examinations in nursing.
Registered nurses who are graduates of Florida associate degree programs will receive up to 26 semester upper level credits for their previous nursing education. Registered nurse students should contact the Office of Student Affairs for advisement prior to enrollment. Graduates of other associate degree nursing programs may receive up to 26 credits after individual evaluation of their transcripts.
Registered nurse students may earn up to 6 semester credits and fulfill the college's requirement in anatomy and physiology through successful completion of the Excelsior examination in anatomy and physiology, and up to 3 credits in microbiology through successful completion of the Excelsior examination in microbiology. Excelsior examination information may be obtained from the Office of Student Affairs, College of Nursing.

Degree Requirements

Students will be certified for the Bachelor of Science degree with a major in nursing upon completion of 124 semester hours composed of Liberal Arts requirements, science support courses (natural, social/behavioral), required nursing courses, and upper level electives or exit requirements.

A minimum grade of "C" or better must be attained in each course in the major and cumulative grade point ratio of 2.0 or better must be maintained throughout the program. At least 40 semester hours must be upper level work (courses numbered 3000 or above).

Second Degree Requirements

Students who have an earned baccalaureate degree in another field will be certified for the Bachelor of Science degree with a major in nursing upon completion of the required second baccalaureate degree courses.

ASN/MS Program

Registered nurses with an ASN degree have the option of selecting the ASN to MS degree program. Support/prerequisite courses are the same as for the ASN to BS option. Admission is through the undergraduate program. Planning with a RN advisor will determine the nursing course requirements and progress through the program. The BS application process will be followed. Contact the Office of Student Affairs for further information (813-974-9305).

Nursing Faculty

Dean: P. Burns; *Dean Emeritus:* G. MacDonald; *Professors Emeritus:* I. King, C. Long, O. Riggan, V. Ross; *Professors:* P. Burns, M. Evans, J. Karshmer, C. Lengacher, S. McMillan, L. Moody, B. Redding; *Associate Professors:* T. Beckie, J. Beckstead, C. Burns, J. Canty-Mitchell, L. Gonzalez, P. Gorzka, S. Gregory, M. Webb; *Assistant Professors:* A. Beraducci, S. Edwards, G. Erickson, C. Gwinn, C. Jevitt, M. Krisman-Scott, J. Overcash, E. Slocumb; *Clinical Assistant Professor:* J. Fanning; *Visiting Assistant Professors:* N. Connor, S. Verbosky-Cadena, C. Wilson; *Instructors:* B. Battin, L. Beson, K. Blend, D. Breiter, C. Cahill, D. Cantero, D. Condosta, E. Cox, J. DuBois, L. Gonzalez, N. Hahn, T. Harris, A. Johnson, K. Jones, L. Kay, B.

COLLEGE OF PUBLIC HEALTH

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

As we enter the new millennium, public health looms large at the forefront of the world's concerns. Population pressures, environmental problems, maternal and child health care, disaster management, new emerging diseases, behavioral challenges, health care management and cost containment demand solutions from the public health professional.

To meet these challenges, the mission of the College of Public Health combines excellence in research, education, and service to lead in health promotion and disease prevention in Florida and the global community. The USF College of Public Health is one of only 36 public health colleges in the nation and is fully accredited by the Council on Education for Public Health.

Undergraduate students who are seeking a career in public health can select to major in a broad range of Bachelor degree programs including engineering, business, social sciences, biological sciences, nursing, social work, pre-medicine, other allied health specialties or interdisciplinary degrees in order to be prepared for graduate work in the College. Pre-medical students seeking admission to medical school may want to consider completing a Master's degree in public health prior to application or admission to medical schools or as an alternative to clinical degrees. Undergraduate students may consider the Undergraduate Accelerated Entry Program for Master's degree in Public Health Education that bypasses the Bachelor's for the Master's degree.

A new Fast Track for Honor BMS, ISS and INS students is available. Students in this track may select programs within one of the College's five departments: Community and Family Health, or Epidemiology and Biostatistics, or Environmental and Occupational Health, or Health Policy and Management, or Global Health. A college-wide area of study includes Public Health Practice (PHP). PHP requires a minimum of 3 years of health-related work experience.

The course of study and field experiences are designed to prepare health professionals with skills to develop, implement, manage and evaluate programs which that focus on health, behavioral, legal, medical and economic factors. Interdisciplinary areas include the mapping and control of infectious and chronic diseases, environmental factors that affect populations, and the methods of providing care to targeted populations including those faced with geographic, financial, cultural and other access barriers. Public health is also concerned with finding cost-effective ways to keep health care costs down while assuring quality. Career opportunities are available in a variety of work settings including hospitals and ambulatory care facilities, managed care organizations, voluntary health agencies, public and private school systems, colleges and universities, local, federal and state health agencies, private industry and international health organizations.

Undergraduate students seeking careers in public health should refer to the College website: publichealth.usf.edu, or contact the College advisor: advisor@hsc.usf.edu to request the College of Public Health Career Guide. Review the broad range of professions and plan an undergraduate program that will meet the College's admission requirements for graduate work. Learning opportunities are provided through advanced methods and technology. College courses are offered through traditional classroom methods, on-line courses and programs, weekend programs, learning institutes, certificate and continuing education courses.

The College offers undergraduate courses to prepare students for the graduate criteria required for admission. USF undergraduate courses HSA 4120 "Introduction to Public Health" and HSC 4554 "Survey of Human Disease" (or their equivalent) are prerequisites for several concentrations prior to graduate study in public health.

• HSC 2133 Sex, Health, and Decision Making, is offered each semester. This course provides the student with an overview of the issues involving sexual behaviors, decision-making processes and health outcomes.

PHC 4542 Stress, Health and College Life addresses the relationship between stress, as a multi-causal concept, health and disease and the recognition and prevention of an unhealthy level of stress;

HSC 4933 Special Topics in Public Health, targets public health concerns and issues. Current Special Topics undergraduate courses include:

Health Care Market Place examines the evolution, structure, financing and provision of medical and health services.

Introduction to Water Resources Management that explores water quality, supply and the management and regulatory options for their control.

Medical Terminology whose purpose is to familiarize the basic principles and vocabulary of medical terminology.

Introduction to SAS for Public Health

Introduction to Epidemiologic Research

Mental Health, Mental Illness, and Prevention in Public Health

Severe Mental Illness, Stigma, and Community Integration

Master's degrees include the Master of Public Health (MPH), which is a professional, non-thesis degree; the Master of Health Administration (MHA); the Master of Science of Public Health (MSPH), a research thesis degree; as well as the doctoral (PhD) degree.

Undergraduate Accelerated Entry Program for Master's Degree in Public Health Education

The Department of Community and Family Health offers an accelerated entry program that enables qualified undergraduate students to enter the Master of Public Health (MPH) degree program with a concentration in Public Health Education following the completion of 90 semester hours of undergraduate study (usually the end of the junior year). It is recommended that students enroll in undergraduate programs related to the field of public health as noted above. The program emphasizes a multidisciplinary approach of developing strategies for the efficient utilization of health services, the adoption of self-care practices, and the promotion of healthier lifestyles. Full-time students are able to complete Master's degree requirements in 2 to 2-1/2 years. Interested individuals are encouraged to contact a health education faculty advisor during the term in which they expect to complete 60 undergraduate semester hours.

Students seeking admission to the MPH accelerated degree program must have completed 90 undergraduate semester hours, achieved at least a 3.0 GPA or a combined verbal and quantitative score of at least 1000 on the GRE, and satisfied the CLAST and Gordon Rule 6A-10.30 requirements. Students interested in this program or other public health graduate fields should contact the Office of Student Services at the College of Public Health for a career guide and college catalog, (813) 974-6505 or e-mail advisor@hsc.usf.edu and refer to the College Website at publichealth.usf.edu.

Fast Track for Honors BMS, ISS and INS Students

Undergraduate students in Honors programs will be eligible to apply for admission to selected graduate degree programs in public health during their senior year. This fast track format will allow eligible seniors to complete up to 20 graduate credits in public health which will count toward the Bachelor's degree as well as a Master of Public Health (MPH) or Master of Science in Public Health (MSPH). These graduate degrees vary from 39-44 credits (excluding field experience).

Application for the Honors ISS and INS Students

Application deadline for these programs is July 1 for guaranteed consideration. Applications will be accepted during the junior year. A minimum score of 1000 on the combined Q and V of the GRE, good standing in Honors program, senior status,

and 2 letters of recommendation from undergraduate faculty are required. For further information: <http://publichealth.usf.edu/fasttrack.html>

Certificate Programs

Students who have completed their bachelor's degree may register for certificates in Disaster Management, Health Management and Leadership, Infection Control, Social Marketing, Safety Management, Violence and Injury: Prevention and Intervention, Clinical Epidemiology, and Women's Health.

The GRE is not required for Certificate programs. However, Certificates may have other specific requirements. Refer to the College of Public Health website: for flyers describing certificate programs.

Contact the USF Office of Graduate Certificates, (813) 974-2442 www.outreach.usf.edu/gradcerts for application forms.

Public Health Advising

Potential applicants should prepare at the undergraduate level for careers in public health. Undergraduate public health courses present a broad range of public health issues and are offered on campus and on-line. These undergraduate courses can be selected as part of the student's approved planned program or as electives to prepare students for graduate classes. Except for the undergraduate student selecting the Accelerated Health Education program or the Fast Track for Honors program, all applicants should have completed or be in their last semester of completing the Bachelor's degree prior

to applying to this College. All departments accept the MCAT score in lieu of the GRE for admission. The GMAT may be submitted for the Department of Health Policy and Management. Advisors in the College assist undergraduate students with career planning and selecting undergraduate coursework. For specific information, request a College of Public Health Catalog and Career Guide followed by an appointment with the College advisor.

Advising Office: The College of Public Health is located facing Bruce B. Downs Boulevard at the Northwest corner of the USF Campus near the Fletcher Avenue intersection. Advising office is in the College of Public Health (CPH) Room 1150.

Call toll free 1-888-USF-COPH or locally (813) 974-6505 for the Public Health Career Guide, a copy of the upcoming Schedule of Classes which can also be found on the web at: publichealth.usf.edu/academicaffairs/

Non-Degree Registration: Students who have completed the Bachelor's degree may register for up to 12 hours as "non-degree" students while in the process of preparing to apply to the College. Consult publichealth.usf.edu/nondegree.html the College's Director of Student Services, (813) 974-6505 for options, course selection and enrollment process.

Address: 13201 Bruce B. Down Blvd, Tampa, FL 33612-3805; Mailpoint - MDC 56

Office Hours: 8am–5pm, Monday through Friday. Walk-ins are welcome but an appointment is recommended.

Email: advisor@hsc.usf.edu

Web Address: publichealth.usf.edu

UNDERGRADUATE STUDIES

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Location/Phone: SVC 2002; (813) 974-4051

Office Hours: 8 a.m. – 5 p.m., Monday through Friday

Web Address: <http://www.ugs.usf.edu/ugs.htm>

The Dean of Undergraduate Studies has overall responsibility to enhance the quality of the learning experience in undergraduate programs across all colleges and campuses of the University. The Dean supervises several units and undergraduate academic programs that are not the purview of a single school or college including the offices of Evaluation and Testing, Air Force ROTC Program, Army ROTC Program, and Navy ROTC Program and acts on recommendations from the Undergraduate Council, the Academic Regulations Committee, the Council on Academic Advising, and the Faculty Committee on Student Admissions. As the Director of Community College Relations, the Dean develops articulation agreements with community colleges, area school boards, and area high schools.

The Dean's Office is the University Student Ombudsman for undergraduate academic matters. The function of the Student Ombudsman is to handle student appeals concerning access to courses and credit granted toward the student's degree. Students who wish to make an appeal should contact the Office of the Dean of Undergraduate Studies at SVC 2002, 974-4051 for further information.

The Dean is committed to providing vision and leadership in undergraduate education and to serving the needs of all undergraduate students including those with non-traditional and diverse backgrounds.

The Career Center

Location/phone: SVC 2088, (813) 974-2171, 8-5, Mon-Fri.

Web address: <http://www.career.usf.edu>

The Career Center provides USF students with comprehensive career planning and job search services. A staff of experienced Career Center professionals is available to help students choose a career; gain career-related work experience and prepare for an effective job search. The Career center also provides information on employment opportunities and creates venues where students can network and interview with local, state and national employers.

The Career Center's numerous services are clustered into the areas of career planning, career-related work experience, job search preparation, and connecting with employers.

Career Planning

Individual Career Counseling Appointments may be made with a career specialist to help students make an informed decision about a potential career and academic major.

Career Assessment Surveys are available to help students identify their interests, skills and work values. Both pen and paper and web-based assessments are available.

Career Decision-making Workshops teach students about the career development process and the steps to be taken in order to choose a career and academic major.

Career Reference Library contains information on career fields, including job descriptions, working conditions, educational requirements, salary information and projected employment outlook.

Graduate & Professional School Fair provides an opportunity for students thinking about continuing their education to talk to Admissions representatives from graduate and professional schools.

Career Development Course SLS 2401 takes you through each step of the career planning process.

Career-related Work Experience

Part-time Jobs, both on and off campus, including Federal Work Study (FWS) jobs are posted on the Career Center web site.

Cooperative Education ("Co-op") is a structured, academic program of paid, practical work experience related to a student's

major. See the Career Center web site for eligibility criteria and program details.

Internships from on and off-campus employers are advertised on the Career Center web site. Internships for academic credit are coordinated through the student's sponsoring academic department.

Job Search Preparation

Individual Job Search Coaching Appointments may be scheduled for assistance with resume/cover letter preparation; interview techniques; and various other job search strategies.

Walk-in Advising is available to answer questions about careers, job search or Career Center services. These fifteen-minute sessions are available Monday, Tuesday, and Thursday from 8:30-4:30 and Wednesday and Friday from 8:30-12:30 during fall and spring semesters.

Job Search Workshops are available on topics such as resume writing, interview techniques and other job search strategies, and include one on how to participate in the on-campus interview program.

Job Search Reference Library contains resources on resume writing, interviewing and job search strategies, as well as employer directories and salary information.

Job Search Computer Lab, located in the Career Center reference library, is equipped with computers with Internet access for conducting a cyberspace job search, scheduling on-campus interviews and researching employers.

Connecting with Employers

On-Campus Interviews for Internships and Full-time Positions are conducted in the Career Center by local, state and national recruiters from numerous types of organizations to fill their internship and full-time professional positions. All majors are eligible to participate.

Resume Referral is available to students who have uploaded a resume in the Career Center's electronic resume database. The Career Center will forward resumes of students matching the employer's hiring criteria, upon the employer's request.

Virtual Video Interview (VVI) allows students to visually market their skills, experiences and qualifications to a potential employer by making a web-based video, accessible to employers via the web from anywhere in the world. The VVI, linked to the student's uploaded resume, is the latest technology for screening interviews.

Career Networking Fairs, held each semester, bring students and employers together to network and discuss employment opportunities.

Job Listings are posted on the Career Center's web site daily and include part-time jobs, internships, Cooperative Education and full-time professional vacancies.

Credential Service The Career Center partners with Interfolio, Inc., an on-line service available to students applying to graduate or professional schools, or applying for jobs requiring a credential file, dossier or portfolio.

Center for Academic Advising

Location/phone: SVC 2011, (813) 974-2645

Web address: <http://www.sa.usf.edu/advising/>

The Center for Academic Advising is dedicated to promoting the successful achievement of students' academic goals through comprehensive advising services. The Center's primary responsibility is to provide academic advising to undergraduate students, with a special emphasis on the needs of students entering a university for the first time.

The following services are provided to these undergraduate students: advisement regarding academic policies and programs, assistance in the selection of a major, administration of special programs for at risk or underprepared student

populations, and special advisement for under-represented students. The staff prepares students for entrance into all limited access majors (e.g. Education, Engineering, Business, Nursing, and Mass Communications), and evaluates and certifies all students seeking Associate of Arts certificates.

Students who are undecided about a major or who are considering a limited access major will be assigned to the Center for Advising. Appointments can be scheduled online at: www.sa.usf.edu/advising/. Limited access majors include:

- Architecture
- Business
- Education
- Mass Communications
- Nursing

The Center offers a special opportunity for new freshmen. They may participate in early advising and registration online. This "Cyber Advising Program" allows students to make contact with an advisor during the summer prior to their first enrollment in the fall and receive priority advising and course registration times for the fall.

The Center for Academic Advising encourages its students to utilize any of the following services:

- Advisement regarding academic policies, programs, and requirements
- Major selection process
- Workshops and specialized advising for students at-risk
- Preparation for limited access majors
- Evaluation of credits for an Associate of Arts Degree
- Resource for the President's Academy of Advisors

Evaluation and Testing

Location/Phone: SVC 2054; (813) 974-2742

Office Hours: 8 a.m. – 5 p.m., Monday through Friday

Web Address: <http://www.usf.edu/testing>

The Office of Evaluation and Testing serves four principal functions:

1. Admissions, Academic and Placement Testing: Tests required for admission to colleges, graduate and professional schools as well as many other special tests are administered by this office. Examples are the SAT, ACT, CPT, CLAST, GRE, MCAT, and LSAT.
2. Scanning and Scoring Services: Analysis and advisory services aid in construction and validation of tests used in classes; survey design and data analysis are also available for research purposes as well as test scoring and analysis by machine. In addition, this office coordinates the student assessment of instruction process.
3. Credit-By-Examination: The College-Level Examination Program (CLEP) is administered through this office. Information on other programs such as the Advanced Placement Test (APT) is available.
4. College Level Academic Skills Test (CLAST): This office, in addition to administering the CLAST, implements many of the rules and policies of the College Level Academic Skills Program (CLASP).

Project Thrust

Location/phone: SVC 2034, (813) 974-4227

Project Thrust is a support program established to provide personal, and academic support to undergraduates at the University. Its mission is to provide programs and activities that enhance students' opportunities to attain their education and career objectives. Utilizing established partnerships with programs, departments and colleges, Project Thrust helps the University to create an atmosphere of collaboration, mutual respect, and trust for its students, faculty and staff. The program's holistic approach to student development helps students to persist and graduate. This program contributes significantly to the University's commitment to create an environment of intellectual excellence and a culturally diverse academic community.

Project Thrust has advisors in the following colleges: Arts and Sciences, Business, Education and Visual and Performing Arts. In addition to providing advising, counseling and retention activities, Project Thrust advisors coordinate various activities to provide academic and career support.

The Freshman Summer Institute

Location/phone: SVC 2034, (813) 974-4227

Freshman year is the most crucial period for student retention and may determine the likelihood of graduation. The Freshman Summer Institute at USF promotes the academic success of first-year students and encourages higher graduation rates by providing academic support and coordinating campus services.

Freshman Summer Institute (FSI) students enter the program by participating in a six-week summer residential program. During summer semester, FSI introduces a select group of incoming freshmen to the USF community and transitions them into college life. The experience resembles a typical semester; students attend an orientation, complete a series of classes and seminars for a head start on the fall curriculum, and complete up to ten academic credits toward graduation. Support is continued fall and spring semesters for all students successfully completing the summer program.

The FSI tackles the challenges of freshman year with an active concern for students' personal and academic welfare, enhancing their academic enrichment and better orienting them to the university environment. Counselors, a crucial element of the program, personally advise, counsel, and monitor students' progress throughout the first year. Personalized attention, combined with a holistic approach for student growth, distinguishes the Freshman Summer Institute as a unique student resource.

Student Support Services Program

Location/phone: SVC 2042, (813) 974-4301

Web address: <http://www.sa.usf.edu/sss/>

Student Support Services (SSS) is a federally funded retention program designed to provide academic and personal support to students admitted via profile assessment, individuals who qualify as either having disabilities or as low income, "first generation" college students ("first generation" means that the students' parents did not earn a four year degree). The program serves a diverse student population and provides an opportunity for students who may not meet all admission criteria but whose high school records and test scores indicate the potential to succeed in college. SSS has a positive impact on student success. Its participants are retained and graduate at a rate similar to students regularly admitted to the University.

Students who participate receive personal, academic, career, financial, and tutorial assistance. Special instruction is provided in the areas of English composition, reading, and study skills.

SSS provides a summer program to ease the transition from high school to college, establish a strong academic foundation during the summer semester, and expose students to university resources and facilities. Students receive a comprehensive summer orientation, individualized academic advising, course credit toward graduation and college survival skills.

Program participants have an opportunity to join the SSS Club, which serves as a common unit for students to exchange academic information, plan cultural activities, meet former SSS participants, and conduct fund-raising activities.

Bachelor of Science in Applied Science (APS)

Location/Phone: SVC 2002; (813) 974-4051

Office Hours: 8 a.m. – 5 p.m., Monday through Friday

Web Address: <http://www.ugs.usf.edu/bsas.htm>

Workforce projections for the 21st century indicate that there will be an ongoing need for people with specific skills and

abilities to fill Florida's growing number of specialized, scientific, industrial and technological positions. Florida's two-year colleges offer many exceptional programs that meet these demands through their Associate in Science (A.S.) degrees. Although these applied and technical degrees provide excellent preparation for students seeking jobs that require specific knowledge, skill and ability, they have not generally transferred very efficiently into four-year Bachelor's degree programs. The Bachelor of Science in Applied Science (BSAS) has been developed by USF under certain provisions of Florida legislation to remove constraints from the transfer process, recognize past work as transferable credit to the university, and afford exciting new opportunities for A.S. degree holders to pursue and acquire a distinctive USF Bachelor's degree.

The BSAS program is a "capstone" degree offering A.S. degree holders an efficient pathway to a Bachelor's degree. It provides Florida A.S. transfer students with a broad educational experience and a unique academic area of concentration. The various concentrations allow students to somewhat tailor their degree to match their academic interests and career ambitions. To achieve this end, BSAS students will plan their program in ongoing consultation with an academic advisor who will help students design their individualized program of study.

Requirements for the Major in Bachelor of Science in Applied Science

Recommended Prerequisites (State Mandated Common Prerequisites)

This degree program is available ONLY to Associate in Science (A.S.) graduates from a Florida public community/junior college.

There are no State Mandated Common Prerequisites for this degree program.

Students wishing to transfer to USF must complete the A.S. degree with an overall "C" average in all college-level courses accepted for transfer credit to USF. Students are encouraged to complete at least 18 credit hours of the General Education Requirements as part of their A.S. degree, and it is highly recommended that students select Gordon Rule communication and computation courses to fulfill these requirements while at the community college.

The A.S. degree will transfer as a complete "60 credit hour package" to USF (applicable only to the BSAS program). Technical coursework will transfer as a 42 credit hour technical block. The remaining 18 credit hours of General Education coursework from the A.S. will be matched against USF requirements to determine which courses remain outstanding for fulfillment of the university's 36 credit hour General Education Requirement.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Community College Block Credit (Transferred from A.S.)	42
Community College General Education (Transferred from A.S.)	18
USF General Education	18
USF Exit Courses	9
USF Area of Concentration*	18
USF Electives**	15
Total BSAS Credit Hours	120

*Note that all BSAS Areas of Concentration are at least 18 credit hours (some require 21 credit hours).

** Elective credit hours may vary slightly, but will not require students to exceed a total of 120 credit hours for completion of the BSAS degree.

Within the 60 credit hours of USF/upper-level coursework beyond the A.S., BSAS students will complete:

- a minimum of 48 credit hours of upper-level (3000-4999) courses

- at least 30 hours of the last 60 credit hours at USF
- CLAST requirements
- foreign language requirement (can be satisfied by two years of high school foreign language credit or 8 college credit hours in a single foreign language)

Requirements for the Behavioral Healthcare Area of Concentration (ABH)

BSAS - Behavioral Healthcare Concentration (ABH) consists of 18 credit hours:

MHS 3411	Multidisciplinary Behavioral Healthcare Services	(3)
MHS 4002	Behavioral Health Systems Delivery	(3)
MHS 4408	Exemplary Practices in Behavioral Healthcare Treatment	(3)
MHS 4425	Field Experience in Behavioral Healthcare	(3)
MHS XXXX	Clinical Case Management in Community Care	(3)
AND, ONE OF THE FOLLOWING:		
MHS 4931	Selected Topics in Behavioral Healthcare	(3)
MHS 4906	Directed Study/Readings	(3)

Requirements for the Criminal Justice Area of Concentration (ACJ)

BSAS - Criminal Justice Concentration (ACJ) consists of 18 credit hours:

Only available at Lakeland or Sarasota campus

CCJ 3024	Survey of Criminal Justice	(3)
CCJ 3610	Theories of Criminal Behavior	(3)
CJL 3110	Substantive Criminal Law	(3)
CJC 4010	American Correctional Systems	(3)
CCJ 4934	Seminar in Criminology	(3)
CJE 4144	American Law Enforcement	(3)

Requirements for the General Business Area of Concentration (ABU)

BSAS - General Business Concentration (ABU) consists of 18 credit hours:

ACG 3074	Managerial Accounting for Non-Business Majors	(3)
ECO 1000	Basic Economics	(3)
FIN 3403	Principles of Finance	(3)
MAN 3025	Principles of Management	(3)
MAN 4XXX	Managerial Applications	(3)
MAR 3023	Basic Marketing	(3)

Requirements of the Early Childhood Area of Concentration (AEC)

BSAS - Early Child Development Concentration (AEC) consists of 18 credit hours:

Only available at Lakeland or Sarasota campus

EDF 4111	Child Growth & Learning	(3)
EDG 4909	Young Children w/ Special Needs	(3)
HSC 3301	Health, Safety, Nutrition & Motor Skills	(3)
EEC 4303	Creative & Affective Experiences	(3)
EEC 4408	Child, Family & Teacher Relations	(3)
PAD 4419	Personnel & Supervision	(3)

Requirements of the Environmental Policy Area of Concentration (AEP)

BSAS - Environmental Policy Concentration (AEP) consists of 19-20 credits:

EVR 2001	Introduction to Environmental Science	(3)
EVR 2001L	Intro. to Environmental Science Lab	(3)
EVR 2861	Introduction to Environmental Policy	(3)
Plus three of the following:		
PUP 4203	Environmental Politics and Policy	(3)
PHI 3640	Environmental Ethics	(3)

ECP 3302	Environmental Economics (PR: ECO 2023 Microeconomics)	(3)
POS 3697	Environmental Law	(3)
Plus one of the following:		
ANT 4147	Environmental Archaeology	(3)
BSC 4057	Environmental Issues	(3)
ECP 3613	Economics of the Urban Environment	(3)
EDF 3228	Human Behavior & Environmental Selection	(3)
EVR 4930	Selected Topics in Environmental Policy	(1-4)
GEO 4340	Natural Hazards	(4)
HIS 4936	Seminar in Environmental History	(4)
IDS 3186	Science and Ethics of Disease	(3)
WST 3225	Women, Environment and Gender	(3)

Requirements of the Gerontology Area of Concentration (AGR)

BSAS – Gerontology Concentration (AGR) consists of 21 credit hours:

GEY 2000	Introduction to Gerontology	(3)
or		
GEY 3263	Aging in the 21 st Century	(3)
GEY 3601	Physical Changes and Aging	(3)
GEY 3625	Sociocultural Aspects of Aging	(3)
GEY 4612	Psychology of Aging	(3)
Plus any three of the following:		
GEY 3323	Community Services of Older Adults	(3)
GEY 4322	Case Management	(3)
GEY 4327	Long-Term Care Administration I	(3)
GEY 4340	Housing for the Elderly	(3)
GEY 4360	Gerontological Counseling	(3)
GEY 4608	Alzheimer's Disease Management	(3)
GEY 4635	Business Management in an Aging Society	(3)
GEY 4641	Death and Dying	(3)
GEY 4647	Ethical and Legal Issues in Aging	(3)

Requirements for the Hospitality Management Area of Concentration (APU)

BSAS – Hospitality Management Concentration (APU) consists of 18 credit hours:

Only available through Sarasota campus

PREREQUISITES - 12 HOURS:

ACG 2021	Financial Accounting	(3)
ACG 2071	Managerial Accounting	(3)
MAN 3025	Principles of Management	(3)
MAR 3023	Basic Marketing	(3)

REQUIRED COURSES:

FSS 3220	Introduction to Food Production & Management	(3)
HFT 3000	Introduction to Hospitality & Tourism	(3)
HFT 3423	Hospitality Information Systems	(3)
HFT 3503	Hotel Marketing and Sales	(3)
HFT 4221	Human Resources Management	(3)
HFT 4253	Lodging Management	(3)

Requirements for the Public Administration Area of Concentration (APU)

BSAS - Public Administration Concentration (APU) consists of 18 credit hours:

PAD 3003	Introduction to Public Administration	(3)
PAD 4204	Public Financial Administration	(3)
PAD 4419	Personnel and Supervision in Today's Organizations	(3)
PAD 4712	Managing Information Resources in the Public Sector	(3)
POS 3182	Florida Politics and Government	(3)
Plus any one of the following:		
PUP 4002	Public Policy	(3)
PAD 5035	Issues in Public Administration and Public Policy	(3)

PAD 5044	Environment of Public Administration	(3)
PAD 5159	Urban Policy Analysis	(3)
PAD 5333	Concepts and Issues in Public Planning	(3)
PAD 5605	Administrative Law and Regulation	(3)
PAD 5700	Research Methods in Public Administration	(3)
PAD 5807	Urban and Local Government Administration	(3)
PAD 5836	Comparative Public Administration	(3)

Requirements for the Urban Studies Area of Concentration (AUR)

BSAS – Urban Studies Concentration (AUR) consists of 18-21 credit hours:

URS 3002	Introduction to Urban Studies	(3)
Plus any five of the following:		
ARC 4784	The City	(3)
AMS 3700	Racism in American Society	(3)
AMH 3423	Modern History	(4)
IDS 4942	Community Internship	(1-4)
ECP 3613	Economics of Urban Environment	(3)
ISS 3930	ST: Community Studies	(1-4)
SYA 4930	ST: Urban Life	(3)
GEO 3602	Urban Geography	(4)
GEO 4604	Advanced Urban Geography	(4)
PAD 3003	Introduction to Public Administration	(3)
POS 3142	Introduction to Urban Politics and Government	(3)
SOW 3203	American Social Welfare System	(3)
SPC 3710	Communication and Cultural Diversity	(3)
SYD 3700	Racial and Ethnic Relations	(3)
URP 4050	City Planning and Community Development	(3)
URP 4052	Urban and Regional Planning	(4)

Contact the BSAS Program for additional BSAS Concentrations that may have developed since the publication of this catalog.

Bachelor of Science in Hospitality Management

Program Email: hospitality@sar.usf.edu

Location: Sarasota/Manatee Campus, CPP Bldg. Suite 101

The mission of the School of Hotel and Restaurant Management at the University of South Florida is to provide excellence in teaching, research and service to all persons and to build foundations for lifelong learning. The School of Hotel and Restaurant Management prepares individuals for industry management and leadership roles in a global economy and interfaces with stakeholders to deliver hospitality professionals that add to the financial, intellectual, environmental, ethical and social growth of Florida and the Nation.

The Bachelor of Science Degree in Hospitality Management prepares outstanding individuals to be service-oriented professionals. The School of Hotel and Restaurant Management educates students to succeed at entry-level management and supervisory level positions in the hospitality industry. A general business education with specialized hotel and restaurant management courses equips the students to approach problem solving in a disciplined and systematic manner. An advisory board composed of leaders from major hospitality-related corporations and organizations that are directly involved with the review of the curriculum, school development and programming, prepares students for future career challenges.

Students should have 60 transferable hours and an overall GPA of 2.0 prior to admission to the University of South Florida.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements,

thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. (*no grade lower than a C-*):

- ACG X021 Principles of Financial Accounting
or ACG X001 and ACG X011
- ACG X071 Principles of Managerial Accounting
- ECO X013 Macroeconomics
- ECO X023 Microeconomics

Major requirements for the B. S. Degree In Hospitality Management are as follows:

Business Courses (12 Credits)

- FIN 3403 Principles of Finance
- ISM 3011 Information Systems in Organizations
- MAN 3025 Principles of Management
- MAR 3023 Basic Marketing

Hospitality Courses (36 Credits)

- FSS 3231 Introductory Food Preparation Management
- HFT 3005 Introduction to Hospitality and Tourism
- HFT 3263 Restaurant and Catering Management
- HFT 3423 Hospitality Information Systems
- HFT 3424 Cost Control in Hospitality Operations
- HFT 3503 Hotel Marketing and Sales
- HFT 3603 Law and Security for the Hospitality Industry
- HFT 4323 Facilities Mgmt for the Hospitality Industry
- HFT 4221 Human Resource Management
- HFT 4253 Lodging Management
- HFT 4471 Mgmt Accounting & Finance for the Hospitality Industry
- HFT 4930 Selected Topics in Hospitality Management
- HFT 4945 Advanced Internship (300 hours)

Communications Courses (6 Credits)

- COM 3110 Communication for Business and the Professions
or SPC 2600 Public Speaking
- ENC 3310 Expository Writing
or ENC 3213 Professional Writing

Non-Credit Major Requirement

In addition to completion of HFT 4945, students must complete an additional 700 documented working hours in the hotel and/or restaurant industry before graduation.

*FSS 3231 and HFT 3263 require a lab fee.

School of Hotel and Restaurant Management Faculty

Director: Jay R. Schrock; McKibbin Chair: John R. Walker;
Coordinator: Amanda M. Kulaw
Program Email: hospitality@sar.usf.edu Location: Sarasota/
Manatee Campus, CPP Bldg., Suite 101.

Bachelor of Science in Information Technology

The Mission of the Information Technology Program is to provide high quality educational opportunities for students interested in pursuing careers in the broad range of fields that support our computer/information-based society and economy. Additionally to utilize the resources of the program to provide service to society; and to emphasize to students the need for lifelong learning, ethical conduct and an understanding of the diverse social context in which Information Technology is

practiced. The program is offered through the Lakeland Campus.

Specifically the program aspires to:

1. Lead to the advancement of Information Technology through nationally recognized education at the undergraduate level, as well as technology transfer to regional industries and businesses;
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning;
3. Educate undergraduates in the best practices of the field as well as integrate the latest research and practices into the curriculum;
4. Emphasize the development of problem solving and communication skills as an integral component of the educational process and the later practice of the discipline;
5. Provide quality learning experiences through highly interactive techniques of course delivery that will include the use of electronic support equipment as well as newly developing distance learning technologies.

Objectives

The Information Technology program graduates will:

1. Have the requisite education and skills to be immediately employable as professionals in our computer/information-based society
2. Be prepared to enter into graduate studies in a number of related graduate programs
3. Be ethical and responsible members of their profession and society as a whole
4. Be well founded in the variety of sub-disciplines that comprise Information Technology which include basic principles of computation, mathematics, science and engineering.

The Information Technology (IT) program is designed to bridge the gap between computer science and management information systems. The emphasis of the program is on knowledge-based computer and information technology, traditional computer science concepts, as well as more practical topics including programming, applications, and networking, systems administration and the management of a variety of computing environments (in an era of rapidly changing technology). IT students will take coursework in computer organization, human-computer interface, data structures, operating systems, networking, databases, and software engineering. Electives can include such application areas as: advanced database, advanced networking, web page design and administration, and e-commerce as well as a variety of other related areas. Through a broad based set of electives, IT students will be able to tailor their program to satisfy individual preferences and strengths.

Students completing the IT program will qualify for a broad range of positions in computer-intensive businesses and industry such as: programmer analyst, systems analyst, database administrator, network administrator, computer resource manager, systems development manager, and information technology management, to name a few.

In addition to the University's graduation requirements, the program has the following policies:

1. Mandatory academic advising of each student each term,
2. Exit interviews as a graduation requirement for all students, and
3. Only grades of C and above in IT courses can be used to fulfill graduation requirements.

Four-Year Curriculum in Information Technology
Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

PSY XXXX	Any Psychology Course
STA X023	
ECO X013	
CGS XXXX	Any Database Course
COP 2XXX	Any Computer Programming Course
COP 2XXX	Any Object-Oriented Computer Programming Course
MAC XXXX	Pre-Calculus Course
PHY XXXX	Any Physics Course
M** XXXX	Discrete Mathematics Course

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

The schedule that follows indicates how a diligent student, who can devote full time to coursework, can satisfy requirements in four academic years. Students without a solid foundation, or those who cannot devote full time to academics, should plan for a slower pace.

Semester I

CGS 2100	Computers in Bus.	3
ENC 1101	Composition I	3
MAC 1140	Precalculus Algebra	3
Gen. Ed.		6
Total		15

Semester II

COP 2510	Programming Concepts	3
ENC 1102	Composition II	3
MAD 3100	Discrete Math	3
ECO 2013	Economic Principles (Macro.)	3
PSY 2012	Psychological Science I	3
Total		15

Semester II

Natural Science		3
COP XXXX	OO Programming (e.g., C++)	3
Electives		9
Total		15

Semester IV

STA 2023	Introductory Statistics I	3
PHY 2020	Conceptual Physics	3
Fine Arts		3
Electives		6
Total		15

Semester V

COP 3515	Program Design for Information Technology	3
CDA 3101	Computer Organization for Information Technology	3
ENC 3211	Communication for Engineers	3
INR 3033	International Political Cultures	3
CEN 3722	Human Computer Interfaces for IT	3
Total		15

Semester VI

EEL 4854	Data Structures and Algorithms for IT	3
COP 4610	Operating Systems for IT	3
ENC 4260	Advanced Technical Writing	3
CGS 3303	IT Concepts	3
IT Approved Electives		3
Total		15

Semester VII

CIS 4703	Database Systems for IT	3
CEN 4031	Software Engineering Concepts for IT	3
EEL 4782	Computer Information Networks for IT	3
IT Approved Electives		6
Total		15

Semester VIII

COP 4930	Information Technology Seminar	1-3
CIS 4935	Senior Project in IT	3-5
CIS 4253	Ethical Issues for Information Technology	3
IT Approved Electives		6
Total		13 - 15

INFORMATION TECHNOLOGY (IT) MINOR PROGRAMS

There are two IT Minor options available.

The **IT General Minor** (15 semester hours) is aimed at providing a good understanding of the concepts underlying Information Technology while enabling the student to choose four elective topics in which to specialize. These elective encompass a wide spectrum of topics such as programming, networking and web design, Human Computer Interface and Security Management. The outcome of this program is to build a solid culture of IT technologies and disciplines from scratch.

The **IT Technical Minor** (24 semester hours) enforces basic scientific pre-requisites and requires interested students to attend three core IT courses meant to provide them with the conceptual and technical basis necessary to successfully dwell in more advanced topics. The elective part of the IT Technical Minor is composed of two electives to be chosen from a larger set of courses including Data Base Systems and Operating System. Successful students are expected to develop a conceptual understanding of the IT field while developing programming skills they may apply to strengthen their major.

IT GENERAL MINOR

Required Course:

CGS 3303	IT Concepts	3
----------	-------------	---

Electives (choose four from list):

CDA 3101	Computer Organization for IT	3
CEN 3722	Human Computer Interfaces for IT	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
COP 3515	Program Design for IT	3
EEL 4782	Computer Information Networks for IT	3
EEL 4854	Data Structures and Algorithms for IT	3
ETG 4931	Special Topics in Technology I	1-5
ETG 4932	Special Topics in Technology II	1-5

IT TECHNICAL MINOR

Prerequisite Courses:

COP 2510	Programming Concepts	3
COT 3100	Introduction to Discrete Structures	3
PHY XXXX	Physics	3

Required Courses:

CGS 3303	IT Concepts	3
COP 3515	Program Design for IT	3
EEL 4854	Data Structures and Algorithms for IT	3

Electives (choose four from list):

CDA 3101	Computer Organization for IT	3
CEN 3722	Human Computer Interfaces for IT	3
CEN 4031	Software Engineering Concepts for IT	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
COP 4610	Operating Systems for IT	3
COP 4703	Database Systems for IT	3
EEL 4782	Computer Information Networks for IT	3
EEL 4854	Data Structures and Algorithms for IT	3
ETG 4931	Special Topics in Technology I	1-5
ETG 4932	Special Topics in Technology II	1-5

**POST-BACCALAUREATE CERTIFICATE PROGRAMS
IN INFORMATION TECHNOLOGY (IT)**

There are two Post-Baccalaureate Information Technology (IT) Certificates available. Both Certificates are designed for students who hold bachelor's degrees in fields other than IT, but do not seek either a master's degree or a complete undergraduate degree in IT.

The **IT Management Certificate** (15 semester hours) is designed to provide the student an application-oriented managerial background in IT. The typical student pursuing this certificate is not looking to change careers, but rather looking to enhance their technical abilities in their existing job. A four year Bachelor's degree plus some prerequisites are required to enter the IT Management Certificate Program.

The **IT Professional Certificate** (30 semester hours) is designed to help students change careers, i.e. begin a new career as an IT Professional. All classes (15 hours) taken in the IT Management Certificate directly apply toward the IT Professional Certificate. Therefore, each student having completed the IT Management Certificate, will only need 15 additional hours to complete the IT Professional Certificate. However, certain additional prerequisites may be required of the student prior to taking the advanced technically oriented classes contained in the IT Professional Certificate.

Students wanting to enter one of the IT Certificate programs, need to fill out an application to apply and have an official transcript sent from the College or University where they completed their undergraduate degree. The transcript is used to first verify that the student completed their undergraduate degree and second to identify if any additional prerequisite classes that may be required.

IT MANAGEMENT CERTIFICATE

The prerequisites to enter the IT Management Certificate program is a four year undergraduate degree plus the following:

1. MACxxx Pre-Calculus 3 hrs.
2. STA2023 Intro. To Statistics 3 hrs.
3. Any Basic Computer Skills Course 3 hrs.

(Word Processing, Spreadsheets, Windows, etc.)

NOTE: The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Management Certificate program, the student must complete 15 hours selected from the following:

ETG 4931	Special Topics in Technology I	1-5
CEN 3722	Human Computer Interfaces for IT	3
ETG 4932	Special Topics in Technology II	1-5
COP 4930	Information Technology Seminar	1-3
CIS 4935	Senior Project in Information Technology	3
ENC 4260	Advanced Technical Writing	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
	IT Current Topics	3
	IT Approved Elective	3

IT PROFESSIONAL CERTIFICATE

The prerequisites to enter the IT Professional Certificate program is a four year undergraduate degree plus the following:

1. STA 2023 Intro. To Statistics 3 hrs.
2. CGS xxxx Any Data Base 3 hrs.
3. COP2xxx Computer Programming 3 hrs.
4. COP2xxx OO Programming 3 hrs.
5. MAC xxxx Pre-Calculus 3 hrs.
6. xxxx Discrete Mathematics 3 hrs.

NOTE: The course numbers may be different depending on the university. IT advisors will make the determination whether or

not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Professional Certificate program, the student must complete the following 30 hour program:

Required courses for the IT Professional Certificate (12 credit hours):

COP 3515	IT Program Design	3
COP 4610	Operating Systems for IT	3
COP 4610L	Operating Systems Laboratory for IT	1
CDA 3101	Computer Organization for IT	3
EEL 4854	Data Structures and Algorithms for IT	3

Electives (18 credit hours):

ETG 4931	Special Topics in Technology I	1-5
CEN 3722	Human Computer Interfaces for IT	3
CIS 4703	Database Systems for IT	3
CEN 4031	Software Engineering Concepts for IT	3
EEL 4782	Computer Information Networks for IT	3
EEL 4782L	Information Networks Laboratory for IT	1
COP 4930	IT Seminar	1-3
CIS 4935	Senior Project in IT	3-5
ENC 4260	Advanced Technical Writing	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
	IT Current Topics	3
	IT Approved Elective	3
Total		30

Information Technology Faculty

Chair: A. Karshmer; Faculty: W.D. Armitage, F. Fleschute, A. Gaspar, B. Harding.

**Aerospace Studies
Air Force ROTC**

Location/Phone: BEH 360; (813) 974-3367

Office Hours: 8 a.m. – 5 p.m., Monday through Friday

Web Address: <http://web.usf.edu/~airforce/>

The Air Force Reserve Officers Training Corps (AFROTC) curriculum includes 12-16 course hours of instruction by active duty Air Force officers over a one- to four-year period. A student who completes the AFROTC program will receive an Air Force commission as a second lieutenant and is guaranteed a position in the active duty Air Force at a starting pay of approximately \$36,000 per year.

AFROTC is offered as a one-, two-, three-, or four-year program. The three- and four-year programs normally require a student to successfully complete all degree requirements for award of a bachelor's degree, 14 or 16 course hours of AFROTC classes respectively, and a four-week field training encampment between his/her sophomore and junior years. The two-year program gives students who do not enroll in AFROTC during their freshman and sophomore years the opportunity of taking AFROTC. Students should apply for the two-year program by December of the sophomore year. The one-year program is provided to students entering their senior year - per the needs of the Air Force. The student attends a five-week field training encampment in the summer prior to program entry. Upon entering the program, the students then complete all undergraduate degree requirements, and 12 credit hours of AFROTC courses.

ROTC students take a 1.8 hour non-credit leadership laboratory in addition to the academic classes. Students wear the Air Force uniform during these periods and are taught customs and courtesies of the Air Force. Leadership Laboratory is open to students who are members of the Reserve Officer Training Corps or are eligible to pursue a commission as determined by the Professor of Aerospace Studies.

AFROTC 4, 3, 2, and 1-year scholarships are available for eligible applicants. These scholarships pay all tuition, fees, books, and a \$250-\$400 per month tax-free stipend. Non-scholarship sophomores are eligible for the General Military Course Incentive, receive up to \$1,500 in tuition. Non-scholarship students in the final two years of the program are eligible

for the Professional Officer Course Incentive (POCI) and a monthly \$350-\$400 tax-free stipend. Qualified POCI students receive up to \$3,850 a year which covers tuition, fees, and books. Those interested in more information about scholarship criteria should contact the AFROTC Department.

Students interested in enrolling in the programs can begin registration procedures through the ROTC office in BEH 360 or by registering for the appropriate "AFR" course through university registration. Veterans, active duty personnel, and graduate students are encouraged to inquire about special accelerated programs designed for them. The AFROTC phone number is (813) 974-3367.

Minor in Aerospace Studies

In order for the student to minor in Aerospace Studies a minimum GPA of 2.0 is required in all courses used to satisfy the minor. A minimum of 12 semester hours of the 16 semester hours required must be earned at USF. Grades less than "C" (GPA of 2.0) or "S" grades will not be accepted. Students will not be able to use credit through exam or independent study for application to the minor. This program will provide the student an understanding of management and leadership concepts as they relate to military officers. In addition, students will analyze the evolution of American defense policy and strategy. Special emphasis is placed on developing the student's communication skills.

Specific Course Requirements for the Minor:

a. Total credit hours required:	16
b. Required courses:	
AFR 3220 Air Force Leadership and Management I	3
AFR 3231 Air Force Leadership and Management II	3
AFR 4201 National Security Forces in Contemporary American Society I	3
AFR 4211 National Security Forces in Contemporary American Society II	3
c. Other specifications: combination of 4 credit hours from any of the military elective courses below:	
AFR 1101 The Air Force Today: Organization and Doctrine	1
AFR 1120 The Air Force Today: Structure and Roles	1
AFR 2130 U.S. Air Power: Ascension to Prominence	1
AFR 2140 U.S. Air Power: Key to Deterrence	1
AFR 2940 Basic Aerospace Internship	
Optional Courses:	
MSL 1001C Fundamentals of Officership	2
MSL 1002C Basic Leadership	2
MSL 2101 Leadership and Teamwork	2
MSL 2102 Leadership and Teamwork	2
MSL 3201C Leadership and Problem Solving	3
MSL 3202C Leadership and Ethics	3
MSL 4302C Officership	3

Aerospace Studies Faculty

Professor: Robert J. Butler; Assistant Professors: Chris Carmichael, Tracey Richardson, Susan Welch.

Military Science

Army Reserve Officer's Training Corps (ROTC)

Location/Phone: BEH 360/(813) 974-4065

Office Hours: 8 a.m. - 5 p.m., Monday through Friday

Web Address: <http://web.usf.edu/~usfarotc/>

Email Address: armyrotc@arotc.usf.edu

The Department of Military Science for Army Reserve Officers Training Corps (ROTC) was established to select and prepare students to serve as officers in the Regular and Reserve components of the United States Army. The curriculum is designed to develop students' leadership potential and

improve students' planning, organizational, and managerial skills.

Army ROTC training is divided into two phases: the first two years constitute the Basic Course; the last two the Advanced Course. The Department offers both a four- and a two-year program, each leading to a commission as a **Second Lieutenant** in the United States Army. The four-year program requires completion of the Basic Course, a five-week field training course, and the Advanced Course. Students with prior active military service or previous training at military schools may be exempt from some or all of the Basic Course. Students with questions concerning the various options should contact the Professor of Military Science for more information. Enrollment is open to qualified students at all levels, including graduate students. Offerings are published each semester.

Army ROTC training provides scholarships, pay, free uniforms and textbooks. Scholarships are awarded on a competitive basis in all academic majors. The scholarship pays full tuition, books, lab **and mandatory** fees, and certain other academic expenses. All Advanced Course and scholarship students receive a monthly subsistence payment that ranges from \$250.00 as a freshman to \$400.00 as a senior. This is in addition to the pay of approximately \$700.00 while attending the five-week field training course at the **Leadership Development and Assessment Course at Fort Lewis, Washington.**

Additional skills training: Airborne School, Air Assault School, and the Northern Warfare School are available to both Basic and Advanced Course students during semester breaks. Additional skills training is also available during the academic year to include first aid, rappelling, orienteering, etc.

Basic Course: The Basic Course consists of four semesters of classroom instruction of one hour each week **and a leadership lab**. Students incur no military commitment by participating in the Basic Course. **In lieu of attending the basic course classroom instruction, a student may attend the four-week Leadership Training Course at Fort Knox, Kentucky during the summer of the student's sophomore year.**

Advanced Course: The Advanced Course consists of four semesters of classroom instruction of three hours each week, **leadership lab, physical fitness and field training exercises**, and a five-week training phase at **Leadership Development and Assessment Course**. The Advanced Course is designed to prepare the student who desires to be a Professional Army Officer for duty, either Active Army, Reserve or National Guard. **Additional follow-on training is available to selected cadets at both US based and overseas active Army units.**

Job Opportunities: The newly commissioned officer can be guaranteed Reserve or National Guard duty, or compete for an Active Duty commission. Prior to commissioning the student may request to serve in a number of career fields to include aviation, engineering, medical, law, law enforcement, logistics, and personnel administration.

Requirements for an ROTC Commission: Students who desire to earn a commission as a **Second Lieutenant** in the United States Army must meet the following requirements: four semesters of the ROTC Advanced Course, successful completion of the Professional Military Education Courses (written communication skills, computer literacy, and military history), attendance at **Leadership Development and Assessment Course**, maintain and graduate with a minimum of a 2.0 GPA, successful completion of the Army Physical Fitness Test, compliance with the Army height and weight standards, and other requirements of the United States Army.

Minor in Military Science

The minor in Military Science entails a 18-hour program organized and coordinated through the Department of Military Science. A minimum of 14 of the 18 hours must be earned at USF and the student must maintain a 2.0 GPA in the minor. A minimum grade of "C" or better must be maintained in each course. "S" grades will not be accepted. This program is designed to provide the student with an in-depth understanding of Army leadership doctrine and the fundamental principles

by which Army leaders act to accomplish their mission. This minor lays out a leadership framework that allows students to apply leadership concepts learned in the classroom. Additional emphasis is placed on character development, oral and written communication, physical and mental fitness, and military small unit operations.

Required courses: (Total of 14 Credit Hours)

MSL 3201C Leading Teams	(3)
MSL 3202C Leading Small Units	(3)
MSL 4301C Leadership Development	(3)
MSL 4302C Preparing for Army Leadership	(3)
MSL 2900* Army Physical Readiness	(1)

*repeated for two semesters; may be repeated up to four semesters, however only two credits will count toward minor

Other specifications: combination of 4 credit hours from any of the military elective courses below:

MSL 1001C Leadership in the Army Profession	(2)
MSL 1002C Leadership Models and Methods	(2)
MSL 2101C Leadership in Changing Environments	(2)
MSL 2102C Leadership and Teamwork	(2)
MSL 2901 Basic Leader Training	(4)
MSL 4930 Advanced Directed Study and Research	(1-3)
AFR 1101 The Air Force Today: Organization and Doctrine	(1)
AFR 1120 The Air Force Today: Structure and Roles	(1)
AFR 2130 U.S. Air Power: Ascension to Prominence	(1)
AFR 2140 U.S. Air Power: Key to Deterrence	(1)
AFR 3220 Air Force Leadership and Management I	(3)
AFR 3231 Air Force Leadership and Management II	(3)
AFR 4201 National Security Forces in Contemporary American Society I	(3)
AFR 4211 National Security Forces in Contemporary American Society II	(3)

Military Science Faculty

Professor: Joseph M.J. Kools; *Assistant Professors:* Daniel Eadens, Scott Macksam, Jason Miller, Kathleen Porter.

**Naval Science
Naval ROTC**

Location/Phone: BEH 301

Office Hours: 8 a.m. – 5 p.m., Monday through Friday

Web Address: <http://web.usf.edu/nrotc>

Email Address: naval@nrotc.usf.edu

The Naval Science Program at the University of South Florida is administered by the Naval Reserve Officers Training Corps (NROTC) Unit. This program affords selected men and women the opportunity to receive instruction in Navy specified courses which, in conjunction with the baccalaureate degree, will qualify them for a commission in the United States Navy or Marine Corps. Students enrolled in the university who are physically and mentally qualified are eligible to apply for the NROTC program. As naval officers, USF NROTC graduates become eligible for varied careers, serving in aviation squadrons, on surface ships, on submarines in the nuclear power programs, at naval installations all over the world, or in the numerous sub-specialties as an officer of the Marines Corps. With the consent of the Professor of Naval Science, any student, although not enrolled in the NROTC program, is eligible for enrollment in naval science courses. The USF NROTC Unit offers participation through four programs: (1) the Navy-Marine Corps Scholarship Program, (2) the Navy-Marine Corps Four-Year College Program, (3) the Two-Year NROTC College Program, and (4) the Two-Year NROTC Scholarship Program.

The Navy-Marine Four-Year Scholarship Program—The NROTC National Scholarship Program is open to young men and women of all races, creeds, and national origin who are United States citizens. Students are selected on their own merit

to become officers in the United States Navy and Marine Corps. Scholarship students are appointed Midshipmen, U.S. Navy Reserve. The Navy pays for tuition, fees, textbooks, uniforms, and a monthly subsistence allowance of up to \$400.00 for four years. Scholarship students are normally selected through national competition during their senior year in high school. Each year, ten Professor of Naval Science scholarships are available through a competitive selection process to Black and Hispanic students with academic potential who have yet to demonstrate their performance in a college environment or who have completed at least one, but not more than two semesters of course work at the university with a cumulative GPA of 3.0 or better and with no grade below "C". Although it is not a requirement, a student in the NROTC Scholarship Program is encouraged to pursue a major in engineering, mathematics, chemistry, or physics to meet the technological requirements of the Navy. Other fields of study for a major leading to a baccalaureate degree are permitted, with the approval of the Professor of Naval Science. Regardless of the major, every scholarship student must complete one year of physics and one year of calculus.

Students must include certain Navy specified courses in their program and complete a program of courses as prescribed by the professor of naval science. Upon graduation, and successful completion of the naval science curriculum, the midshipman will receive a reserve commission as Ensign in the U.S. Naval Reserve or Second Lieutenant in the U.S. Marine Corps Reserve and serve on active duty for a minimum of four years.

The Navy-Marine Four-Year Corps College Program—The NROTC College Program is designed to train and educate well-qualified young men and women for commissioning. Selected students are appointed as midshipmen in the Naval Reserve prior to commencement of the advanced course in the junior year. The Navy pays for uniforms and naval science textbooks all during the four-year period, and during the junior and senior years, pays the midshipman up to \$400.00-per-month subsistence allowance. Each student is selected for enrollment in the program on the basis of past academic performance, potential, personal interviews, and a physical examination. A college program midshipman only acquires a military service obligation after entering the advanced courses at the beginning of the junior year.

Although there are no restrictions on the major college program students may pursue, it is highly recommended that they pursue a course of study similar to that of scholarship students. Students must also include in their program certain Navy specified courses and a program of courses in naval science. Students, upon graduation and successful completion of the naval science curriculum, receive a Reserve commission as an Ensign in the U.S. Naval Reserve or a Second Lieutenant in the U.S. Marine Corps Reserve and serve on active duty for a minimum of three years.

Two-Year NROTC College Program (Non-Scholarship)—The USF NROTC offers on a limited basis a two-year non-scholarship program which is designed specifically for students commencing their third year of college, who were not enrolled in the NROTC program during their freshman and sophomore years. Applications must be submitted during the sophomore year by the first of March to permit processing, personal interviews, and a physical examination. Qualifications for acceptance to this program include demonstrated ability to complete college level science and math courses. Upon acceptance into this program, the student attends a six-week intensive course at the Naval Science Institute in Newport, Rhode Island, in the summer prior to commencing the junior year of study. Students in a five-year engineering curriculum may attend the institution between their third and fourth years. The six-week summer course qualifies the student for enrollment in the NROTC program at the junior level. During the student's attendance at the Naval Science Institute, the Navy provides

room and board, books, uniforms, and transportation from home and return, as well as pays the student approximately \$365.00 month. Upon successful completion of the course, the Navy pays for uniforms, naval science textbooks, and up to \$400.00 subsistence allowance.

Students must also include in their program certain Navy specified courses and a program of courses in naval science. Students, upon graduation and successful completion of the naval science curriculum, receive a Reserve commission as an Ensign in the U.S. Naval Reserve or a Second Lieutenant in the U.S. Marine Corps Reserve and serve on active duty for a minimum of three years.

Two-Year NROTC Scholarship Program—The two-year scholarship program is administered in the same manner as the two-year non-scholar-ship program, except that a student who has excelled in a math, physical science, or engineering major and who has demonstrated above average performance in integral calculus may be selected for a two-year full tuition scholarship, to be awarded upon successful completion of the six-week period of training at the Naval Science Institute. In addition to the full-tuition scholarship, the student will receive up to \$400.00 subsistence per month, books, and lab fees.

Regardless of the major, every scholarship student must complete one year of calculus based physics and one year of calculus. Students must include certain Navy specified courses in their program and complete a program of courses as prescribed by the professor of naval science. Upon graduation, and successful completion of the naval science curriculum, the midshipman will receive a reserve commission as Ensign in the U.S. Naval Reserve or Second Lieutenant in the U.S. Marine Corps Reserve and serve on active duty for a minimum of four years.

Summer Training—The NROTC Four-Year Scholarship Program student is required to complete training of approximately four weeks during each of the three summer recesses. During the first summer period, each scholarship student will receive instruction in aviation training, marine combat training, surface warfare indoctrination, and submarine indoctrination either in Norfolk, Virginia or San Diego, California. During the third summer, candidates for U.S. Navy commissions will perform training aboard operational ships as a junior officer. The student who qualifies for nuclear propulsion training may elect to cruise on nuclear powered ships or submarines. Some midshipmen cruise with allied navies through the Midshipman Foreign Exchange Program. Transportation costs to and from the training sites, subsistence, quarters, and pay of approximately \$365 per month will be paid to every participating student. The candidates for U.S. Marine Corps commissions will perform training at the U.S. Marine Corps Base, Quantico, Virginia. The Marine Option NROTC Summer Training Program, "Bulldog," is designed to prepare mid-shipmen for appointment to commissioned grade by providing basic military instruction and physical training. An evaluation of midshipmen is made to ensure that they possess the leadership, academic, and physical qualifications required for appointment to commissioned grade in the Marine Corps Reserve. Female midshipmen participate in all NROTC curriculum requirements and activities, including cruises aboard selected ships. A woman who has qualified for Marine Option NROTC Summer Training at Quantico attends the Woman Officer Candidate Course in Quantico, Virginia.

Specified University Courses: In addition to satisfying requirements for a baccalaureate degree, the student must satisfactorily complete the following four-year curriculum guide, including required naval science courses and specified university courses.

Freshman Year	<i>Sem. Hrs.</i>
NSC 1110 Introduction to Naval Organization (Note 1)	3
NSC 1140 Sea Power and Maritime Affairs (Note 1)	3
NSC 1110L Naval Science Laboratory	0

Sophomore Year

NSC 2121 Naval Ships System I (Note 1)	3
NSC 2231 Principles of Naval Management I	3
NSC 2221 Evolution of Warfare (Note 2)	3
NSC 1110L Naval Science Laboratory	0
MAC 2311, 2312 Calculus I, II (Note 3)	8

or

MAC 2281, 2282 Engineering Calculus I, II	8
---	---

Junior Year

NSC 2212C, 3214C Navigation I, II (Note 4)	3
NSC 1110L Naval Science Laboratory	0
Computer Science Elective (Note 5)	3
PHY 2048, 2049 Physics I, II (Note 3)	10

Senior Year

NSC 3122 Naval Ships Systems II (Note 4)	3
NSC 4232 Principles of Naval Management II	3
NSC 4224 Amphibious Warfare (Note 2)	3
NSC 1110L Naval Science Laboratory	0

NOTES:

- (1) Undergraduate naval sciences required to be completed for a scholarship student before Fall Semester junior year.
- (2) Required of Marine Option midshipmen only
- (3) One year each of calculus and calculus based physics is required for every Navy option scholarship student. It is recommended but optional for College Program and Marine Options.
- (4) Upper division Naval Sciences required of Navy Options are not required of Marine Options.

Furnished Items—All uniforms, textbooks, and equipment needed by the student for naval science courses are furnished by the Navy.

Use of Navy Science courses as University Electives—Academic departments within the university may, according to their own policies, accept naval science courses as electives to fulfill requirements in their academic program.

Naval Science Minor—Upon successful completion of the four-year Naval Science Program, a student may be awarded a minor in naval science. Specific requirements should be arranged with the student's academic department.

Naval Science Laboratory—The naval science curriculum includes a weekly three-hour laboratory covering professional and military subject matter. Attendance is mandatory for all midshipmen.

Naval Science Faculty

Professor: Anthony J. Dzielski; *Assistant Professors:* Henry Allen, David Davis, Steve DeMatteo, Gary Dubia, John Sarao.

STUDENT LEADERSHIP MINOR

The minor in Leadership Studies consists of a minimum of 18 credit hours with a "B" average (3.0). All students shall complete the first courses in the sequence and select four additional courses from the list of approved courses for the program. The series of courses is designed to help students develop personal and organizational leadership skills. The program is interdisciplinary in nature and should be of significant benefit to students in all areas of study.

The seven courses are designed to give students a practical and theoretical grasp of leadership. The basic assumption is that leadership can be learned and, therefore, taught. This program has a unique approach to leadership education that combines practical theories of leadership and learning to provide opportunities for students to study the nature of authority, leadership, social and role dynamics, political processes and the values that orient their careers. Students learn personal, diagnostic, operational, and tactical skills. In these classes, students are challenged to investigate self, context, and strategy.

184 UNDERGRADUATE STUDIES

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Required Courses (6 hours):

SLS 2260 Leadership Fundamentals	3
SLS 4272 Survey of Leadership Readings	3

Elective Courses (12 hours):

SLS 3930 Selected Topics in Leadership	1-4
SLS 3948 Community Leadership Practicum	3
SLS 4271 Organizational Theories and Processes	3
SLS 4273 Theories of Leadership	3
SLS 4274 Ethics and Power in Leadership	3
SLS 4276 Images of Leadership in Print and Film	3

COLLEGE OF VISUAL & PERFORMING ARTS

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

The College of Visual and Performing Arts exists in the context of a dynamic, contemporary, urban, research university setting, characterized by its cultural diversity. The College provides opportunities for students to develop their interests and talents to the fullest whether they wish to pursue a creative or performing career, a teaching career, or life-long artistic enrichment.

Mission

The mission of the College of Visual & Performing Arts is to conduct creative research and to educate, challenge, and inspire students for leadership in the arts. The College provides an environment that is imaginative, significant, and contemporary, and engages with local, national and international communities in arts initiatives.

The College of Visual and Performing Arts is a unique entity housing the School of Art and Art History, the School of Music, and the School of Theatre and Dance. The Institute for Research in Art includes the Contemporary Art Museum, Graphicstudio, and the program for Public Art. All serve multiple academic purposes within the College of Visual and Performing Arts as well as enrich the cultural environment within the university community. More information about each program is available on the College website at <http://www.arts.usf.edu/>.

College Activities and Events

The College of Visual and Performing Arts arranges a full schedule of concerts, plays, lectures, films, and workshops featuring students, faculty, and visiting artists. Events are open to the general public and are presented both during the day and in the evening. Special ticket privileges are available to USF students. For more information, contact the College of Visual and Performing Arts Events Office.

Visiting Artist Program and Artist-in-Residence

The College of Visual and Performing Arts is committed to creating and cultivating an artistic environment to enhance the total learning experience of its students and the community at large. Each year performing groups and internationally recognized visual artists are invited to the campus for a period of residency. The visiting artists provide opportunities for students and the community to participate in their teaching, creative, and performing abilities.

Institute for Research in Art

USF's Institute for Research in Art houses the Contemporary Art Museum, Graphicstudio and the program for Public Art. The IRA is dedicated to an international artists' residency program that brings to the University and Tampa Bay community today's most accomplished and influential artists working in the international arena. Exhibitions, collection development, publication of limited edition graphics and sculpture multiples, commissioned public art works, lectures, symposia, workshops and special events are designed to foster awareness about the role of contemporary artists in shaping our culture and society.

Contemporary Art Museum

The Contemporary Art Museum presents exhibitions that focus on contemporary art and also showcase the work of faculty, students and alumni. The exhibitions and art collection serve as an integral part of the studio and art history curriculum of the School of Art and Art History. Educational programs are offered to the University and Tampa Bay community. The Contemporary Art Museum houses the USF art collection that is composed of original graphics, drawings, photographs, and African and Pre-Columbian artifacts.

Graphicstudio

Graphicstudio was founded in 1968 as an experimental, research-oriented collaborative workshop in the College of Fine Arts. Over sixty leading international artists have created more than 400 limited-edition fine art works at Graphicstudio, in intaglio, photogravure, lithography, relief, serigraphy, sculpture, and artist books. Graphicstudio's works are archived at the National Gallery of Art in Washington, D.C., the only university-based workshop so honored. Graphicstudio offers unique opportunities for graduate students to work and learn in a professional environment. Offerings include classes, conferences, internships and graduate assistantships in printmaking, sculpture fabrication, curation, education and arts administration.

Contemporary Arts Program

In conjunction with the Endowed Chair and program in Contemporary Art History, the College promotes understanding of contemporary art practice and provides opportunities for persons interested in a critical and research oriented engagement with contemporary discourse.

The British International Theatre Program

The BRIT program provides residencies for major British theatre artists to work from two to eight weeks each year in master classes and Theatre productions. This private/public-endowed partnership creates a rich learning and performing environment for theatre students.

The John W. Holloway Endowed Chair in Theatre and Dance

The Holloway endowment provides short and long term working residencies for major dance and theatre artists in master classes and on productions in dance and theatre. This program fosters original, contemporary, and traditional dance compositions and theatre works enhanced by visiting artists working in collaboration with faculty and students.

SYCOM (Systems Complex for the Studio and Performing Arts)

SYCOM offers facilities for all different fields of professional audio, from analog synthesis to MIDI to digital recording. Through a wide range of courses, students learn techniques of the professional recording studio and the skills to record and produce live music, as well as modern digital audio editing and mastering.

Music Festivals

The School of Music sponsors a variety of Festivals for high school students. Among these are the Festival of Winds which enjoys a tradition of more than 25 years on the USF campus, the Festival of Voices which brings talented high school vocalists to campus to experience choral singing under the direction of USF faculty and guest conductors, and the Festival of Strings that features orchestral and chamber music experiences. All the Festival programs provide an opportunity for participants to experience an intensive and high level musical experience while enjoying the fellowship of other talented musicians in the context of a supportive and educational atmosphere provided by the faculty and students of the School of Music. For details about each program, contact the Coordinator of Admissions in the School of Music.

BACCALAUREATE-LEVEL DEGREE PROGRAMS

The College of Visual and Performing Arts offers four undergraduate degrees:

Bachelor of Arts (B.A.) in Art (concentrations in Studio Art or Art History), Dance, Music, and Theatre
 Bachelor of Music (B.M.) in Music
 Bachelor of Fine Arts (B.F.A.) in Studio Art, Theatre Design, or Dance Performance

Undergraduate Admission to the College of Visual and Performing Arts

Admission to the College of Visual and Performing Arts is contingent on acceptance into the university through the USF Office of Admissions. Additionally, students who wish to major or minor in art, dance, music, or theatre should contact the respective School. Admission is open for Theatre majors. Auditions are required for admission to the Dance program and the School of Music and must occur on specific dates as posted by those programs. The School of Art and Art History requires the completion of a core curriculum (ART 2201C, ART 2203C, ARH 2050 or 2051, and ART 2301C) and a satisfactory portfolio review of all candidates seeking admission to the B.A. in Studio Art or the B.F.A. in Studio Art. Specific dates will be posted by the program. Students who have not presented an acceptable portfolio on the posted date prior to orientation and registration will not be admitted into the School. The B.A. in Art History does not require a portfolio review. Please note, however, that Art History majors may take only those studio courses mandated by the state for their degree program. Art History students who wish to take other studio courses, or to double major, must successfully fulfill the requirement for portfolio review at the regularly scheduled time. Transfer students who wish to major in Studio Art must complete the equivalent core curriculum and pass a regularly scheduled portfolio review prior to admission to the School of Art and Art History. All prospective students in the College of Visual and Performing Arts must complete the necessary forms in the Office of Student Services and Advising in FAH 120 in order to be on file as majors or minors.

Although the Theatre program is an open admission programs, transfer students and current USF students who request admission to this program must be placed according to their abilities. Theatre students wishing to concentrate in performance or design must audition or have a portfolio review for acceptance into the upper-division concentration courses. Dance and music students must complete successful auditions prior to Orientation and registration for their home unit's core courses. Art students must successfully complete a scheduled portfolio review prior to Orientation and registration.

Students with previously earned college credit, who request admission to the College of Visual and Performing Arts are required to provide copies of their transcripts to their advisors for the purpose of deciding which credits can apply to their degree program at USF. Copies of catalog pages with course descriptions from previous institutions are needed for each course being transferred for degree requirements. A minimum grade of "C" is usually necessary for courses in the concentration.

Visual and Performing Arts Advising

The College of Visual and Performing Arts (CVPA) Office of Student Services and Advising, located in the Fine Arts building, offers a comprehensive service to all students in CVPA and advice to non-majors who are interested in taking CVPA courses. The service includes Preview USF, Fantastic Friday, registration, academic advising, scholarships, graduation certification, mentorship programs, and referrals to other university and community-based services and career-related opportunities. Three major-field advisors (art, music, theatre/dance), Advising Coordinator, and support staff work with students toward their matriculation according to curricular outlines. However,

the student must remember that he or she is ultimately responsible for meeting all graduation requirements.

The goals of the office of Student Services and Advising are to:

- Help students clarify their life and career goals
- Help students develop their educational plans
- Help students select appropriate courses
- Help students interpret institutional requirements
- Evaluate student progress toward established goals
- Facilitate total student development
- Foster the development of individual student's talent to the fullest

Advising Office

Tampa Campus: College of Visual and Performing Arts (FAH), Room 120, (813) 974-3660.

Office Hours

Usual office hours are 8 a.m. - 5 p.m., Monday - Friday.

General Requirements for B.A. Degrees Within the College of Visual and Performing Arts

1. All degree programs require 120 credit hours.
 2. General Education Requirements may be satisfied by (1) completing the university's General Education Requirements, (2) completing the A.A. degree from a Florida Junior or Community College, or (3) completing the general education requirements from another Florida state university. General education courses transferred from other accredited institutions will be evaluated based on USF General Education equivalencies. The A.A. degree is in no way a requirement for acceptance into the College of Visual and Performing Arts (or into any one of its upper-level degree programs), or a requirement for graduation from the university.
 3. Students admitted to the College of Visual and Performing Arts with transfer credits, or former students returning with credits dating ten or more years prior to admission (or readmission), will have those credits reviewed by the College and department/school and may be required to take specified competency tests in their major area.
 4. All majors in the College of Visual and Performing Arts, at the discretion of the disciplines, must take six fine arts credit hours in a field other than the major discipline. Transfer of degree fine arts credits must be evaluated by an advisor. Fine Arts courses for this requirement may be taken as S/U grading at the discretion of the instructor.
 5. A maximum number of ROTC credits totaling no more than the maximum allowed in the Free Elective Area for each major may be counted toward all degrees.
 6. A maximum of four credit hours of elective Physical Education credits taken at USF may be counted as general elective credit toward all degrees.
 7. Students must satisfactorily meet the College Level Academic Skills Test CLAST requirement and the writing and computation course requirement of 6A-10.30 (Gordon Rule).
 8. Students applying for a B.A. degree must demonstrate competency in a foreign language as described under Foreign Language Competency Policy of this catalog.
 9. For degree programs, see requirements listed under each School.
 10. A minimum of 20 credit hours in the major unit must be earned in residence. This requirement, however, may be waived by the school based on examination (e.g., portfolio review, audition). A student must also earn 30 of the last 60 hours of credits in residence at USF. However, any course work to be taken and any credits to be earned outside of the university must have prior approval from the appropriate school and the college in order to apply these credits toward graduation.
- Waiver of prerequisite course work totaling no more than 12 credit hours in the major or Visual and Performing Arts College requirements is possible by demonstration of competence.

Unless credit is awarded by approved official tests, i.e., A.P., CLEP, the credit hours must be made up according to school or college recommendations. A faculty committee conducts waiver reviews. Specific questions concerning program requirements for all degrees in the College or other related problems should be directed to the College of Visual and Performing Arts Coordinator of Advising.

College Policy for Academic Progress

The following criteria will serve as the bases for disenrollment from a major in the College of Visual and Performing Arts:

1. Grade point average below 2.0 in the major.
2. Recommendation by major applied (studio) art, dance, music or theatre faculty with approval of respective school director.
3. The school may recommend probationary status (rather than disenrollment) for one semester when academic progress is not maintained.

Contracts and Permission Procedures

Directed Studies Contracts

All Directed Studies and other variable credit courses in the College of Visual and Performing Arts require contracts between students and instructors describing the work to be undertaken by the student and specifying the credit hours. These contracts are to be completed in quadruplicate and appropriately signed. It is the student's responsibility to obtain the necessary signatures and make the required distribution of all copies. *Important:* the student *must* have his/her signed copy of a contract at the time of registration.

S/U Grade Contracts

The College of Visual and Performing Arts requires that any S/U grading agreement entered into between student and instructor be formalized by a contract in quadruplicate signed by the student and the instructor and distributed according to instructions.

"I" Grade Contracts

Incompletes must be contracted for by mutual agreement between student and instructor, with the contract describing specifically the amount and nature of the work to be completed for the removal of the incomplete grade. This contract additionally clearly specifies the date that the work will be due (within legal limits) for grading. Both the student and the instructor must sign this contract and the four copies must be distributed according to instructions. **A student must not register for a course again to remove an "I" grade.**

Permission Procedures

Admission into some courses is possible only by consent of instructor (CI), consent of chairperson (CC), consent of advisor, or by audition or portfolio review. When such special permission is required, it will be the student's responsibility to obtain any required permission prior to registration.

S/U Grading in the College

1. Non-majors enrolled in courses in the College of Visual and Performing Arts may undertake such courses on an S/U basis with instructor approval. See Contracts and Permission Procedures for information concerning S/U Grade Contracts.
2. Credits earned by a non-major student with an "S" grade will not count toward the student's minimum major course graduation requirement should that student ultimately decide to become a major student in one of the four arts disciplines in the College. Instead, such credits earned with an "S" grade will be assigned to the student's Free Elective category (with the exception of music, which will become non-countable).
3. Although Visual and Performing Arts majors may take coursework in their major as Free Electives, they are not entitled to the S/U grading option for these courses taken in their major subject area, even when specifically used or intended to be used as Free Electives.

4. In the College of Visual and Performing Arts, the only S/U graded courses available to a major student in his/her major subject area are those curriculum allowable courses designated S/U (that is, S/U only).

5. A maximum of 9 credit hours of S/U credits in non-major courses may apply towards a degree in the College of Visual and Performing Arts.

Please refer to Academic Policies section for more information concerning the university's S/U Grading policy.

Dean's List Honors

See Academic Policies and Procedures, Programs and Services.

Interdisciplinary Study

There is no formal interdisciplinary arts degree offered in the College of Visual and Performing Arts. However, it is possible for a student to pursue such a program of study in the College by utilizing free electives allowed in the major program. A student may also choose a double undergraduate major in two units or arts disciplines within the College of Visual and Performing Arts as a means of interdisciplinary study. See the major advisor in the programs of particular interest.

Minor Programs

The College of Visual and Performing Arts offers minor programs in Art, Dance, Music, and Theatre. Majors in the College of Visual and Performing Arts may pursue a minor in any certified minors program at USF except within the same arts discipline as the major. The requirements for these programs are located under the school academic program descriptions and also require that a minimum of eight hours be taken at USF. For university minor policy, consult that section in the catalog. Please note that the minor in Studio Art has been temporarily suspended.

SCHOOLS AND PROGRAMS

• ART (ART)

The School of Art and Art History offers the Bachelor of Fine Arts degree in Studio Art, the Bachelor of Arts degree in Studio Art, and the Bachelor of Arts degree in Art History. The two studio curricula (BA - studio concentration and BFA) are designed to develop the student's consciousness of aesthetic and ideological aspects of art and its relationship to life and to assist students in the realization of personal ideas and imagery. Many students interested in college teaching, museum or gallery work, fine or commercial studio work pursue the extended discipline and experience offered at the graduate level.

Although the Studio Art programs allow many possible courses of study, most art major students will select one area of emphasis chosen from the course offerings listed.

The major areas of emphasis, available to Tampa campus undergraduate art studio students are Drawing, Painting, Sculpture, Ceramics, Electronic Media (Computer Imaging, Video), Printmaking and Photography. Admission to the School of Art and Art History Studio programs is by portfolio. Applicants should submit the required information by the deadlines for each term as posted on the School of Art and Art History website, www.art.usf.edu. A new BFA concentration in Graphic Design (junior and senior years only) is now available on the USF St. Petersburg campus. This is a limited access program.

Transfer studio credit will be accepted on the basis of portfolio and transcript evaluation. The School of Art and Art History will accept all Florida state programs that are part of the "Common Prerequisites."

The Art History program (BA - Art History) reflects the faculty's belief that strong liberal arts study, supplemented with internships and travel, is the most appropriate preparation for students who desire further study at the graduate level or professional work in the fields of art history research, teaching or

galleries and museums. Students who pursue the BA in Art History will acquire a broad, thorough knowledge of art from prehistory to the present.

For additional requirements see Graduation Requirements, College of Visual and Performing Arts.

Prerequisites (State Mandated Common Prerequisites)

The School of Art and Art History encourages students who wish to transfer from Florida Community Colleges to complete their A.A. prior to transfer. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. Candidates for admission into the two studio programs must successfully complete a portfolio review at a posted review date in order to be admitted. Please note that acceptance into the School of Art and Art History does not mean that you are admitted to U.S.F. and that acceptance by U.S.F. does not mean that you have been accepted by the School of Art and Art History. Each application process is separate and both must be completed for consideration of acceptance into the studio programs.

Please note: Enrollment into the School of Art and Art History is contingent upon two separate applications and acceptances:

1. Submission of completed USF Admissions application and acceptance into the University of South Florida, and
2. Submission of completed School of Art and Art History application and acceptance into the School of Art and Art History.

Students may complete the **prerequisite courses** listed below prior to entering the university. Unless stated otherwise, a grade of "C" is the minimum acceptable grade. The following prerequisite courses will be accepted as meeting lower level requirements.

ART 1201/1202 Design I and Design II or ART 2201
 ART 1300/1301 Drawing I and Drawing II
 ART 2050/2051 Art History Survey I and Art History Survey II
 ART 2XXX Any 2-3 introductory media course, 6-9 semester hours or 12 hours of ART 2XXX

Note: It is recommended that transfer students complete both Design I and Design II prior to transfer. If a student does not complete Design I and Design II prior to transfer they should wait and enroll in ART 2201 (Fabrications I) and ART 2203 (Fabrications II) at USF.

Requirements for the B.A. Degree in Studio Art

The following courses apply to the B.A. degree in Art Studio:

I. Art Preparation (All coursework in the School of Art and Art History must have a grade of "C" or better to satisfy program requirements.)

ARH 2050 History of Visual Arts I*	(3)
ARH 2051 History of Visual Arts II*	(3)
ART 2201C Fabrications I**	(3)
ART 2203C Fabrications II**	(3)
ART 2300C Beginning Drawing	(3)
ART 3301C Intermediate Drawing	(3)

Total 18 hours

*History of Visual Arts I and II must be used to satisfy the General Education Historical Perspectives requirement if the student is to remain within 120 hours for the degree.

**Fabrications I or II must be used to satisfy the General Education Fine Arts requirement if the student is to remain within 120 hours for the degree.

All studio courses, other than those designed as core, require the completion of the following core courses (ART 2201C or equivalent, ART 2203C or equivalent, ARH 2050 or ARH 2051, and ART 2301C or equivalent) and a satisfactory

portfolio review. Refer to our web site at www.arts.usf.edu for the scheduled review date.

II. Beginning Studio Workshops

A minimum of 12 hours from the following Beginning Studio Workshops is required. These courses may not be repeated. These courses are pre-requisites to the intermediate level Studio Courses. Students must take at least one two-dimensional and one three-dimensional studio course.

ART 2400C Beginning Printmaking	(3)
ART 2500C Beginning Painting	(3)
ART 2701C Beginning Sculpture	(3)
ART 2750C Beginning Ceramics	(3)
ART 3610C Beginning Electronic Media	(3)
PGY 2401C Beginning Photography	(3)

Total 12 hours

III. Intermediate Studio Workshops

A minimum of 6 hours from the following:

3000 Level Studio	(6)
-------------------	-----

Total 6 hours

B.A. students may take advanced courses if they have the requisite 3.25 Major G.P.A. and course prerequisites. This would represent work in excess of degree requirements.

IV. Expanded Context Courses

A minimum of 3 hours of your studio work must be from selected expanded context courses. Expanded context courses include ART 4806 Theme Studio, cross-media classes and/or ART 4930 special topics studio classes.

V. Art History

A minimum of 12 hours in the following history courses:

ARH 4100 Prehistoric & Ancient	(4)
ARH 4170 Greek & Roman	(4)
ARH 4200 Medieval	(4)
ARH 4301 Renaissance	(4)
ARH 4350 Baroque and Rococo	(4)
ARH 4430 19th Century	(4)
ARH 4450 20th Century**	(4)
ARH 4520 African	(4)
ARH 4530 Oriental	(4)
ARH 4796 Critical Studies	(4)

Total 12 hours

*4 hours may be taken in either critical studies seminar ARH 4796 or Directed Reading ART 4900.

**ARH 4450 is required of all majors.

VI. Additional Requirements

Extended Studies*	(2)
-------------------	-----

Total 2 hours

*Paris Program, Public Art, Museum Internships, Community Art, Artists Internships/Apprenticeships, London Middlesex Program, and Johannesburg Program.

VII. Recommendations

Students are encouraged to take additional credits in the Studio Workshops and Theme Studio Courses to fulfill art electives.

Total Art 53 hours

Total Semester Hours for the B.A. degree in Art Studio:

Please note under General Education that the Historical Perspectives must be satisfied with History of Visual Arts I, ARH 2050 and History of Visual Arts II, ARH 2051, and that Fine Arts must be satisfied with Fabrications I, ART 2201 or Fabrications II, ART 2203.

General Education*	(27)
Exit Requirements	(9)
Art Requirements	(53)
Free Electives (Maximum Art 9 hours)	(31)

Total 120 hours

*Please note that 9 hours of General Education requirements are satisfied by the Art School curriculum and that the actual total hours in General Education remains 36 as state-mandated.

Note: All Students earning a B.A. degree in Studio Art or Art History must complete the Foreign Language Exit Requirement.

Requirements for the B.F.A. Degree in Studio Art

Admission into the B.F.A. program is contingent upon the student having a 3.25 major GPA, which must be maintained for the degree to be awarded. The accelerated studio experiences provided for students meeting the requirements of the Bachelor of Fine Arts degree will better prepare them for professional participation in the visual arts.

All studio courses, other than those designated as core, or beginning studios require the completion of the following core courses (ART 2201C or equivalent, ART 2203C or equivalent, ARH 2050 or ARH 2051, ART 2301C or equivalent, and ART 3310C or equivalent) and a satisfactory portfolio review. Refer to our web site at www.arts.usf.edu for the scheduled review date.

The B.F.A. program in Studio Art will expose the student to many possibilities in the art-making process. The areas of emphasis in art media on the Tampa campus are painting, drawing, printmaking, photography, sculpture, ceramics and electronic media/video/performance. These options provide access to a comprehensive program of study in art. Students can develop their conceptual and technical skills in a particular art discipline or decide to investigate a specific subject through the use of numerous media and "mixed" forms of art.

The USF School of Art and Art History hosts fully equipped studios in all of these disciplines.

The new B.F.A. program in Graphic Design is limited access and offered only at USF St. Petersburg. (Juniors and seniors only.)

Transfer credit from other institutions is accepted on the basis of portfolio and transcript evaluation. The School of Art and Art History accepts transfer credit from all Florida programs that are part of the "common course prerequisites".

I. Art Foundations

ARH 2050 History of Visual Arts I*	(3)
ARH 2051 History of Visual Arts II*	(3)
ART 2201C Fabrications I**	(3)
ART 2203C Fabrications II**	(3)
ART 2301C Beginning Drawing	(3)
ART 3310C Intermediate Drawing	(3)

Total 18 hours

*History of Visual Arts I and II must be used to satisfy the General Education Historical Perspectives requirement if the student is to remain within 120 hours for the degree.

**Fabrications I or II must be used to satisfy the General Education Fine Arts requirement if the student is to remain within 120 hours for the degree.

II. 2000 Level Studio

2000 Level 2-D Studio	(3)
2000 Level 3-D Studio	(3)
2000 Level Specialization	(3)
2000 Level Elective Studio	(3)

Total 12 hours

III. 3000 Level Studio

3000 Level Specialization	(9)
3000 Level Non-Specialization	(3)
3000 Elective Studio	(3)

***Total 15 hours**

IV. 4000 Level Studio

4000 Level Specialization	(6)
3000 or 4000 Level Elective	(3)

Total 9 hours

V. Expanded Context Courses

A minimum of 3 hours of your Intermediate or Advanced Studio work must be from selected expanded context courses. Expanded context courses include ART 4806 Theme Studio, cross-media classes and/or ART 4930 special topics studio classes.

Total 3 hours

VI. Art History

ARH 4450 20th Century	(4)
ARH 3454 Contemporary Issues in Art	(4)
4000 Level Period Art History	(8)

ARH 4792 Critical Studies	(4)
Total 20 hours	

VII. Additional Requirements

ART 3939 Real World	(3)
ART 4940 Extended Studies*	(2)
ART 4970 Senior Thesis**	(2)

Total 7 hours

Total Art 84 hours

*Paris Program, Public Art, Museum Internships, Community Art, Artists Internships/Apprenticeships, London Middlesex Program, Johannesburg Program.

**Senior Thesis is to be registered for by contract with the instructor of the final advanced studio course in the student's specialization.

Total Semester Hours for the B.F.A. degree in Art Studio:

General Education*	(27)
Exit Requirements**	(3)
Art Requirements	(84)
Non-art Electives	(6)

Total 120 hours

*Please note that 9 hours of General Education requirements are satisfied by the Art School curriculum and that the actual total hours in General Education remains 36 as state-mandated.

**Please note that 6 hours of Exit requirements must be completed in the Art School or in the College of Visual and Performing Arts and satisfy either B.F.A. program requirements or a portion of the special requirement. This ensures that the required total of 9 exit hours is satisfied within the 120 hours.

Requirements for the B.F.A. Degree in Studio Art with a Concentration in Graphic Design

Available only at USF St. Petersburg, the Graphic Design Program includes a series of courses in design, history and theory of art and graphic design, as well as the technical approaches to creative visualization. Courses cover typography, layout, digital media, graphics, video technology, print and digital reproduction processes and professional practices. The goal of creative and professional development focuses upon challenging students with projects that demand creative content, structure, management of complexity, and exploration into visual solutions involving information, design limitations, and budget restrictions.

The graphic design curriculum will expose students to graphic design foundation, principles, and techniques most often used in successful visual communication for both print and digital media.

The B.F.A. Studio Art Degree with a concentration in graphic design is a limited access, upper-level program. Each fall a cohort will follow a sequential course schedule. Specific equipment requirements for this program are delineated on the university's website at www.usf.edu/gd.

Admission into the B.F.A. program is contingent upon the student having a 3.25 major GPA, which must be maintained for the degree to be awarded. Student competency will be evaluated individually and based upon criteria such as GPA, writing skill, and a portfolio of work indicative of: (1) concept, execution and presentation of studio artwork, (2) conceptual understanding of art and design standards, (3) application of art and design concepts, (4) examples of drawing methods and materials, and (5) historical knowledge of art and design as evidenced by previous assignments in visual problem solving.

Transfer credit from other institutions is accepted on the basis of portfolio and transcript evaluation. The School of Art and Art History accepts transfer credit from all Florida programs that are part of the "common course prerequisites".

The following courses are necessary for completing a B. F. A. degree in Studio Art with a Concentration in Graphic Design:

I. Art Foundation (Requires a "C" or better in all courses taken to progress to courses numbered 3000 and up)

I. Art Foundations

ARH 2050 History of Visual Arts I*	(3)
------------------------------------	-----

190 COLLEGE OF VISUAL AND PERFORMING ARTS

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

ARH 2051 History of Visual Arts II*	(3)
ART 2201C Fabrications I**	(3)
ART 2203C Fabrications II**	(3)
ART 2300C Beginning Drawing	(3)
ART 3301C Intermediate Drawing	(3)
Total	18 hours

*History of Visual Arts I and II must be used to satisfy the General Education Historical Perspectives requirement if the student is to remain within 120 hours for the degree.

**Fabrications I or II must be used to satisfy the General Education Fine Arts requirement if the student is to remain within 120 hours for the degree.

II. Additions to the Art Foundation requirements:

2000 level studio elective	(3)
2000 level courses the areas of	
Computer Language and/or Media	(3)
MMC 3602 Mass Com and	
Society (program requirement)	(3)
Total 9 hours	

Graphic Design Program Requirements

III. Fall Semester

ART 2280C Typography	(3)
VIC 3001 Intro to Visual Communications	(3)
GRA 3545 Graphic Design I	(3)
GRA 3549 Multimedia Systems I	(3)
ARH 4430 19th Century Art	(4)
Total 16 hours	

IV. Spring Semester

GRA 3548 Computer Graphics	(3)
PGY 3801C Digital Media I	(3)
ART 4925 Media Workshop: Design Production	(3)
ARH 4724 History of Graphic Design	(4)
Support Course	(3)
Total 16 hours	

V. Fall Semester

PGY 4420C Digital Media II	(3)
ART 4929C Visual Designs for the Internet	(3)
ART 4243C Graphic Design: Senior Studio	(3)
ARH 4450 20th Century Art	(4)
SUPPORT COURSE	(3)
Total 16 hours	

VI. Spring Semester

ART 4955C Senior Project: Portfolio	(3)
ART 4974 Professional Practicum	(3)
GRA 4940 Internship	(2)
ARH Art History Course (Exit)	(4)
Total 12 hours	

Total

87 Art hours

Total Semester Hours for the B.F.A. degree in Art Studio with a Concentration in Graphic Design:

General Education*	(24)
Exit Requirements**	(3)
Art Requirements	(87)
Special Requirement	(6)

**Total
120 hours**

*Please note that 9 hours of General Education requirements are satisfied by the Art School curriculum and that the actual total hours in General Education remains 36 as state-mandated.

**Please note that 6 hours of Exit requirements must be completed in the Art School or in the College of Visual and Performing Arts and satisfy either B.F.A. program requirements or a portion of the special requirement. This ensures that the required total of 9 exit hours is satisfied within the 120 hours.

Requirements for the B.A. Degree in Art History

The following courses are necessary for completing a B.A. degree in Art History:

I. Art Preparation (All coursework in The School of Art and Art History must have a grade of "C" or better to satisfy program requirements.)

ARH 2050 History of Visual Arts I*	(3)
ARH 2051 History of Visual Arts II*	(3)
ART 2201C Fabrications I	(3)
ART 2300C Beginning Drawing	(3)

Total 12 hours

*History of Visual Arts I and II must be used to satisfy the General Education Historical Perspectives requirement if the student is to remain within 120 hours for the degree.

II. Art History Required Courses

ARH 4937 Seminar in the History of Art History**	(4)
--	-----

Total 4 hours

**Offered only once per year.

Plus: Minimum of 16 hours in the following history courses:

III. Art History Survey

ARH 4100 Prehistoric & Ancient	(4)
ARH 4170 Greek & Roman	(4)
ARH 4200 Medieval	(4)
ARH 4301 Renaissance	(4)
ARH 4350 Baroque and Rococo	(4)
ARH 4430 19th Century	(4)
ARH 4450 20th Century	(4)
ARH 4520 African	(4)
ARH 4530 Oriental	(4)

Total 16 hours

IV. Art History Critical Studies or Directed Reading

ARH 4792 Critical Studies in Art History and/or	
ART 4900 Directed Reading	

Total 16 hours

V. Plus

Extended Studies: required of all majors (2)

(London Middlesex Program, Paris Program, Johannesburg Program, Public Art, Museum Internships, Community Art, Artists Internship/Apprenticeships, Art History Apprenticeships)

Total 2 hours

VI. Recommendations

Students are encouraged to take additional credits in Art History critical studies courses and Art History survey courses.

Total Art History 50 hours

Total semester Hours for the B A. degree in Art History

General Education*	(30)
Exit Requirements	(9)
Art Requirements	(50)
Free Elective (Maximum Art 9 hours)	(31)

Total 120 hours

*General Education "Historical Perspectives" will be satisfied by ARH 2050, History of Visual Arts I and ARH 2051, History of Visual Arts II.

Note: All Students earning a BA degree in Art History must complete the Foreign Language Exit Requirement.

The Minor in Art is suspended pending further notice. The Minor in Art History remains active.

Requirements for the Minor in Art

Studio Concentration: Total of 24 minimum hours required

I. Art Area Preparation

ARH 2050 History of Visual Arts I	(3)
ARH 2051 History of Visual Arts II	(3)
ART 2201C Fabrications I	(3)

ART 2203C Fabrications II	(3)
ART 2300C Beginning Drawing	(3)
Total 15 hours	

II. Art Studio

Beginning Studio Workshop	(6)
Intermediate Studio Workshop	(3)
or	
Theme Studio	(3)
Total 9 hours	

Art History Concentration: 24 minimum hours required

I. Art History Preparation

ARH 2050 History of Visual Arts I	(3)
ARH 2051 History of Visual Arts II	(3)
ART 2201C Fabrications I	(3)
or	
ART 2203C Fabrications II	(3)
Total 9 hours	

II. Art History

Art History Survey	(15)
Total 15 hours	

VISITING ARTISTS AND SCHOLARS

The School of Art and Art History is widely known for the consistent level of excellence of its programs. Aside from the contributions of its permanent staff, and to insure the continuing expansion of learning opportunities available to students, the School has brought to the campus internationally known artists and lecturers such as Alice Aycock, Linda Benglis, Jack Burnham, James Casebere, Albert Chong, Robert Colescott, Hal Foster, Edward Fry, Guillermo Gomez-Pena, Adam Gopnik, The Guerrilla Girls, Dave Hickey, Barbara Kruger, Donald Kuspit, Alfred Leslie, Komar and Melamid, Marlon Riggs, Tim Rollins, Alison Saar, Lorna Simpson, Miriam Shapiro, Robert Stackhouse, Renee Stout, Sidney Tillum, and The Art Guys.

USF CONTEMPORARY ART MUSEUM

The USF Contemporary Art Museum (CAM) is recognized as one of the leading cultural institutions in the state by the State of Florida Cultural Institutions Program. The USF CAM brings vital, investigative, and scholarly exhibitions of contemporary art to the university and Tampa Bay Community. Artists include Matt Mullican, Robert Stackhouse, Pat Steir, Tyler Turkle, and Robin Winters, as well as internationally recognized artists from Africa, Europe, and Latin America, such as Leo Copers, Patrick Corillon, Alfredo Jaar, Antonio Martorelli, Pepon Osorio, and Peter Weibel. The Museum also houses the university's art collection with exceptional holdings in graphics, sculpture multiples, and recent photography. The Museum is actively engaged in commissioning architecturally related public art projects designed to enhance the public spaces on the USF campus. Recent projects include works by Dale Elred, Richard Fleischner, Doug Hollis, Nancy Holt, Ned Smyth, and Elyn Zimmerman. USF CAM organizes symposia, lectures, workshops, and visiting artist presentations to engender interest in contemporary art, educate the public, and facilitate the exchange of ideas among artists, museum members, experts in the art field, and the community. The exhibition, educational programs, and art collection serve as an integral part of the studio and art history curriculum of the School of Art and Art History and other liberal studies areas while enhancing the cultural vitality of the campus and Tampa Bay communities.

GRAPHICSTUDIO

The Institute for Research in Art/Graphicstudio was founded within the College in 1968 to perform basic research in the visual arts through collaboration with internationally renowned artists in the production of print and multiple editions.

Over the years, Graphicstudio has received many honors including the establishment of a permanent archive at the National Gallery of Art in Washington, D.C., and the achievement of the "Florida Arts Recognition Award" from the Department of State. Work/study programs, directed study, as well as graduate assistantships are available to USF students at

Graphicstudio's production facility. Students are able to study completed editions as well as preparatory works in the Graphicstudio Gallery. Graphicstudio also sponsors lectures by invited guests and colloquia on a variety of subjects relating to the visual arts.

• DANCE (DAN)

The dance program in the School of Theatre & Dance offers professional preparation through a curriculum of study within two degree options: B.F.A. in Dance Performance and B.A. in Dance Studies. There is an expressed commitment to the development and production of original creative works as extensions of studio/classroom experiences, of faculty research, and in interaction with guest artists.

The presentation of dance in concert is essential to the educational mission, and provides students and the community with numerous opportunities for expanding aesthetic experiences.

Through intensive study in dance technique, creative studio studies and dance theory, students are prepared for careers in performance, choreography, and education. Additionally, these degree programs may help prepare students for graduate work in Dance Sciences/Medicine, Dance Therapy, Arts Management, Performance, Choreography, or Interdisciplinary Studies.

Admission to the Dance program is contingent upon acceptance by the university and successful completion of a placement audition. Students must complete the audition prior to Orientation and registration for Dance courses.

Prospective majors must contact the School of Theatre and Dance for audition dates prior to being permitted to register for classes. Acceptance into major technique classes is by faculty audition. Acceptance into each of the degree programs (B.F.A., B.A.) requires acceptable technical proficiency, academic standards commensurate with USF guidelines, and recommendation of the faculty.

Prerequisites (State Mandated Common Prerequisites)

The College of Visual and Performing Arts encourages students to complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students are encouraged to complete the following required courses and/or electives (if available) during the program of study at the community college. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements. Prerequisites for B.F.A. in Dance Performance and B.A. in Dance Studies:

Any 24 credit hours from the following 30 hours will be accepted toward the major.

- DAN 2610 (3) or DAN 2600 (3)
- DAN 2611 (3) or DAN 2601 (3)
- DAA 2610 (2)
- DAA 2611 (2)
- DAA 2680 (2) - or any lower level Repertory course in the X400-X400 series up to 4 credit hours.
- DAA 2681 (2) - or any lower level Repertory course in the X400-X400 series up to 4 credit hours.
- DAA X200-X209 (8) - Up to 8 credit hours of any lower level Ballet Technique courses within the X200-X209 taxonomy.
- DAA X100-X109 (8) - Up to 8 credit hours of any lower level

Modern Technique courses within the X100-X109 taxonomy.

Although credit toward the major will be given for these courses, placement in upper level technique classes will continue to be based on individual proficiency. Other technique courses in other styles of dance may be accepted toward the major on a case-by-case basis at the discretion of the university. Transfer dance credits must be evaluated by faculty and dance advisor at time of entrance.

Requirements for the B.F.A. Degree in Dance

The BFA in Dance Performance (Ballet or Modern emphasis) offers professional preparation, which includes extensive study in Studio Technique, Choreographic Studies and Dance Theory. The focus of this degree is the development of dancers who will enter the professional world of dance/arts as performers and choreographers. Beyond the expectations for continuing opportunities for performance, students selecting the BFA will develop and present solo and group Senior Choreographic Projects.

The BFA is a limited access program. Students must participate in a selective admissions procedure. At the end of their third semester, students will be assessed by Dance faculty to determine eligibility. Dancers must continue to take technique courses throughout their degree program.

Modern Dance Focus

Studio Technique (28 semester hours)

DAA 3209	Ballet III	(6)
DAA 3109	Modern III	(6)
DAA 4111	Modern IV	(8)
DAA 3394	World Dance	(2)
	Elective Dance Technique	(6)

Creative Studio (17 semester hours)

DAA 3624	Dance Improvisation	(2)
DAA 3614	Choreography I	(2)
DAA 3615	Choreography II	(2)
DAA 4616	Choreography III	(2)
DAA 4617	Choreography IV	(2)
DAA 3686	Jr. Performance Project*	(1)
DAA 4685/3654	Performance/Repertory*	(5)
DAA 4694	Senior Choreographic Project	(1)

*Concurrent enrollment in Dance Technique

Dance Theory (27 semester hours)

DAN 2160	Entry Seminar	(2)
DAN 3584	Practicum in Dance Production	(1)
DAN 3614	Music for Dance I	(2)
DAN 3615	Music for Dance II	(2)
DAN 4404	Laban Movement Analysis	(3)
DAN 3714	Dance Kinesiology	(3)
DAN 4134	Dance History Through the 19th Century	(3)
DAN 4135	20th Century Dance History	(3)
DAE 4340	Dance Pedagogy: Secondary Curriculum and Methods	(3)

or

DAE 4310	Dance Pedagogy: Pre-School to Elem.	(3)
DAN 4181	Dance Senior Seminar	(2)
TPA 2211	Introduction to Technical Theatre II	(3)
	Non-Dance Electives:	(9)

Ballet Focus

Studio Technique (30 semester hours)

DAA 3209	Ballet III	(6)
DAA 4211	Ballet IV	(8)
DAA 3294	Ballet Variations/Pointe	(2)
DAA 3109	Modern III	(6)
DAA 3394	World Dance	(2)
	Elective Dance Technique:	(6)

Creative Studio Studies (17 semester hours)

DAA 3624	Dance Improvisation	(2)
DAA 3614	Choreography I	(2)
DAA 3615	Choreography II	(2)

DAA 4616	Choreography III	(2)
DAA 4617	Choreography IV	(2)
DAA 3686	Jr. Performance Project*	(1)
DAA 4685/3654	Performance/Repertory*	(5)
DAA 4694	Senior Choreographic Project	(1)

*Concurrent enrollment in Dance Technique

Dance Theory (27 semester hours)

DAN 2160	Entry Seminar	(2)
DAN 3614	Music for Dance I	(2)
DAN 3615	Music for Dance II	(2)
DAN 4404	Laban Movement Analysis	(3)
DAN 3714	Dance Kinesiology	(3)
DAN 4134	Dance History Through the 19th Century	(3)
DAN 4135	20th Century Dance History	(3)
DAE 4310	Dance Pedagogy: Pre-school and and Elementary Methods	(3)

or

DAE 4340	Dance Pedagogy: Secondary Curriculum and Methods	(3)
DAN 4181	Dance Senior Seminar	(2)
TPA 2211	Introduction to Technical Theatre II	(3)
	Non-Dance Electives:	(7)

Requirements for the B.A. Degree in Dance Studies

The B.A. in Dance Studies is designed to provide students with a comprehensive core of study in Studio Technique, Choreographic Studies, and Dance Theory. The focus of this degree is to encourage the development of an individualized program of study through the selection of general education requirements as well as a focused selection of elective courses. The selection of electives should be designed to provide each student with the maximum value of a liberal arts education within a focused area of study. A student with additional interest in another field (i.e. African Studies, Anthropology, Communications, Education, History, Psychology, Religious Studies, Theatre, Women's Studies, etc.) should complete focused study in that area along with the core of study in dance. Each student is required to develop a final independent project incorporating dance with his or her focused study. Dance students must continue to take at least one technique course each semester.

Coursework to be taken at USF

Studio Technique (20 semester hours)

DAA 3108	Modern II	(6)
DAA 3208	Ballet II	(6)
DAA 3109	Modern III	(6)
or		
DAA 3209	Ballet III	(6)
DAA 3394	World Dance	(2)

Creative Studio Studies (13 semester hours)

DAA 3624	Dance Improvisation	(2)
DAA 3614	Choreography I	(2)
DAA 3615	Choreography II	(2)
DAA 4616	Choreography III	(2)
DAA 4617	Choreography IV	(2)
DAA 3686	Jr. Performance Project*	(1)
DAA 4685/3654	Performance/Repertory*	(5)
DAN 4906	Independent Research Project	(1)

*Concurrent enrollment in Dance Technique

Dance Theory (23 semester hours)

DAN 2160	Entry Seminar	(2)
DAN 3614	Music for Dance I	(2)
DAN 3615	Music for Dance II	(2)
DAN 3714	Dance Kinesiology	(3)
DAN 4134	Dance History Through the 19th Century	(3)
DAN 4135	20th Century Dance History	(3)
DAN 4162	Research in Dance	(2)
DAN 4181	Dance Senior Seminar	(2)
TPA 2211	Introduction to Technical Theatre II	(3)

Focused Electives (15-17 semester hours)

B.S. Degree in Dance Education

The Dance Education Curriculum is currently suspended. See the Director of the School of Theatre & Dance for further information. It is recommended that students seeking to become teachers obtain a B.A. in Dance Studies with specialization in Education.

Requirements for the Dance Minor

The Dance Minor is designed to provide students with a scope of experiences in dance that include studio technique, creative studio studies and dance theory. The student selecting a Dance Minor should arrange to meet with the academic advisor in dance prior to enrolling for classes.

Studio Technique (10 semester hours)

Select 10 credits from:

DAA 2205	Ballet I	(2)
DAA 3208	Ballet II	(3)
DAA 3209	Ballet III	(3)
DAA 4211	Ballet IV	(4)
DAA 2105	Modern Dance I	(2)
DAA 3108	Modern Dance II	(3)
DAA 3109	Modern Dance III	(3)
DAA 4111	Modern Dance IV	(4)
DAA 2504	Jazz Dance	(2)
DAA 4930	Special Topics in Dance	(2)

(Studio Dance courses may be repeated once toward the Dance Minor.)

Creative Studio Studies (4 semester hours)

Select 4 credits from:

DAA 3624	Dance Improvisation	(2)
DAA 3614	Choreography I*	(2)
DAA 3615	Choreography II*	(2)

*Music for Dance is a pre-requisite for Choreography and instructor approval.

Dance Theory (6 semester hours)

Select 6 credits from:

DAN 2100	Introduction to Dance	(3)
DAN 4134	Dance History Through the 19th Century	(3)
DAN 4135	20th Century Dance History	(3)

Dance Electives (4 semester hours)

TOTAL 24

Critiques

1. All students will be evaluated periodically by the faculty and critiqued each semester and will participate in progress conferences with the faculty.
2. If a student evidences deficiency in some area or in continuing progress toward the degree, the student may be placed on probation within the Dance program.
3. Failure to make satisfactory progress after being placed on probation shall constitute grounds for program recommendation to drop and discontinue the major.

Minimum Grade for Dance Courses

A student must receive a "C" grade or better in required courses for Dance Majors. Should a student fail to do so, the course(s) in which the student receives "D" or "F" must be repeated and a "C" grade or better earned. Note: The student choosing a Dance Minor must achieve a "C" or better in all courses applied to the minor in dance.

Additional Standards

In addition to meeting the specific requirements and standards discussed above, the student and advisor will periodically evaluate the student's general progress. Students are required to meet with the Academic Advisor in Dance each semester. An unsatisfactory rating in one or more of the following areas could place the student on probation. A student on probation is given a specific amount of time to achieve a satisfactory rating before being dropped from the major program. The criteria include:

1. Appropriate academic progress.
2. Adequate technical skills and adaptability.

3. "B" average in major studio classes.

4. Physical conditioning that includes: nutrition, flexibility, strength, and healthful weight management necessary to facilitate safe technical and artistic expression.

5. Class probation and program probation require review, i.e., reinstatement in good standing or recommendation to drop major.

For other non-major requirements see both Visual and Performing Arts College requirements and the university's General Distribution and graduation requirements.

Visiting Artists and Artists-in-Residence

The School of Theatre & Dance believes in the ongoing influence of guest artists as choreographers, teachers for master classes, residencies and performers. The programs provide numerous opportunities to enhance the students' artistic awareness of professional possibilities.

MUSIC (MUS)

The music curriculum is designed for students gifted in the performance and/or composition of music. Applicants for a major in music are required to pass an entrance audition in their respective performance areas. Composition applicants are required to submit appropriate scores and/or tapes of their compositions for faculty appraisal.

Academic programs offered in the Bachelor of Music degree include the areas of Performance (voice, piano, piano pedagogy, and orchestral instruments), Composition, and Jazz Studies (composition and performance).

The B.M. degree in Music Education is designed to serve students who wish to develop a high level of musical expertise and have a commitment to help develop musical potentials in other people.

The B.A. degree in Music Studies is a liberal arts degree with a greatly reduced number of credit hours in music. It allows students to pursue a double major and/or a minor in another field. The B.A. is offered with a choice of emphasis in performance, composition, music history, or music theory.

Acceptance into the School of Music

Students must apply for acceptance into the USF School of Music if they are an incoming freshman, transfer student, or part-time student and plan to (1) major in any undergraduate or graduate music degree program; (2) minor in music; or (3) take applied lessons as a non-major for more than one credit hour. Contact the Coordinator of Auditions.

Applying for acceptance by audition into the School of music is a separate procedure from the University admissions process, and is not contingent upon status of the University application process. If a student is accepted into the School of Music but is denied acceptance into the University, he or she may contact the School for assistance in appealing this decision.

Auditions

Audition Procedure: All students must audition before a committee consisting of the appropriate music faculty members or must audition directly before a major ensemble conductor and the prospective studio instructor. Campus audition dates are scheduled each year during February and March for Fall admission to the School of Music. Auditions for Spring admission are scheduled during December juries. Taped auditions may be considered, but must be heard by the faculty committee or ensemble director as above. Composition students must submit a portfolio as well as arrange an audition. Note that scholarship consideration will be given for live auditions only.

Music Theory Placement Examination

All freshmen and transfer music students are required to take a Music Theory Placement Examination. For placement in the Written and/or Aural Theory sequence, placement tests are given on the first day of classes each semester from 9:00

to 10:30 a.m. in FAH 133. This test is evaluated by the Theory Coordinator and an appropriate score for placement is determined. The results of the exam will indicate the level of theory to which the student will be assigned.

An advanced placement into the second semester of the Theory sequence is available with a score of 4 or 5 on the Advanced Placement Program conducted by the College Entrance Examination Board.

Transfer Policy

USF evaluates and transfers credits from other institutions the student has attended. To insure that transfer credits are properly applied toward the degree program, the issue should be discussed with the music advisor (CVPA advising office, FAH 120). Personal copies of transcripts (in addition to those sent to USF) of all past course work and a copy of a catalog from the institution(s) at which the credits were earned should be shown to the advisor. This will help to credit the maximum application of course work completed at other institutions to a USF degree. Credits applicable to the degree will be transferred only if they have grades of "C-" or better.

All incoming students must audition for acceptance into the School of Music and for placement in the applied music studio. Additionally, they must take placement tests in written theory, aural theory, and keyboard skills in order to receive advice for appropriate registration.

Theory courses taken in Florida public community colleges and the Florida State University System automatically transfer and substitute for the equivalent courses at USF.

Community college students are encouraged to complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

Applied Music Requirement Policy

The following degree requirements must be completed in applied music:

B.M. in Performance (including Piano Pedagogy emphasis)

Minimum of 24 hours, including a minimum of two semesters (6 hours) at the 4000 level.

B.M. in Composition

Minimum of 8 hours of applied music principal, including a minimum of two semesters at the 2000 level or higher.

B.M. in Music Education

Minimum of 12 hours of applied music principal, including a minimum of two semesters at the 3000 level.

First-time-in-college (FTIC) students generally will be placed at the 1000 applied music level; transfer students will be evaluated by the faculty Audition Committee and placed at the appropriate level. All students will be promoted to their next level of instruction upon the recommendation of their applied music teacher and successful completion of a performance examination (jury) by area applied music faculty. This examination may be scheduled at the conclusion of any semester, but definitely will occur at the end of spring semester.

Where it is appropriate for the degree, the student is required to complete a minimum of one semester, but no more than three semesters at the 2000 or 3000 applied music levels. Failure to complete the 2000 or 3000 applied music level, by the recommendation of the applied teacher and jury members,

within the three semester maximum brings automatic dismissal from the music program.

Music Education majors may repeat the 3000 applied music level until the junior recital is given, and performance majors may repeat the 4000 applied music level until the senior recital is given and the necessary amount of applied credits have been earned.

Performance majors may repeat the 4000 applied music level as necessary to fulfill the 24 credit hour degree requirement. No more than two semesters of study at the freshman, sophomore, or junior levels will be counted toward credit hour requirements for an undergraduate degree in performance.

Applied music courses consist of private lessons (time to be arranged between the student and faculty member) as well as scheduled studio meetings. All undergraduate students enrolled in applied music are required to be enrolled concurrently in at least one appropriate major ensemble corresponding to the applied major.

Piano Proficiency Requirement Policies

All Music Majors (other than Piano Performance and Jazz Studies majors) must demonstrate proficiency on the piano, as established by the syllabi for Keyboard Skills I-IV, in order to graduate. They may do this in one of three ways:

1. A Piano Proficiency Placement Exam, whereby students are expected to demonstrate technical and musical skills through performance of repertoire, scales, arpeggi, harmonization, improvisation and sight-reading. (Sign-up sheets for this exam are posted outside FAH 217 during the first week of classes.) For students who do not pass this exam, the School of music offers four levels of Keyboard Skills courses as electives. Students will be placed in the level indicated by their exam performances. Ultimately, a grade of "C-" or better in Level IV satisfies the Piano Proficiency Requirement.
2. If the music advisor determines that a student does not have a background to be placed beyond Keyboard Skills Level I, they will advise the student to register for Level I and no exam will be necessary.
3. A student who feels that he or she has acquired the necessary skills to meet the Piano Proficiency Requirement (either through accelerated practice or private lessons) may also sign up for the Piano Proficiency Placement Exam the first week of any semester and demonstrate their acquired skills to the Keyboard Skills Coordinator. If a student passes this exam, the Piano Proficiency Requirement will be met.

Jazz Studies majors must satisfy the Jazz Piano Proficiency requirement through a placement test administered by the jazz faculty after completing the Jazz Theory and Improvisation II.

Recital Attendance Requirement

All music majors and minors are expected to attend recitals throughout the duration of their degree program. Performance (jazz and traditional) majors and composition majors are required to attend a minimum of 80 recitals. Music education majors are required to attend a minimum of 60 recitals. Music minors are required to attend a minimum of 20 recitals. It is recommended that students attend an average of 10 to 15 recitals each term. Transfer students will have the attendance requirement pro-rated according to their studio level placement, allowing for 10 recitals to be credited for every term waived.

Students should sign programs they attend and turn them in to the music office with their name and student I.D. number on each program. The purpose of this requirement is to ensure that music students hear a variety of student, faculty and other professional-level performances. Students should register for MUS 2010, Recital Attendance, in the term in which they expect to complete the requirement. The course is graded S/U and is required for graduation.

Major Performing Ensembles

To fulfill major ensemble requirements, music majors and minors may use the ensembles listed below:

Concert Choir
Chamber Singers
Jazz Ensemble (big band)
Jazz Chamber Ensemble (combo)
Piano Ensemble
Symphony Orchestra
Symphony Band
Wind Ensemble

Minimum Grade for Music Courses

All music majors and minors must earn at least a "C-" in every music course required for their degree program. Music education students must earn at least "C-" in all required music, music education, and education courses. Registration in required music courses resulting in grades of "D" or "F" must be repeated. Sequel courses may not be taken until prerequisites are satisfied with appropriate grades or waivers.

Standardized Tests

All music students must complete an appropriate standardized test as a part of their senior seminar experience. Presently, all composition, jazz studies, music education, and performance students take the ETS Major Field Test in Music.

The B.M. Degree (Performance, Composition and Jazz Studies)

Prerequisites (State Mandated Common Prerequisites)

Transfer Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at a Florida community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C-" is the minimum acceptable grade. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

MUT 1111 Music Theory
or MUT 1121, 1122, 2126, or 2127
MUT 1112 Music Theory
or MUT 1121, 1122, 2126, or 2127
MUT 2116 Music Theory
or MUT 1121, 1122, 2126, or 2127
MUT 2117 Music Theory
or MUT 1121, 1122, 2126, or 2127
MUT 1241 Aural Theory
or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 1242 Aural Theory
or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 2246 Advanced Aural Theory
or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 2247 Advanced Aural Theory
or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUNXXXX Chamber Music Ensemble, 4 semester hours
MVX1X1X Secondary Applied Music Courses, 2-4 semester hours
MVX2X2X Secondary Applied Music Courses, 2-4 semester hours
Secondary Piano Proficiency by Examination
or MVK 1111, 1112, and 2122
or MVK 1111r, 1112r, 2121r, and 2121r
or MVK 1211 and 2221

Electives: Music credits beyond those required may be used as program electives.

Core Requirements for all Performance, and Composition Concentrations

Music Theory (22)

MUT 1111 (3)	MUT 2116 (3)	MUT 4571 (3)
MUT 1112 (3)	MUT 2117 (3)	MUT 4411 (3)
MUT 1241 (1)	MUT 2246 (1)	or
MUT 1242 (1)	MUT 2247 (1)	MUT 4421 (3)

Music Literature (3)

MUL 2111 (3)*

*This course also satisfies 3 hours of Historical Perspectives in the Liberal Arts Curriculum.

Music History (8)

MUH 3301 (3)* MUH 3302 (3)*
MUH 3300 (2) or MUH 4058 (3)* or MUH 4801 (3)

*This course also satisfies 3 hours of Liberal Arts Exit Requirements in Major Works/Major Issues.

Conducting (2)

MUG 3104

Senior Seminar (1)

MUS 4935 (1)
MUS 2010 Recital Attendance (0)

Ensemble

Performance Majors (8), Composition (4)

All students enrolled in applied music for 3 or 2 credit hours are required to enroll in a major ensemble appropriate to their performing medium.

Music Electives (12-13 hours)

CVPA Requirement (3 hours)

Music majors should take one 3-hour CVPA course certified in Historical Perspectives or one 3-hour CVPA course certified in the Fine Arts section of the Liberal Arts Requirements in order to graduate within 120 semester credit hours. These courses must be taken in the Schools of Art and Art History and/or Theatre and Dance, not in the School of Music.

Core Requirements for Jazz Studies

Music Theory (26)

MUT 1111 (3)	MUT 2116 (3)	MUT 2641 (2)
MUT 1112 (3)	MUT 2117 (3)	MUT 2642 (2)
MUT 1241 (1)	MUT 2246 (1)	MUT 3353 (3)
MUT 1242 (1)	MUT 2247 (1)	MUT 3354 (3)

Music Literature (3)

MUL 2111 (3)*

* This course also satisfies 3 hours of Historical Perspectives in the Liberal Arts Curriculum.

Music History (9)

MUH 3301 (3)* MUH 3302 (3)* MUH 4801 (3)

* This course also satisfies 3 hours of Liberal Arts Exit Requirements in Major Works/Major Issues.

Conducting (2)

MUG 3104

Senior Seminar (1)

MUS 4935 (1)
MUS 2010 Recital Attendance (0)

Ensemble:

Performance (8), Composition (8)

All students enrolled in applied music for 3 or 2 hours are required to enroll in a major ensemble appropriate to their performing medium.

Music Electives (12-13 hours)

CVPA Requirement (3 hours)

Music majors should take one 3-hour CVPA course certified in Historical Perspectives or one 3-hour CVPA course certified in the Fine Arts section of the Liberal Arts Requirements in order to graduate within 120 semester credit hours. These courses must be taken in the Schools of Art and Art History and/or Theatre and Dance, not in the School of Music.

Additional Requirements for Specific Concentrations

Performance Concentration

All performance majors are required to take a total of 24 credit hours of applied music major with a minimum of 6 hours to be completed at the 4000 level.

Voice performance majors must enroll in a USF choir (MUN) for six semesters and in USF opera (MUO) for two semesters, concurrent with enrollment in applied voice (MVV). They also must enroll in MUS 2201 for a total of 3 credits as part of their Music Electives.

Voice performance majors are required to be competent at the beginning level of French, German, and Italian languages in addition to taking foreign language diction classes offered in the School of Music. Proficiency tests are administered by the Department of World Language Education. If needed, courses 1120 (4 credit hours) and 1120L (lab for 1 credit hour) in each language may be taken in the College of Arts and Sciences for up to 15 credit hours to meet the foreign language proficiency requirement.

Performance majors in piano are required to enroll in MVK 4640 for 4 credits as a part of the Music Electives.

The following requirements for the piano pedagogy emphasis are to be taken as a part of the Music Electives:

MVK 4640 (4) MVK 4641 (4)

Recital Scheduling Procedures and Policies

JUNIOR RECITAL/APPLIED MUSIC: A public recital, either solo or shared, will be given during the student's junior year. The student should have achieved junior classification as defined by the university and should be enrolled at the 3000 level in applied music, which would normally occur during a student's third year of study. Credit may be granted to transfer students for junior recitals completed at other institutions. This recital should have been completed during the student's junior year at that institution and a request for recognition of that recital should be made in writing to the applied music coordinator. No studio teacher is under any obligation to accept these transfer recitals.

SENIOR RECITAL/APPLIED MUSIC: A public recital will be given during a student's senior year. The student should have achieved senior classification as defined by the university and should be enrolled at the 4000 level in applied music, which would normally occur during a student's fourth year of study. A senior recital performed at another institution will not satisfy graduate requirements for USF. The recital must be performed on the USF campus and the student must be enrolled in the studio of a USF faculty member during the term of said recital unless written permission to deviate from this policy is obtained from the School of Music Director.

GRADUATING RECITAL/MUSIC EDUCATION: A public recital will be given during the student's last year of applied music study. The student should have achieved junior classification as defined by the university and should be enrolled at the 3000 or 4000 level in applied music. A recital performed at another institution will not satisfy graduation requirements for USF. The recital must be performed on the USF campus and the student must be enrolled in the studio of a USF faculty member during the term of said recital. Exceptions may be made by the Director of the School of Music when deemed appropriate.

A RECITAL APPROVAL FORM MUST BE COMPLETED FOLLOWING ALL RECITALS AND PLACED IN EACH MUSIC STUDENT'S ADVISING FOLDER IN ORDER FOR DEGREE CERTIFICATION PROCEDURES TO BE COMPLETED.

Jazz Studies Concentration Performance Emphasis

The following courses are required in addition to the core requirements:

MUT 3663 (2) MUT 3664 (2)
Applied music (major) through the 3000 level (min. of 18 hours).

The Basic Jazz Theory Exam must be successfully completed before a student is allowed to enroll in MUT 2641, Jazz Theory/Improvisation I class. The exam is offered on the first day of each Fall semester.

All Jazz Studies majors must successfully complete the Improvisational Competency Exam before they are permitted to present their Junior Recital or be admitted to MUT 3663, Advanced Jazz Improvisation. The exam is offered each semester during Final Exams (juries) and is adjudicated by the Jazz Studies faculty. Each student must demonstrate competency in the art of improvisation on repertoire drawn from the Jazz Chamber Ensemble Tune List and materials taught in MUT 2641-2642, Jazz Theory and Improvisation I-II.

(See Piano Proficiency Requirement Policies)

Composition Emphasis

The following courses are required in addition to the core requirements:

MUC 2221 (6) MUC 4403 (3) MUC 4404 (3)

Elective Composition (6)

Applied music (principal) with a minimum of 4 hours at the 2000 level.

Jazz piano proficiency required.

Composition Concentration

All students seeking a degree in music with a composition concentration are required to fulfill the senior composition requirements (with the approval of the entire composition faculty) in one of the following ways: (a) a complete public performance of works by the student composer, (b) the public performance of several compositions in various concerts throughout the composer's senior year, (c) the formal presentation to the composition faculty of an extensive portfolio of compositions plus the public performance of at least one of these works during the senior year, or (d) in other ways designated by the composition faculty.

Applied Music (Principal) (8)

A minimum of 8 credit hours of applied music is required with a minimum of 4 credit hours at the 2000 level.

Composition Courses (24)

MUC 2301 (3) MUC 2221 (3,3) MUC 3231 (3)

MUC 3401 (3) MUC 3402 (3) MUC 4241 (3)

MUT 4311 (2) MUT 4312 (2)

For other degree requirements for all the above concentrations, see the College of Visual and Performing Arts requirements and the university's General Education and graduation requirements.

Requirements for the B.S. Degree in Music Education (MUE)

Prerequisites (State Mandated Common Prerequisites)

Transfer students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at a Florida community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C-" is the minimum acceptable grade. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

Note: The following prerequisites are required for all education majors. Students should consult their intended majors (listed under "Departments and Programs," below) for a list of other specific course prerequisites and requirements beyond these listed below:

- EDF X005 Introduction to Education 3
- EDG 2701 Teaching Diverse Populations 3
- EME 2040 Introduction to Educational Technology 3
- Nine (9) semester hours in English to include writing,

- literature, and speech
- Nine (9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory
- Nine (9) semester hours in mathematics to include college algebra or above and geometry
- Twelve (12) semester hours in social sciences to include American history and general psychology
- Six (6) semester hours of courses with an international and/or diversity focus (in addition to EDG 2701). If these courses are taken elsewhere, the institution transferring credit to USF must certify that the course content satisfies the international/diversity focus requirement.
- Three (3) semester hours in Philosophy
- Three (3) semester hours in Fine Arts

A maximum of 9 credits of "S" grade for non-Gordon courses is allowed for the degree.

- MUT x111 Music Theory
or MUT x121, x122, x126, or x127
- MUT x112 Music Theory
or MUT x121, x122, x126, or x127
- MUT x116 Music Theory
or MUT x121, x122, x126, or x127
- MUT x117 Music Theory
or MUT x121, x122, x126, or x127
- MUT x241 Aural Theory
or MUT x221, x222, x226, and x227
or MUT x261, x262, x266, and x267
or MUT x271, x272, x276, and x277
- MUT x242 Aural Theory
or MUT x221, x222, x226, and x227
or MUT x261, x262, x266, and x267
or MUT x271, x272, x276, and x277
- MUT x246 Advanced Aural Theory
or MUT x221, x222, x226, and x227
or MUT x261, x262, x266, and x267
or MUT x271, x272, x276, and x277
- MUT x247 Advanced Aural Theory
or MUT x221, x222, x226, and x227
or MUT x261, x262, x266, and x267
or MUT x271, x272, x276, and x277
- MUNXXXX 4 semester hours
- MVxX1X1 Secondary Applied Music Courses,
2-4 semester hours
- MVxX2X2 Secondary Applied Music Courses,
2-4 semester hours
- Secondary Piano Proficiency by Examination
or MVK x111, x112, x121 and x122
or MVK x111r, x112r, x121r
or MVK x211 and x221

This is an official state teacher education program. All music education students must demonstrate teaching proficiency upon completion of MUE 2090 in order to continue in the program. Students remain coded as pre-music education (MPE) until all degree admission requirements have been met.

ALL General Education courses, lower-level education courses, and examinations required by the College of Education must be completed for official admission to the BS degree program in music education. The FTCE (Florida Teacher Certification Exam), which includes the GKT (General Knowledge Test), the PEd (Professional Education Exam), and the SAE (Subject Area Examination in Music) must be taken before entering the internship and successfully completed for the degree and for Florida teacher certification. A copy of the GKT results must be given by the student to the College of Education Internship Office immediately upon receipt.

Liberal Arts Exit requirements in Major Works/Major Issues are satisfied by music courses. The Literature & Writing course is waived by USF for teacher education music majors.

Gordon Rule Communication requirements (12 credit hours in ENC 1101, 1102, PHH 2000, and MUL 2111) and Compu-

tation requirements (6 credit hours) are satisfied through General Education courses.

The CVPA requirement for a course in art, dance, or theatre is waived for teacher education music majors.

The minimum acceptable grade for music, music education, education, and Gordon courses is "C-." The GPA in both specialization courses (music) and professional courses (music education and education) must be 2.5 in order to graduate.

MUSIC (48 credit hours)

- Music Theory 12
MUT 1111, 1112, 2116, 2117 (MUT 1112 is the prerequisite for MUG 3104 and MUL 2111)
- Aural Theory 4
MUT 1241, 1242, 2246, 2247
- Keyboard Skills 0-8
MVK 1111, 1121, 2111, 2121
Proficiency required by testing or course(s)
- MUG 3104 Basic Conducting 2

Music Literature and History

- MUL 2111 Introduction to Music Literature (FA) * 3
- MUH 2051 Folk and Traditional Music of World Cultures (ALAMEA) * 3
- MUH 3301 Baroque and Classic (MW/MI) 3
- MUH 3302 Romantic through Contemporary (MW/MI) 3
- Applied Principal (Studio) (2 terms each level) 12
MVx 131X, 232X, 333X (culminating in junior recital)
- MUN 3XXX Major Ensemble 6
concurrent registration with studio
- MUS 2101 Recital Attendance 0
attendance at minimum 60 programs

MUSIC EDUCATION (37 cr. hrs.) & EDUCATION (12 cr. hrs.)

Methods courses include (1) curriculum and instruction, (2) human development and learning, (3) classroom management, (4) assessment through measurements, (5) teaching exceptional students with varied learning styles and achievement levels.

- MUE 2090 Theoretical Bases of Music Education 3
- EDG 2701 Teaching Diverse Populations and Field Experience 3
- EME 2040 Introduction to Educational Technology 3
(or course in computer applications in music education)
- FLE 4365 ESOL Competencies and Strategies 3
- RED 4310 Reading and Learning to Read 3
- MUS 4930 Selected Topics in Music (see Advisor) 2
- MUE 3421 Choral Techniques and Pedagogy (1+1) 2
- MUE 3422 Wind Techniques and Pedagogy (2+2) 4
- MUE 3423 String Techniques and Pedagogy 2
- MUN 3313 University Singers 1
- or
- MUN 3343 Chamber Singers (by audition) 1
- MUS 4931 Selected Studio Topics in Music (See Advisor)
- or
- MUN 3443 Percussion Ensemble
- MUE 3930 Music Education Forum (1x3) 3
- MUE 4311 K-12 General Music Methods and Practicum (includes pre-internship) 4
- MUE 4331 Choral Methods in the Secondary School (includes pre-internship) 3
- or
- MUE 4332 Instrumental Music in the Secondary School (includes pre-internship) 3
- MUE 4480 Special Ensemble Methods 2-6
(may be repeated to enroll in other sections)
- 001 - Marching Band Methods
- 002 - Jazz in the Public Schools
- 003 - World Music Methods
- MUE 4936 Senior Seminar 2

(includes taking the ETS Major Field Test in Music)
MUE 4940 Internship 8

Requirements for the B.A. Degree in Music Studies (MSU)

Prerequisites (State Mandated Common Prerequisites)

Transfer students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at a Florida community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C-" is the minimum acceptable grade. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

- MUT x111 Music Theory
or MUT x121, x122, x126, or x127
- MUT x112 Music Theory
or MUT x121, x122, x126, or x127
- MUT x116 Music Theory
or MUT x121, x122, x126, or x127
- MUT x117 Music Theory
or MUT x121, x122, x126, or x127
- MUT x241 Aural Theory
or MUT x221, x222, x226, x227, x261, x261,
x266, x267, x271, x272, x276, or x277
- MUT x242 Aural Theory
or MUT x221, x222, x226, x227, x261, x261,
x266, x267, x271, x272, x276, or x277
- MUT x246 Advanced Aural Theory
or MUT x221, x222, x226, x227, x261, x261,
x266, x267, x271, x272, x276, or x277
- MUT x247 Advanced Aural Theory
or MUT x221, x222, x226, x227, x261, x261,
x266, x267, x271, x272, x276, or x277
- MUNXXXX 4 semester hours
- MVXX1X Secondary Applied Music Courses,
2-4 semester hours
- MVXX2X Secondary Applied Music Courses,
2-4 semester hours
- Secondary Piano Proficiency by Examination
or MVK x111, x112, and x122
or MVK x111r, x112r, x121r, and x121r
or MVK x211 and x221

Core (36 credit hours)

APPLIED STUDIES IN MUSIC

Completion of sophomore level in studio
(Principal, not Major)

- Four terms in major ensemble 4
- Two terms of keyboard skills 4
- MUG 3104 (conducting) or MUT 2641
(jazz theory & improvisation) 2

APPLIED STUDIES IN MUSIC

- Three terms of theory (written and Aural). 12
- Placement Test is required.
- Written: MUT 1111, 1112, 2116; Aural: MUT 1241, 1242, 2246
- Excluding Rudiments MUT 1001 (must be taken if required)
- Literature and History: MUL 2111, and MUH 3301 or 3302 6

MUSIC EMPHASIS (CHOOSE ONE) (9 credit hours)

1. Applied Music

- Completion of junior level in studio, including junior
recital 4
- Three additional terms of major ensemble 3
- MUG 4302 (conducting), third term of keyboard skills, or
MUT 2642 (jazz theory & improvisation) 3

2. Music Composition (MUC)

- Three additional courses: MUC 2221 (twice) and
MUC 2301 9
- 3. **Music History (MUH)**
Three additional courses: MUH 2051 or 2632,
MUH 3301 or 3302, and MUH 4058 or 4801 9
- 4. **Music Theory (MUT)**
Three additional courses of written theory: MUT 2117,
4421, 4571 9

MUSIC ELECTIVES (4 –6 credit hours)

Excluding non-major music courses 4-6
May be selected from applied music (including conducting,
ensembles, keyboard skills, and studio), music composition,
music education, music history, music literature, and music
theory. Piano proficiency as established sufficient by testing
can allow conversion of Keyboard Skills hours to electives in
music.

RECITAL ATTENDANCE

Students register for Recital Attendance (MUS 2010) only in the
semester in which they will complete a minimum total of 60 to
receive an "S" grade (0 credit hours). Students keep records in
FAH 136 office. 10-15 recitals per term.

CVPA Requirement (6 hours)

Music majors should take one 3-hour CVPA course certified
in Historical Perspectives and one 3-hour CVPA course certi-
fied in the Fine Arts section of the Liberal Arts Requirements in
order to graduate within 120 semester credit hours. These
courses must be taken in the Schools of Art and Art History and/
or Theatre and Dance, not in the School of Music.

Requirements for a Minor in Music

Students seeking a minor in music may choose from three
concentrations, each with a minimum of 19-23 semester hours
required: (1) History-Theory-Literature, (2) Applied Medium
and (3) Composition. Each of the concentrations will include
the same core curriculum consisting of 11 hours. A minimum
of 8 hours for the minor must be earned at USF.

- 1. **CORE CURRICULUM** 11 hours
 - Music Theory (8)
 - Introduction to Music Literature (3)
 - or
 - Music History (non-major courses excluded) (3)
- 2. **OPTIONAL CONCENTRATIONS**
 - a. History-Theory-Literature 9-10 hours
 - An audition is not required.
 - Music History and/or Theory and/or Literature (7-8)
 - Music Ensemble (2)
 - MUS 2010 Recital Attendance (0)
 - b. Applied Music (Principal) 8-12 hours
 - Acceptance by audition into the School of Music is re-
quired.
 - Performance Studio courses which may include
up to 2 semester hours of class-studio (6-8)
 - Music Ensembles (2-4)
 - MUS 2010 Recital Attendance (0)
 - Faculty jury recommendations for
sophomore-level studio study (minimum)
 - c. Composition 9 hours
 - Acceptance by audition into the School of Music is re-
quired.
 - Introduction to Electronic Music (2)
 - Composition Studio courses which may include
one course of orchestration (6)
 - Music Ensemble (1)
 - MUS 2010 Recital Attendance (0)
- 3. **Admission** to all composition and studio applied music
courses is by audition and/or permission of the instructor.
Studio courses may be repeated for credit as stipulated in the
catalog.

Requirements for a Minor in Electronic Music

Students seeking a minor in electronic music must be proficient in basic music theory. They may establish their proficiency either by taking the Theory Placement Test and placing in Music Theory I, MUT 1111, or by completing Rudiments of Music, MUT 1001, with a minimum grade of "C-". A minimum of 8 hours for the minor must be earned at USF.

STUDIES IN ELECTRONIC MUSIC (in the following sequence)

MUC 2301 Introduction to Electronic Music	3
MUC 3401 EM: Analog Synthesis I	3
MUC 3402 EM: Analog Synthesis II	3
MUC 3441 EM: Digital Synthesis I	3
MUC 3442 EM: Digital Synthesis II	3

ELECTIVES IN MUSIC (may be concurrent with EM courses)

Excluding non-major music courses 4-6

Taken from applied music (including ensembles), music composition, music education, music history, music literature, and music theory.

The Faculty

The music faculty is made up of outstanding musicians and scholars whose talents and achievements provide a unique educational resource for all music students. Faculty ensembles such as the Faculty Chamber Players and the Faculty Jazz Combo provide an important musical contribution to campus and Tampa area cultural life, and many music faculty perform in professional music ensembles across west central Florida.

Student Organizations

The Music organizations of Sigma Alpha Iota, Phi Mu Alpha Sinfonia, and Pi Kappa Lambda, the honorary music organization, maintain active chapters in the School of Music. Additionally, chapters of the College Music Educators National Conference, American Choral Directors Association, Kappa Kappa Psi Band Fraternity and the International Association of Jazz Educators provide an important liaison with other professional musicians and teachers.

Visiting Scholars, Artists, and Artists-in-Residence

The School of Music utilizes guest composers, conductors, and performing musicians to enhance its offerings in terms of teaching faculty, forum appearances, and the conducting of musical programs, symposia, and clinics. Some prominent musicians and scholars who have appeared in the past are: Norman Dello Joio, Olly Wilson, Randall Thompson, Guarneri String Quartet, Virgil Thompson, Beaux Arts Trio, Walter Trampler, Boris Goldovsky, Fred Hemke, Gregg Smith, Lukas Foss, Norman Luboff, Maurice Andre, Phil Woods, Jean Pierre Rampal, David Baker, Adele Adison, John Cage, Byron Janis, Karel Husa, Louis Bellson, Leslie Bassett, David Samuels, Samuel Adler, Julius Baker, Gunther Schuller, Ransom Wilson, Robert Merrill, T. J. Anderson, Doc Severinsen, Hale Smith, Bethany Beardslee, George Russell, Robert Shaw, Art Blakey, Toshiko Akiyoshi, Andre Watts, Christopher Hogwood, Howard Gardner, Edwin Gordon, Peter Webster, Bennett Reimer, David Elliott, Elliot Eisner, Doreen Rao, Jo-Michael Scheibe, La Camerata Romeo, Libby Larsen, John Faddis, Evan Chambers, Elliot Antokoletz, Benjamin Suchoff, Peter Bartok, and Richard Colwell.

Financial Aid

Scholarship and Talent Award Guidelines

The School of Music offers a variety of financial aid programs to assist talented musicians in their musical studies. Two types of awards – Scholarships and Talent Awards – are in place, each with its own set of criteria. Scholarship awards will be automatically renewed every year (four years for entering Freshmen or until the anticipated graduation date of transfer students) upon the request of the student and maintenance of

the standards (described below) established by the School of Music. Talent Awards must be renewed every semester via approval of the ensemble director. Awards typically are made on the basis of excellence in musicianship and/or personnel needs in a particular performance area. Financial assistance programs include up to four-year scholarship commitments and/or per-semester talent awards. All entering transfer, and returning students intending to participate in a major ensemble are eligible to apply and audition for a financial award.

The audition committees will make recommendations to the appropriate ensemble director. These recommendations may include a suggested award amount and/or simply a designation as to the eligibility level of the student.

Final recommendations on the amount of the award given will be made by the appropriate ensemble director to the Director of the School of Music. These decisions will be based upon a variety of factors including: available budget, proven ability of student, ensemble/school needs, potential to succeed, letters of recommendation, and all academic records.

Talent Award

The student must enroll for credit and perform satisfactorily in the ensemble awarding the money. The student is not required to study in an applied studio, to be enrolled for 12 credit hours, to meet minimum academic standards or to be pursuing a music major or minor. All talent award recipients must request renewal directly from the ensemble director granting the award each semester. The director may request the student to re-audition or may choose not to renew the award.

Scholarship Award

- Student must be pursuing a music major or minor
- Student must maintain a minimum of 12 semester hours of course load in each semester
- Student must maintain a GPA of 2.5 overall and 3.0 in all music courses
- Student must enroll for credit in an applied music studio appropriate to the performing instrument
- Student must enroll for credit in the ensemble(s) appropriate to the performing instrument
- Students are often required to perform in two ensembles, depending upon the needs of the ensemble program.
- NOTE: All music students on scholarship will be required to perform up to two services per semester in reading/performing student composer projects as part of the expectations to maintain their music financial aid. These two services are not inclusive of rehearsals to prepare the student works should public performance be a part of the required services. The Coordinator of the Composition program or his/her designee will organize administration of the composition program and the student participation in required services.

Continuing Students Scholarship: All scholarship students who wish to continue to receive their awards must fill out a Continuing Scholarship Application Form in the Spring semester. Failure to do so may result in the reallocation of the scholarship to other students. Each student must also submit a performance evaluation sheet from their applied teacher and major ensemble director along with their request for renewal.

Duration of Awards: Scholarship awards are given to incoming freshmen for eight semesters. Length of award to transfer students will be determined after an evaluation of their transcript has projected a graduation date. Students may not continue to renew their scholarship beyond this point. They may, however, apply to an ensemble director for a talent award after this time. Talent awards may be renewed as many times as are deemed appropriate by the ensemble director.

Revocation of Awards: Scholarship awards may be revoked if students

- Fail to maintain full-time status (12 credit hours)
- Fail to maintain required GPA
- Fail to participate in appropriate ensembles (as determined by applied teachers and ensemble directors)
- Switch major area of study outside of music

Fail to perform satisfactorily in applied lessons or major ensemble(s)

Fail to maintain satisfactory progress in academic studies in music

Repayment of award will be sought from any student who drops out of school, drops out of ensemble/applied music participation, or fails to maintain 12 credit hours during a semester in which they have received an award.

Interning Music Education Students: A student, during his/her interning semester, may continue to receive scholarship monies (even though they may be unable to comply with the ensemble requirement) upon approval by the Director of the School of Music. The Director will, as a matter of course, seek the recommendation of the applied instructor and the Coordinator of Music Education.

• THEATRE (TAR)

TheatreUSF is fully accredited by the National Association of Schools of Theatre (NAST). Through its curriculum and production program, Theatre offers seriously interested students the opportunity to prepare within a liberal arts atmosphere for a professional career in the theatre or to continue their studies at the graduate level.

For over 30 years, our exclusively undergraduate program has prepared critically aware and skilled theatre practitioners.

The school's mission is to educate students in the art of theatre, to conduct original research, and to present challenging productions to the university and Tampa Bay communities.

Students may graduate with a broad based theatre arts degree, or they may specialize in performance or design.

Special Features

1. The endowed British International Theatre Program (BRIT) brings five or more professional artists from the UK to work with upper level students for 6-8 weeks each spring semester. The BRIT Program is available each spring semester to 16 advanced theatre students by audition. The program consists of master classes and/or production experience with select guest artists from the U.K.
2. The John W. Holloway endowed chair in theatre and dance provides funds annually for guest artist residencies. The Holloway Program provides classes and production experiences with internationally renowned artists in design, directing, acting, writing, and musical theatre.
3. USF's Theatre program has a formal student Exchange Program with Middlesex University in London, England.
4. The School Honors Program allows small select groups of upper-division students to work on special projects with faculty and guest artists for up to one year. The Honors Program is available to upper level majors who have a 3.5 GPA in the major and a 3.2 overall GPA and who have achieved a comparably high level of artistic or scholarly achievement. A 6-8 credit one-year sequence of courses is offered to students accepted into the Honors Program. The sequence progresses from a reading seminar to a guest artist practicum to a student thesis or project. With approval of director and instructor, the entire Honors sequence may substitute for one of the Theatre History/Literature requirements.

Guest artists have been working professionals from New York, San Francisco, Denver, Los Angeles, Munich, London, Tel Aviv.

Visiting Artists and Artists-in-Residence

TheatreUSF actively promotes guest artists on campus. A representative list of artist from the last ten years includes Maria Aitken, Peter Barkworth, Bill Bryden, Daniel Chumley, Russel Craig, Matthew Francis, George Froscher, Christopher Fry, John and Lisel Gale, Patrick Garland, Ronald Harwood, Jeff Jones, Rachel Kavanaugh, Sam Mendes, Bob Moody, Eric Overmyer, Louise Page, Estelle Parsons, Olga Petrovna, Roni

Pinkovitch, Denis Quilley, Gerlind Reinshagen, L. Kenneth Richardson, Lord Brian Rix, James Roose-Evans, Dorothy Tutin, Robert Wierzel, and Jose Yglesias. These and others have helped the department develop relationships with: UMO, London's West End, The Royal National Theatre, The Royal Shakespeare Company, The Actors' Studio, Broadway, San Francisco Mime Troupe, Free Theatre of Munich, The Chichester Festival, The Edinburgh Festival, The Spoleto Festival, Yale Repertory Theatre, and Habimah Theatre in Israel.

Requirements for the B.A. Degree with a Major in Theatre

Prerequisites (State Mandated Common Prerequisites)

For students transferring from a Community College: Students are encouraged to complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the courses below recommended.

Students need not have completed a concentration of courses in theatre in order to consider a Theatre major at USF. However, admission to the upper-level Theatre Performance program is by audition and admission to the upper-level Design sequence is by portfolio review. If the student does not succeed in passing the audition or portfolio review certain Theatre program requirements may have to be repeated until successful completion of the audition or portfolio review can be achieved.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade. A "C" average in the major is required for graduation.

If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

THE 2000 Introduction to the Theatre
or any introductory course from 001-035 at the 1 or 2 level
THE 2300 Script Analysis, 3 semester hours
or THE 2305
TPA 1290 Production Involvement, 1 semester hour
or THE X925, 1 semester hour
TPA 2200 Introduction to Technical Theatre I, 3 semester hours or TPA 2210, 3 semester hours
TPP 1190 Studio Theatre-Cast, 1 semester hour
or TPP 2190, 1 semester hour
TPP 2100 Voice-Body-Improvisation, 3 semester hours
or TPP 2210, 3 semester hours
PLUS nine hours of any combination of THE, TPA and TPP courses.

The students may choose one of three areas for the B.A. degree: Performance, Design or Theatre Arts. Common to all is the following core, normally taken in the years indicated:

Core Curriculum (33 hours)

First Year (14 hours)

THE 2020	Introduction to Theatre	(3)
TPP 2110	Voice-Body Improvisation	(3)
TPA 2200	Intro to Technical Theatre I	(3)
TPA 2290L	Intro to Technical Theatre Lab I	(1)
TPA 2211	Intro to Technical Theatre II	(3)
TPA 2291L	Intro to Technical Theatre Lab II	(1)

Second Year (8 hours)

THE 2305	Script Analysis	(3)
Choice of:		

COLLEGE OF VISUAL AND PERFORMING ARTS 201

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

THE 3110	Theatre History I -XMW or	(3)
THE 3111	Theatre History II -XMW and	(3)
TPA 2292	Production Involvement I	(1)
TPP 2190	Studio Theatre Performance I	(1)

Third Year (8 hours)

Choice of two Theatre History/Literature:

THE 3110	Theatre History I - XMW	(3)
THE 3111	Theatre History II -XMW	(3)
THE 4180	Theatre Origins -6A -XMW-XLW	(3)
THE 4320	Theatre of Myth and Ritual -6A -XMW-XLW	(3)
THE 4330	Shakespeare for the Theatre -6A -XMW-XLW	(3)
THE 4360	19 th Century Theatre Revolution -6A -XLW-XMW	(3)
THE 4401	O'Neill and After -6A -XMW-XLW	(3)
THE 4434	Caribbean Theatre -6A -XMW-XLW	(3)
THE 4435	Theatre of Pluralism -6A -XMW-XLW	(3)
THE 4442	Comedy of Classic & Neoclassic Stage -6A -XLW-XMW	(3)
THE 4480	Drama Special Topics	(3)

Note: By prior agreement between the director and instructor the Honors sequence in its entirety (THE 4593, 4594, 4595) may substitute for one Theatre History/Literature course requirement.

TPA 4293	Production Involvement II	(1)
TPP 4193	Studio Performance II	(1)

Fourth Year (3 hours)

THE 4562	Contemporary Performance Theory -6A -XMW-XLW	(3)
----------	--	-----

Audition and Portfolio Review: All students desiring admittance into the upper level acting courses must audition and those entering the upper level design sequence must present a portfolio. This normally occurs after the completion of the sophomore year.

REQUIRED COURSES FOR AREAS OF STUDY IN THEATRE

Theatre Arts Concentration (BA Degree)

The Theatre Arts Concentration is intended for the student who, in consultation with the Theatre Advisor, wishes to construct his/her own degree program from a broad spectrum of theatre courses. In addition to courses in performance and design, areas of study available are Puppetry, Playwriting, Stage Management, Directing, Literature and Criticism.

General Education:	36
Language:	8-10
Exit courses:	9
Theatre core:	33
	86 - 88

TPP Courses:	3
THE; TPA; TPP Courses	18
(9 must be at upper level)	
Free Electives	11-13
	32-34

Total Hours	120
-------------	-----

Performance Concentration (BA Degree)

General Education:	36
Language:	8-10
Exit Courses:	9
Theatre Core:	33
	86-88

TPP 3920	Acting Studio I	8
TPP 3921	Acting Studio II	8
Additional TPP Courses		9
Free Electives		8
		33

Total Hours	120
-------------	-----

Design Concentration (BA Degree)

General Education	36
Language:	8-10
Exit Courses:	9
Theatre Core:	33
	86-88

TPA 3007	Introduction to Design I	3
TPA 3008	Introduction to Design II	3
TPA 3208	Drafting and CAD I	3

Plus TWO

TPA 3231	Costume Construction	3
TPA 3221	Lighting Theory and Practice	3
TPA 3251	Drafting and CAD II	3

AND

THE 4283	Architecture and Decor	3
THE 4264	Costume History	3
TPA 4011	Design Studio I	3

Free Electives	8-10
----------------	------

	32-34
--	-------

Total Hours	120
-------------	-----

Requirements for B.F.A. Degree with Theatre Design Concentration

Note: 1) Language requirement not applicable for B.F.A. degree; 2) With careful selection of General Education and Exit Courses the BFA may be achieved in 120 hours. See Advisor.

General Education:	36
Language:	Not Required
Exit Courses:	9
Theatre Core:	33
	78

TPA 3007	Introduction to Design I	3
TPA 3008	Introduction to Design II	3
TPA 3208	Drafting & CAD I	3

TPA 3231	Costume Construction	3
TPA 3221	Lighting Theory and Practice	3
TPA 3251	Drafting and CAD II	3
THE 4283	Architecture and Decor	3
THE 4264	Costume History	3
TPA 4011	Design Studio I	3
TPA 4012	Design Studio II	3
TPA 4013	Design Studio III	3
TPA 3296	Design Practicum	2
TPA 4298	Advanced Design Practicum	3
TPA Electives		2
Advised Other Electives		11
		51

Total Hours	129
-------------	-----

Requirements for a Minor in Theatre

THE 2020	Introduction to Theatre	3
TPP 2110	Voice and Body Improvisation	3
TPP 2190	Studio Theatre Performance I	1
TPA 2292	Production Involvement I	1
TPA 2200	Intro to Technical Theatre I	3
TPA 2290L	Intro to Technical Theatre Lab I	1
TPA 2291	Intro to Technical Theatre II	3
TPA 2291L	Intro to Technical Theatre Lab II	1

A minimum of 7 credits chosen from THE; TPP; TPA courses with the approval of the advisor. All audition and portfolio requirements apply. A minimum of 12 credits must be taken in the USF School of Theatre & Dance.

**VISUAL & PERFORMING ARTS
FACULTY****Art and art history**

Director: W. Wilson; *Distinguished Professor - Dean Emeritus:* D. J. Saff; *Dean Emeritus - Professor Emeritus:* H. W. Covington; *Chair Emeritus - Professor Emeritus:* G. Pappas; *Professors:* J. M. Kronsoble, C. P. Lyman, L. Marcus, M. A. Miller; *Associate Professors:* R. Beckman, E. A. Fraser, V. Hirt, T. E. McLaughlin, B. Shanks, H. Szepe, D. R. E. Wright, T. F. Wujcik; *Assistant Professors:* W. Babcox, Neil Bender, R. Berg, R. Borcila, E. Condon, R. Lawrence, Julie Weitz; *Assistant in Media Technologies:* G. Maddison; *Assistant in Student Advising:* R. Olinger.

Music and music education

Director: W. Weast; *Associate Director:* W. P. Hayden; *Professors Emeriti:* V. A. Bridges, J. Heller, V. S. Jennings, W. D. Owen,

E. Preodor, M. Rearick; *Professors:* V. Fung, J. E. Lewis, R. M. McCormick, N. Niskala, C. R. Owen, R. J. Summer; *Associate Professors:* J. C. Coble, A. L. Hawkins, W. P. Hayden, W. W. Jaworski, S. N. Kluksdahl, S. H. Lee, A. Y. Monroe, J. L. S. Moore, J. B. Moorhead, P. Reller, J. M. Reynolds, J. O. Robison, A. V. Summer, W. W. Wiedrich, A. J. Wilkins, D. A. Williams; *Assistant Professors:* T. Andrasy, K. T. Brantley, R. J. Clifford, M. Gackle, C. E. Stuart, S. Woodward.

Theatre and dance

Director: D. Rose; *Emeritus Professor:* P. Massie, N. Cole; *Professors:* D. M. Calandra, P. Finelli, B. W. Lee, W. A. Lorenzen, C. Steele, G. W. Warren, L. Wimmer; *Associate Professors:* J. W. Belt, S. Robinson, G. B. Stephens, D. K. Williams; *Assistant Professors:* B. Brewer, M. Foley, R. Gordon, F. Green, D. Mann, J. Travers; *Instructor:* D. Frankel; *Lecturer:* J. Parks; *Academic Advisor:* M. L. Morris.

USF Lakeland

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

USF Lakeland is the heart of Florida's High Tech Corridor

Located 30 miles east of Tampa and 40 miles west of Orlando just off the newly developed Polk Parkway, the University of South Florida Lakeland (USF Lakeland) is located at the heart of the emerging Florida High Tech Corridor (FHTC). FHTC is attracting high tech industry in five sectors to include Information Technology, Medical Technologies, Microelectronics, Modeling, Simulation and Training, and Optics and Photonics. USF Lakeland leads the entire University in the field of Information Technology and brings to the FHTC and you, benefits including business partnerships, internships, research endeavors, and growth in economic development by providing an educated workforce attracting new companies to the area.

Beyond the FHTC initiative, USF Lakeland leads Central Florida as an innovator in education. With a focus on the needs of the community and its citizens, USF Lakeland has embraced opportunities to develop new academic and certificate programs responsive to the needs of local hospitals, businesses, and agencies. Fast track programs have been designed to fit your needs and those of employers. New full degree programs are continuously offered for your convenience. Furthermore, USF Lakeland goes beyond the walls of the Tampa campus and provides many full degree programs in a regional setting.

Our reputation for quality education is a promise - it delivers a pledge of satisfaction and accomplishment. As future leaders, our students will face challenges that haven't been thought of. The ability to learn, communicate, think, create and innovate will determine success. Our commitment to integrity means we must prepare students for these challenges.

Education within your reach

According to the publication, "Top American Research Universities," the University of South Florida is ranked one of the top Universities in the entire nation. As a Doctoral/Research extensive institution, the highest educational ranking available, USF Lakeland is dedicated to serving the citizens of Central Florida, in a regional setting. The Lakeland campus is a distinctive, locally available University with premier research and instructional status.

Established in 1986, USF Lakeland serves over 2,000 students, offering over 20 complete undergraduate and graduate degrees through the colleges of Arts and Sciences, Business, Education, Engineering, and Information Technology. The campus also supports a number of individual classes, electives, web-based courses, certificate programs and program partnerships with the main campus in Tampa.

USF Lakeland partners with the local community colleges including Polk Community College (PCC), South Florida Community College (SFCC), Valencia Community College - Osceola (VCC-Osceola), and Hillsborough Community College - Plant City (HCC-Plant City). Specifically, these partnerships provide a 2+2 educational opportunity by allowing you to obtain your first two years (A.A. or A.S.) from the local community college, then completing your baccalaureate and/or graduate degree through USF Lakeland. This collaboration allows you to obtain a 4-year degree, as well as a graduate degree, without leaving your community. In addition to the programs offered at USF Lakeland from a campus shared with PCC, USF Lakeland and SFCC have recently joined together to provide a complete undergraduate program in Elementary Education and a graduate program in Educational Leadership in a regional setting. Plans are underway for additional courses and complete degree program offerings at various off-campus sites including HCC-Plant City.

List of Majors and Programs

Undergraduate Degrees
Bachelor of Applied Science

(for Associate of Science majors)

- Business Management
- Criminal Justice
- Early Childhood Development

Criminology
Elementary Education
Information Systems
General Business Administration
Industrial Engineering
Information Technology
Interdisciplinary Social Science
Psychology
Social Work
Teacher Certification

Graduate Degrees

Civil and Environmental Engineering*
Counselor Education, M.A.
Educational Leadership, M.Ed.
Electrical Engineering*
Engineering Management*
Reading Education, M.A.
Social Work, MSW

Undergraduate Academic Minor Leadership Studies

*FEEDS = Florida Engineering Education Delivery System, televised courses

Certificate Programs

Information Technology Management (15 credit hours)
Information Technology Professional (30 credit hours)
Leadership Studies (9 credit hours)

Type

Doctoral/Research Extensive, State University
Offering upper-level undergraduate, graduate, doctoral and certificate programs

Enrollment

2,500 students

Student-Faculty Ratio

13:1

Average Age

28

Full-Time vs. Part-Time

33% Full-time
67% Part-time

Location

At the heart of the emerging Florida High Tech Corridor

Geographic Diversity

Students come from Polk, Highlands, Hardee, Eastern Hillsborough counties and other surrounding counties within a 100 mile radius of USF Lakeland.

Points of Pride

USF Lakeland's Master's in Educational Leadership is the most innovative program in the State of Florida. It provides fast-track options and alternative course delivery to counteract the affects of the state's Drop Retirement Program leaving districts with many Principal vacancies.

USF Lakeland's Information Technology Department is the only department of its kind for the University of South Florida, and is housed entirely on the Lakeland campus. In the University's history, this is a first for a regional campus to house and operate an entire department.

ACADEMIC PRORAMS OFFERED AT LAKELAND DEGREE REQUIREMENTS

Bachelor of Science in Applied Science (APS)

Location/Phone: SVC 2002; (813) 974-4051

Office Hours: 8 a.m. – 5 p.m., Monday through Friday

Web Address: <http://www.ugs.usf.edu/bsas.htm>

Workforce projections for the 21st century indicate that there will be an ongoing need for people with specific skills and abilities to fill Florida's growing number of specialized, scientific, industrial and technological positions. Florida's two-year colleges offer many exceptional programs that meet these demands through their Associate in Science (A.S.) degrees. Although these applied and technical degrees provide excellent preparation for students seeking jobs that require specific knowledge, skill and ability, they have not generally transferred very efficiently into four-year Bachelor's degree programs. The Bachelor of Science in Applied Science (BSAS) has been developed by USF under certain provisions of Florida legislation to remove constraints from the transfer process, recognize past work as transferable credit to the university, and afford exciting new opportunities for A.S. degree holders to pursue and acquire a distinctive USF Bachelor's degree.

The BSAS program is a "capstone" degree offering A.S. degree holders an efficient pathway to a Bachelor's degree. It provides Florida A.S. transfer students with a broad educational experience and a unique academic area of concentration. The various concentrations allow students to somewhat tailor their degree to match their academic interests and career ambitions. To achieve this end, BSAS students will plan their program in ongoing consultation with an academic advisor who will help students design their individualized program of study.

Requirements for the Major in Bachelor of Science in Applied Science

Recommended Prerequisites (State Mandated Common Prerequisites)

This degree program is available ONLY to Associate in Science (A.S.) graduates from a Florida public community/junior college.

There are no State Mandated Common Prerequisites for this degree program.

Students wishing to transfer to USF must complete the A.S. degree with an overall "C" average in all college-level courses accepted for transfer credit to USF. Students are encouraged to complete at least 18 credit hours of the General Education Requirements as part of their A.S. degree, and it is highly recommended that students select Gordon Rule communication and computation courses to fulfill these requirements while at the community college.

The A.S. degree will transfer as a complete "60 credit hour package" to USF (applicable only to the BSAS program). Technical coursework will transfer as a 42 credit hour technical block. The remaining 18 credit hours of General Education coursework from the A.S. will be matched against USF requirements to determine which courses remain outstanding for fulfillment of the university's 36 credit hour General Education Requirement.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Community College Block Credit (Transferred from A.S.)	42
Community College General Education (Transferred from A.S.)	18
USF General Education	18

USF Exit Courses	9
USF Area of Concentration*	18
USF Electives**	15
Total BSAS Credit Hours	120

*Note that all BSAS Areas of Concentration are at least 18 credit hours (some require 21 credit hours).

** Elective credit hours may vary slightly, but will not require students to exceed a total of 120 credit hours for completion of the BSAS degree.

Within the 60 credit hours of USF/upper-level coursework beyond the A.S., BSAS students will complete:

- a minimum of 48 credit hours of upper-level (3000-4999) courses
- at least 30 hours of the last 60 credit hours at USF
- CLAST requirements
- foreign language requirement (can be satisfied by two years of high school foreign language credit or 8 college credit hours in a single foreign language)

Requirements for the Criminal Justice Area of Concentration (ACJ)

BSAS – Criminal Justice Concentration (ACJ) consists of 18 credit hours:

Only available at Lakeland or Sarasota campus

CCJ 3024	Survey of Criminal Justice	(3)
CCJ 3610	Theories of Criminal Behavior	(3)
CJL 3110	Substantive Criminal Law	(3)
CJC 4010	American Correctional Systems	(3)
CCJ 4934	Seminar in Criminology	(3)
CJE 4144	American Law Enforcement	(3)

Requirements for the General Business Area of Concentration (ABU)

BSAS – General Business Concentration (ABU) consists of 18 credit hours:

ACG 3074	Managerial Accounting for Non-Business Majors	(3)
ECO 1000	Basic Economics	(3)
FIN 3403	Principles of Finance	(3)
MAN 3025	Principles of Management	(3)
MAN 4XXX	Managerial Applications	(3)
MAR 3023	Basic Marketing	(3)

Requirements of the Early Childhood Area of Concentration (AEC)

BSAS – Early Child Development Concentration (AEC) consists of 18 credit hours:

Only available at Lakeland or Sarasota campus

EDF 4111	Child Growth & Learning	(3)
EDG 4909	Young Children w/ Special Needs	(3)
HSC 3301	Health, Safety, Nutrition & Motor Skills	(3)
EEC 4303	Creative & Affective Experiences	(3)
EEC 4408	Child, Family & Teacher Relations	(3)
PAD 4419	Personnel & Supervision	(3)

• **CRIMINOLOGY (CCJ)**

The major in Criminology provides students with an in-depth exposure to the total criminal justice system including law enforcement, detention, the judiciary, corrections, juvenile justice and probation and parole. The program concentrates on achieving balance in the above aspects of the system from the perspective of the criminal justice professional, the offender, and society. The program provides a solid background in the theory, issues and methodology comprising Criminology.

The objective of the undergraduate program in Criminology is to develop a sound educational basis either for graduate

work or for professional training in one or more of the specialized areas comprising the modern urban criminal justice system.

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

There are no State Mandated Common Prerequisites for this degree program.

Transfer students should be aware that by university regulation they are obligated to establish academic residency by completing the equivalent of one academic year (30 semester hours) in "on-campus" courses. All undergraduate transfer students electing Criminology as their major will be required, moreover, to take a minimum of 30 credit hours in major coursework at the University of South Florida. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Requirements for the Major in Criminology

A minimum of 36 semester hours is required of all undergraduate majors in Criminology including:

- Each of the following core courses:

CCJ 3024 (3)*	CCJ 3610 (3)*
CCJ 3701 (3)**	CCJ 4934 (3)
- 24 semester hours of electives within the major.

* These are gateway courses and are required for all other coursework in the major or minor; therefore, they need to be taken first.

**Students who plan to continue on to graduate school must also take CCJ 4700 as one of their electives within the major.

NOTE: No more than six (6) hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major. A student may take an unlimited amount of CCJ 4933 or 4934 as long as they vary in topics.

These residence requirements are designed to ensure that transfer students who subsequently receive their baccalaureate degree from the University of South Florida with a major in Criminology will have been exposed to the same body of knowledge in their major as those students who complete all or a major portion of their coursework at the University of South Florida.

Any student who receives a grade of "D" or lower in more than one USF CCJ course will be automatically barred from continuing as a Criminology major.

Requirements for the Minor in Criminology

The Department of Criminology offers a minor in Criminology.

The minor consists of:

- Two required courses:

CCJ 3024 (3)	CCJ 3610 (3)
--------------	--------------
- The selection of four of the following 3 hour courses for a total of 18 semester hours:

CJL 3110	CCJ 3621
CJE 4114	CJL 4410
CJC 4010	CJE 4010

Students must receive approval from the Department prior to starting their minor work. A minimum of 9 semester hours

must be completed at USF. Students minoring in Criminology are subject to the Department's "2 D" Rule.

Elementary Education Program

Students may complete a state-approved program to be eligible for certification in Elementary Education (Grades K-6). Degree and certification requirements are subject to change in accordance with state mandates. The current program of studies includes both coursework and extensive field experience in elementary school settings to enable students to integrate theory with teaching practice. A professional portfolio that reflects students' demonstration of the Accomplished Practices (APs) is a requirement for graduation.

Elementary Education majors will be assigned to a specified sequence of courses to be followed throughout the program enrollment. Coursework will include internship and field experience. Students who withdraw from or who have unsatisfactory grades in the field experiences or internships must petition the department Professional Standards Committee before they will be allowed to repeat the internships.

Students must have an overall USF GPA of 2.5 and a GPA of 2.5 in the combined Professional Core and Teaching Specialization prior to final internship and graduation.

Part-time students in Elementary Education (those planning to take 9 hours or less per semester) must meet program and internship requirements associated with the programs. These requirements include being available to participate in the internships during regular school hours.

Elementary Education with ESOL Endorsement

The College of Education offers a full ESOL Endorsement for all Elementary Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

• ELEMENTARY EDUCATION

Requirements for the B.S. Degree (BEE): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- | | |
|----------|--|
| EDF 2005 | Introduction to Education |
| EDG 2701 | Teaching Diverse Populations |
| EME 2040 | Introduction to Educational Technology |

- **Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)***
- **Twelve (12) hours of Social Science (to include American History and General Psychology)**
- **Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)**
- **One (1) Natural Science Course must have a lab component**
- **Six (6) hours of International or Multicultural Focus**
- **Nine (9) hours of English (to include Writing, Literature and Speech)**
- **Six (6) hours Humanities (to include Philosophy and Fine Arts)**

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Students are advised that the Elementary Education specialization will require an enrollment of more than the traditional four semesters of the junior and senior years in order to complete the program specialization courses and the required sequence of internship.

The order in which these courses are to be taken is designated in the program of study.

Professional Education (32-33 credit hours):

EDF 3122	Learning and the Developing Child	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2-3
FLE 4362	Curriculum and Pedagogy of ESOL	3
FLE 4363	Literacy Development in English Language Learners	3
FLE 4364	Applying Linguistics to ESOL Teaching and Testing	3
EDE 4940	Internship	12

Specialization (40 credit hours):

EDE 4301	Classroom Management, School Safety, Ethics, Law, and Elementary Methods	3
EDE 4941	Childhood Education Internship Level I	3
HLP 4722	Health and Physical Education for the Child	2
EDE 4942	Childhood Education Internship Level II	6
LAE 4314	Teaching Writing	3
LAE 4414	Teaching Literature in the Elementary Schools	3
MAE 4310	Teaching Elementary School Mathematics I	3
MAE 4326	Teaching Elementary School Mathematics II	3
RED 4310	Reading and Learning to Read	3
RED 4511	Linking Literacy Assessment to Instruction	3
SCE 4310	Teaching Elementary School Science	3
SSE 4313	Teaching Elementary School Social Studies	3
EDG 4909	Directed Studies	3

• GENERAL BUSINESS (GBA)

The General Business major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hours program as listed in the General Requirement section, students must complete two minors from the following business disciplines: accounting, economics, finance, management, management information systems, or marketing. A minimum of 24 hours of upper-level course work must be earned with a GPA of at least 2.0 in each minor. The requirements for each minor are listed with the description of the major.* Minors applied to the General Business major will be referred to as concentrations. Concentrations used as part of the General Business Major will not also be subsequently listed as independent minors on the transcript.

***One exception:** A minor/concentration in economics must consist of four upper level economics courses, excluding QMB 3200.

Requirements for a Minor in Business Administration (Non-

Business Majors Only): Students are required to process an application for the minor in the College of Business. Students must complete an introductory computer course (with a content similar to CGS 2100 Computers in Business) or obtain a waiver for this requirement from the College of Business Administration by demonstrating competence in the use of computers.

1. The course requirements are as follows:

ACG 3074	Managerial Accounting for Non-Business Majors*	3
ECO 1000	Basic Economics**	3
FIN 3403	Principles of Finance	3
MAN 3025	Principles of Management	3
MAN 4XXX	Managerial Applications (see advisor)	3
MKT 3023	Basic Marketing	3
Total		18

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.

3. At least 12 hours of the required 18 credit hours must be taken in residence at USF.

*ACG 2021 & ACG 2071 can be substituted for ACG 3074.

**ECO 2013 & ECO 2023 can be substituted for ECO 1000.

Departmental Policies

In addition to the College's graduation requirement, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirements.

Four-Year Curriculum in Industrial and Management Systems Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

Communications:

ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:

Humanities Courses (6)

Social Science Courses (6)

Humanities or Social Sciences (3)

Mathematics:

USF

MAC 2281

MAC 2282

MAC 2283

MAP 2302

C/C

MAC 2311* (4)

MAC 2312* (4)

MAC 2313* (4)

MAP 2302 (3)

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:

USF

CHM 2045

CHM 2045L

C/C

CHM 1045* (3)

CHM 1045L* (1)

PHY 2048	PHY 2048 (3)
PHY 2048L	PHY 2048L (1)
PHY 2049	PHY 2049 (3)
PHY 2049L	PHY 2049L (1)

*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

Industrial Engineering Admissions Requirements

Transfer students must have completed the equivalent USF Engineering Calculus sequence with a 2.0 GPA; must have completed one year of equivalent USF General Physics and Chemistry courses with a minimum of 2.0 GPA; must have a USF and overall GPA of 2.0 or better.

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I

CHM 2045	Chemistry I	3
CHM 2045L	Chemistry I Lab	1
EGN 3000	Foundations of Engineering	1
ENC 1101	Composition I	3
MAC 2281	Engineering Calculus I	4
Social Science Elective		3
Total		15

Semester II

CHM 2046	Chemistry II	3
EGN 2031	History of Technology (or Historical Perspectives elective)	3
ENC 1102	Composition II	3
MAC 2282	Engineering Calculus II	4
PHY 2048	Physics I	3
PHY 2048L	Physics I Lab	1
Total		17

Semester III

EGN 3443	Engineering Statistics	3
MAC 2283	Engineering Calculus III	4
PHY 2049	Physics II	3
PHY 2049L	Physics II Lab	1
EGN 2082	History of Electrotechnology (or other Historical Perspective Elective)	3
Total		14

Semester IV

EGN 3311	Statics	3
EGN 3373	Electrical Systems Engineering I	3
EGN 4450	Linear Systems	2
EGN 3433	Modeling & Analysis of Engineering Systems	
or		
MAP 2302	Differential Equations	3
EGN 2080	Light & the Arts (or other Fine Arts Elective)	3
Total		14

Summer Term

EGN 1113	Engineering Graphics	3
EGN 3615	Engineering Economy with Social and Global Implications (SS)	3

ALAMEA Elective	3
Total	9

Semester V

COP 2510	Programming Concepts	3
EGN 3365	Materials Engineering I	3
EIN 4312C	Work Analysis	3
EIN 4411	Manufacturing Processes	3
ESI 4312	Deterministic OR	3
Total		15

Semester VI

EGN 3343	Thermodynamics	3
EIN 4333	Production Control	3
ESI 4221	Industrial Statistics/Quality Control	3
ESI 4313	Probabilistic OR	3
Tech Elective	Engineering Science	3
Total		15

Semester VII

EIN 4364C	Facilities Design I	3
EIN 4933	Management Cost	3
ESI 4244	Design of Experiments	3
ESI 4523	Industrial Systems Simulation	3
Tech Elective	Industrial Engineering	2
Total		14

Semester VIII

EIN 4313C	Human Factors (6A)	3
EIN 4365	Facilities Design II (MW/MI)	3
EIN 4601	Automation/Robotics	3
ENC 3211	Communication for Engineers (6A L&W)	3
Tech Elective	Industrial Engineering	3
Total		15

Gordon Rule (6A) is fully met through the mathematics courses above, ENC 1101, ENC 1102, ENC 3211 and EIN 4313 or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC 3211 and EIN 4364.

BACHELOR OF SCIENCE IN INFORMATION SYSTEMS

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I

MAC 2281/2241	Calculus I	4
ENC 1101	Composition I	3
Science Elective		3
Social Science Elective		3
Total		13

Semester II

MAC 2282/2242	Calculus II	4
ENC 1102	Composition II	3
PHY 2048/2053	Physics I	3
PHY 2048L/2053L	Physics I Lab	1
Historical Perspective Elective		3
Total		14

Semester III

AGC 2021	Accounting I	3
COP 2510	Programming Concepts	3

EGN 4450	Linear Systems	2
PHY 2049/2054	Physics II	3
PHY 2049L/2054L	Physics II Lab	1
ECO 2013	Macroeconomics	3
Total		15

Semester IV

CDA 3103	Computer Organization	3
COT 3100	Intro Discrete Structures	3
COP 3514	Program Design	3
EGN 3615	Engineering Economics with Social and Global Implications	3
Historical Perspective Elective		3
Total		15

Summer Semester

ECO 2023	Microeconomics	3
EEL 4851	Data Structures	3
Fine Arts Elective		3
Total		9

Semester V

STA 2023	Intro to Statistics	3
COP 4600	Operating Systems	3
CEN 4020	Software Engineering	3
MAN 3025	Principles of Management	3
COT 4400	Analysis of Algorithms	3
Total		15

Semester VI

CEN 4023	Software System Development	3
Science Elective		3
Social Science Elective		3
CSE Software Elective		3
CSE Elective		3
Total		15

Semester VII

ALAMEA Elective		3
CSE Software Elective		6
CSE Elective		3
Total		12

Semester VIII

ENC 3211	Communication for Engineers	3
CIS 4250	Ethical Issues (6A MW/MI)	3
CSE Electives		6
Total		12

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3211 and CIS4250 or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC3211 and CIS4250.

Bachelor of Science in Information Technology

The Mission of the Information Technology Program is to provide high quality educational opportunities for students interested in pursuing careers in the broad range of fields that support our computer/information-based society and economy. Additionally to utilize the resources of the program to provide service to society; and to emphasize to students the need for lifelong learning, ethical conduct and an understanding of the diverse social context in which Information Technology is practiced. The program is offered through the Lakeland Campus.

Specifically the program aspires to:

1. Lead to the advancement of Information Technology through nationally recognized education at the undergraduate level, as well as technology transfer to regional industries and

- businesses;
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning;
3. Educate undergraduates in the best practices of the field as well as integrate the latest research and practices into the curriculum;
4. Emphasize the development of problem solving and communication skills as an integral component of the educational process and the later practice of the discipline;
5. Provide quality learning experiences through highly interactive techniques of course delivery that will include the use of electronic support equipment as well as newly developing distance learning technologies.

Objectives

The Information Technology program graduates will:

1. Have the requisite education and skills to be immediately employable as professionals in our computer/information-based society
2. Be prepared to enter into graduate studies in a number of related graduate programs
3. Be ethical and responsible members of their profession and society as a whole
4. Be well founded in the variety of sub-disciplines that comprise Information Technology which include basic principles of computation, mathematics, science and engineering.

The Information Technology (IT) program is designed to bridge the gap between computer science and management information systems. The emphasis of the program is on knowledge-based computer and information technology, traditional computer science concepts, as well as more practical topics including programming, applications, and networking, systems administration and the management of a variety of computing environments (in an era of rapidly changing technology). IT students will take coursework in computer organization, human-computer interface, data structures, operating systems, networking, databases, and software engineering. Electives can include such application areas as: advanced database, advanced networking, web page design and administration, and e-commerce as well as a variety of other related areas. Through a broad based set of electives, IT students will be able to tailor their program to satisfy individual preferences and strengths.

Students completing the IT program will qualify for a broad range of positions in computer-intensive businesses and industry such as: programmer analyst, systems analyst, database administrator, network administrator, computer resource manager, systems development manager, and information technology management, to name a few.

In addition to the University's graduation requirements, the program has the following policies:

1. Mandatory academic advising of each student each term,
2. Exit interviews as a graduation requirement for all students, and
3. Only grades of C and above in IT courses can be used to fulfill graduation requirements.

Four-Year Curriculum in Information Technology Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College:

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum

hours to the university.

PSY XXXX	Any Psychology Course	
STA X023		
ECO X013		
CGS XXXX	Any Database Course	
COP 2XXX	Any Computer Programming Course	
COP 2XXX	Any Object-Oriented Computer Programming Course	
MAC XXXX	Pre-Calculus Course	
PHY XXXX	Any Physics Course	
M** XXXX	Discrete Mathematics Course	

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

The schedule that follows indicates how a diligent student, who can devote full time to coursework, can satisfy requirements in four academic years. Students without a solid foundation, or those who cannot devote full time to academics, should plan for a slower pace.

Semester I

CGS 2100	Computers in Bus.	3
ENC 1101	Composition I	3
MAC 1140	Precalculus Algebra	3
Gen. Ed.		6
Total		15

Semester II

COP 2510	Programming Concepts	3
ENC 1102	Composition II	3
MAD 3100	Discrete Math	3
ECO 2013	Economic Principles (Macro.)	3
PSY 2012	Psychological Science I	3
Total		15

Semester II

Natural Science		3
COP XXXX	OO Programming (e.g., C++)	3
Electives		9
Total		15

Semester IV

STA 2023	Introductory Statistics I	3
PHY 2020	Conceptual Physics	3
Fine Arts		3
Electives		6
Total		15

Semester V

COP 3515	Program Design for Information Technology	3
CDA 3101	Computer Organization for Information Technology	3
ENC 3211	Communication for Engineers	3
INR 3033	International Political Cultures	3
CEN 3722	Human Computer Interfaces for IT	3
Total		15

Semester VI

EEL 4854	Data Structures and Algorithms for IT	3
COP 4610	Operating Systems for IT	3
ENC 4260	Advanced Technical Writing	3
CGS 3303	IT Concepts	3
IT Approved Electives		3
Total		15

Semester VII

CIS 4703	Database Systems for IT	3
CEN 4031	Software Engineering Concepts for IT	3
EEL 4782	Computer Information Networks for IT	3
IT Approved Electives		6
Total		15

Semester VIII

COP 4930	Information Technology Seminar	1-3
CIS 4935	Senior Project in IT	3-5
CIS 4253	Ethical Issues for Information Technology	3
IT Approved Electives		6
Total		13 - 15

INFORMATION TECHNOLOGY (IT) MINOR PROGRAMS

There are two IT Minor options available.

The **IT General Minor** (15 semester hours) is aimed at providing a good understanding of the concepts underlying Information Technology while enabling the student to choose four elective topics in which to specialize. These elective encompass a wide spectrum of topics such as programming, networking and web design, Human Computer Interface and Security Management. The outcome of this program is to build a solid culture of IT technologies and disciplines from scratch.

The **IT Technical Minor** (24 semester hours) enforces basic scientific pre-requisites and requires interested students to attend three core IT courses meant to provide them with the conceptual and technical basis necessary to successfully dwell in more advanced topics. The elective part of the IT Technical Minor is composed of two electives to be chosen from a larger set of courses including Data Base Systems and Operating System. Successful students are expected to develop a conceptual understanding of the IT field while developing programming skills they may apply to strengthen their major.

IT GENERAL MINOR

Required Course:

CGS 3303	IT Concepts	3
----------	-------------	---

Electives (choose four from list):

CDA 3101	Computer Organization for IT	3
CEN 3722	Human Computer Interfaces for IT	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
COP 3515	Program Design for IT	3
EEL 4782	Computer Information Networks for IT	3
EEL 4854	Data Structures and Algorithms for IT	3
ETG 4931	Special Topics in Technology I	1-5
ETG 4932	Special Topics in Technology II	1-5

IT TECHNICAL MINOR

Prerequisite Courses:

COP 2510	Programming Concepts	3
COT 3100	Introduction to Discrete Structures	3
PHY XXXX	Physics	3

Required Courses:

CGS 3303	IT Concepts	3
COP 3515	Program Design for IT	3
EEL 4854	Data Structures and Algorithms for IT	3

Electives (choose four from list):

CDA 3101	Computer Organization for IT	3
CEN 3722	Human Computer Interfaces for IT	3
CEN 4031	Software Engineering Concepts for IT	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
COP 4610	Operating Systems for IT	3
COP 4703	Database Systems for IT	3
EEL 4782	Computer Information Networks for IT	3
EEL 4854	Data Structures and Algorithms for IT	3
ETG 4931	Special Topics in Technology I	1-5
ETG 4932	Special Topics in Technology II	1-5

POST-BACCALAUREATE CERTIFICATE PROGRAMS IN INFORMATION TECHNOLOGY (IT)

There are two Post-Baccalaureate Information Technology (IT) Certificates available. Both Certificates are designed for students who hold bachelor's degrees in fields other than IT,

but do not seek either a master's degree or a complete undergraduate degree in IT.

The **IT Management Certificate** (15 semester hours) is designed to provide the student an application-oriented managerial background in IT. The typical student pursuing this certificate is not looking to change careers, but rather looking to enhance their technical abilities in their existing job. A four year Bachelor's degree plus some prerequisites are required to enter the IT Management Certificate Program.

The **IT Professional Certificate** (30 semester hours) is designed to help students change careers, i.e. begin a new career as an IT Professional. All classes (15 hours) taken in the IT Management Certificate directly apply toward the IT Professional Certificate. Therefore, each student having completed the IT Management Certificate, will only need 15 additional hours to complete the IT Professional Certificate. However, certain additional prerequisites may be required of the student prior to taking the advanced technically oriented classes contained in the IT Professional Certificate.

Students wanting to enter one of the IT Certificate programs, need to fill out an application to apply and have an official transcript sent from the College or University where they completed their undergraduate degree. The transcript is used to first verify that the student completed their undergraduate degree and second to identify if any additional prerequisite classes that may be required.

IT MANAGEMENT CERTIFICATE

The prerequisites to enter the IT Management Certificate program is a four year undergraduate degree plus the following:

1. MACxxxx Pre-Calculus 3 hrs.
2. STA2023 Intro. To Statistics 3 hrs.
3. Any Basic Computer Skills Course 3 hrs.
(Word Processing, Spreadsheets, Windows, etc.)

NOTE: The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Management Certificate program, the student must complete 15 hours selected from the following:

ETG 4931	Special Topics in Technology I	1-5
CEN 3722	Human Computer Interfaces for IT	3
ETG 4932	Special Topics in Technology II	1-5
COP 4930	Information Technology Seminar	1-3
CIS 4935	Senior Project in Information Technology	3
ENC 4260	Advanced Technical Writing	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
	IT Current Topics	3
	IT Approved Elective	3

IT PROFESSIONAL CERTIFICATE

The prerequisites to enter the IT Professional Certificate program is a four year undergraduate degree plus the following:

1. STA 2023 Intro. To Statistics 3 hrs.
2. CGS xxxx Any Data Base 3 hrs.
3. COP2xxx Computer Programming 3 hrs.
4. COP2xxx OO Programming 3 hrs.
5. MAC xxxx Pre-Calculus 3 hrs.
6. xxxx Discrete Mathematics 3 hrs.

NOTE: The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Professional Certificate program, the student must complete the following 30 hour program:

Required courses for the IT Professional Certificate (12 credit hours):

COP 3515	IT Program Design	3
COP 4610	Operating Systems for IT	3
COP 4610L	Operating Systems Laboratory for IT	1
CDA 3101	Computer Organization for IT	3
EEL 4854	Data Structures and Algorithms for IT	3

Electives (18 credit hours):

ETG 4931	Special Topics in Technology I	1-5
CEN 3722	Human Computer Interfaces for IT	3
CIS 4703	Database Systems for IT	3
CEN 4031	Software Engineering Concepts for IT	3
EEL 4782	Computer Information Networks for IT	3
EEL 4782L	Information Networks Laboratory for IT	1
COP 4930	IT Seminar	1-3
CIS 4935	Senior Project in IT	3-5
ENC 4260	Advanced Technical Writing	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
	IT Current Topics	3
	IT Approved Elective	3

Total 30

• INTERDISCIPLINARY SOCIAL SCIENCES (ISS)

The ISS program is designed to provide an interdisciplinary integration of the social sciences for students who are interested in a broad educational experience. ISS offers a wide choice of courses, and an opportunity to design a quality program geared toward individual needs and interests. Students plan their program in ongoing consultation with the advisor who approves each individual curriculum contract.

Specific requirements for a B.A. degree in Interdisciplinary Social Sciences (ISS) are outlined below:

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for the ISS degree program.

Some of the following courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses, could count toward the ISS degree. A grade of "C" is the minimum acceptable grade.

AFA	2000 Introduction to the Black Experience [In Africa and Its Diaspora]	(3)
AMH	2010 American History I	(3)
or		
AMH	2020 American History II	(3)
ANT	2000 Introduction to Anthropology	(3)
ECO	2013 Economic Principles (Macroeconomics)	(3)
ECO	2023 Economic Principles (Microeconomics)	(3)
GEA	2000 World Regional Geography	(4)
POS	2041 American National Government	(3)
or		
POS	2112 State and Local Government	(3)
SYG	2000 Introduction to Sociology	(3)
WST	X015 Introduction to Women's Studies	(3)

Interdisciplinary Core Courses

Two of these courses, an introductory course (3010) and the senior seminar (4935), introduce and employ the interdisciplinary social science perspective. These courses involve students in the study of human life and experience; the various concepts, theories and methods used in the social sciences; and apply them to contemporary issues and questions. Social Science Statistics is the third core course required for majors in Interdisciplinary Social Sciences.

Coursework required for Interdisciplinary Social Sciences Majors

1. Required core courses for the major are:
 - ISS 3010 Introduction to Social Sciences (3)
 - ISS 4935 Seminar in the Social Sciences -MW (3)
 - STA 2122 Social Sciences Statistics -6A QM (3)
2. The ISS student chooses between two cognate areas and completes twelve hours in each. In addition, three special electives emphasize cultural diversity.
3. Students should work out a program of study at the onset of their junior year, particularly before too many courses are completed in the College of Arts and Sciences. **No student should assume that courses already completed will automatically count toward the ISS degree.**
4. The completion of 42 approved hours of course work from the College of Arts and Sciences (CAS), with a minimum of 30 hours at the 3000 or above level.
5. Students must maintain a minimum grade point average of 2.0 in ISS to graduate.
6. ISS majors must satisfy two semesters of a foreign language in order to graduate.
7. Other personal curricula may be tailored for those highly motivated students, with a minimum grade point average of 3.2, developed with the approval of the advisor. This course of study will be directed toward the special educational interests of these students. An in-depth Honors Research Paper will be required of students taking this option.

No transfer courses with grades of "D" are acceptable for credit in the ISS major.

COGNATE AREAS - Students select two areas and take 12 hours in each. Cognates must be selected from the areas of study listed below:

Africana Studies, American Studies, Anthropology, Communication Sciences and Disorders, Criminology, Economics, Environmental Science and Policy, Gerontology, Geography, History, Humanities, International Studies, Interpreter Training, Latin American Studies, Library and Information Science, Multidisciplinary Behavioral Sciences, Political Science, Psychology, Public Administration, Religious Studies, Social Work, Sociology, and Woman's Studies.

• PSYCHOLOGY (PSY)

Psychology involves the scientific study of behavior and mental processes. Because of this focus, psychology is relevant to many other areas of study both inside and outside of the social and behavioral sciences. The undergraduate program in Psychology offers the student a well-rounded liberal arts education. In addition, the program provides excellent training for qualified students who wish to pursue graduate work in such disciplines as Clinical, Cognitive and Neural Sciences or Industrial Psychology, Education, Gerontology, Counseling, Management, Medicine, Law, and other human service programs. The undergraduate major emphasizes the breadth of psychology while allowing the student some electives to pursue in depth a particular aspect of the field. Interested undergraduate majors may apply for admission to a concentration in Applied Behavioral Analysis, or to the Honors Program. The graduate faculty of the Psychology Department are divided into three broad program areas: Clinical, Cognitive and Neural Sciences, and Industrial/Organizational. Each of

these program areas offers Ph.D.-level training as well as instruction at the undergraduate level.

Requirements for the Major in Psychology

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

PSY X012 Introduction to Psychology **and** any other lower level Psychology course within the Psychology inventory
 STAXXXX Any level Statistics course (X000 - X099)
 BSCXXXX Any level General Biology course (**or** BSC X200-X209, **or** ZOO X010)

Majors must complete at least 34 semester hours in the field. A minimum grade of "C-" or better must be attained in each course in the major, except for PSY 3204 (or other qualifying statistics course) and PSY 3213, where a C or better is required. Although a C- is allowable for individual courses, a major GPA of 2.0 minimum is required for graduation. All majors must complete:

Requirements for Psychology Majors

1. 2000/3000 Level Requirement (6 semester hours)
 - PSY 2012 Psychological Science I (if not already taken at a community college)
 - PSY 3204 Psychological Statistics
2. Methods Course Requirement (7 semester hours)
 - PSY 3213 Research Methods
 - and one of the following:
 - CLP 4433 Tests and Measures
 - PSY 4205 Experimental Design and Analysis
 - or another methods course approved by the undergraduate advisor in Psychology.
3. 4000 Level Requirement (21 semester hours)
 - Courses in categories 1 and 2 must be completed before any 4000 level courses are attempted. Successful completion of 7 additional Psychology courses numbered at the 4000 level selected as follows: At least two courses from each of the two groups below:

Group I

- EXP 4204C Perception
- EXP 4404 Psychology of Learning
- PSB 4013C Physiological Psychology
- EXP 4304 Motivation
- EXP 4523C Cognitive Psychology

Group II

- CLP 4143 Abnormal Psychology
- INP 4004 Industrial Psychology
- SOP 4004 Social Psychology
- DEP 4005 Developmental Psychology
- PPE 4004 Personality

and any 3 additional courses numbered at the 4000 level.

Note: No more than a total of 3 hours of the following courses may count toward the major:

- PSY 4913 Directed Study
- PSY 4970 Honors Thesis.

PSY 4932 may not count toward the major. Nor may EAB 4715

(Supervised Practicum) count towards the major for those in the Applied Behavior Analysis program.

Statistics and Biological Science are required. Otherwise, students majoring in psychology are encouraged to complete a varied undergraduate program.

A prerequisite for all 4000-level courses is a grade of "C" or better in both PSY 3204 (or other qualifying statistics course) and PSY 3213, not "C-". For students minoring in Psychology, a grade of "C" or better in any college-level statistics course will substitute for the PSY 3213.

For students majoring in Interdisciplinary Social Sciences, any college-level statistics course with a grade of "C" or better may serve as prerequisite for 4000 level courses in Psychology but does not substitute for the PSY 3213 requirement.

Requirements for the Minor in Psychology

A minor in Psychology consists of a minimum of 15 credit hours, comprising PSY 2012, and any four 4000-level psychology courses except PSY 4913. Students minoring in Psychology must also obtain a "C" or better in any college level statistics course in lieu of PSY 3213, or must complete PSY 3213 with a "C" or better. A GPA of 2.0 or better in the minor is required for certification. The purpose of the minor is to help students majoring in other disciplines to obtain an appropriate psychology background that will complement their work in their major. See the Psychology Department Undergraduate Advisor for suggested minor programs for students majoring in various fields.

• SOCIAL WORK (SOK)

The University of South Florida offers a program leading to a Bachelor of Social Work (B.S.W.) degree in the School of Social Work, College of Arts and Sciences. This program has been developed in accordance with the guidelines set forth by the Council on Social Work Education, the national accrediting body for social work education programs, and in accordance with the recommendations of the National Association of Social Workers. The B.S.W. program is fully accredited by the Council on Social Work Education. The primary objective of the B.S.W. program is the preparation of the graduate for beginning level professional practice as a social work generalist.

The secondary objectives of the B.S.W. program are to

1. Provide for the social work human resources needs of the university service district (the central Florida west coast area), the State of Florida, and the Southeast Region;
2. Prepare graduates for additional professional training at the graduate level in social work or in related human service professions;
3. Provide an exposure to social work as a profession and to contemporary issues in the social welfare field.

In preparing the B.S.W. graduate for beginning professional practice, the curriculum provides the student with an opportunity to develop a knowledge base and skill base as a "generalist" practitioner. The student will develop an understanding of various methods of intervention and skills in their application to a variety of client systems. For example, interventive methods may take the form of individual and group counseling, resource development, consultation, teaching, advocacy, etc. Client systems may be individuals, families, groups, organizations, or communities. The student will develop an understanding of the dynamics of human behavior in individual, group and organizational contexts and the influences of the sociocultural environment upon those behaviors. The student will learn about the development of social welfare systems and institutions and the social, economic, and political processes affecting policy development and program implementation. The student will develop an understanding of the utilization of basic social research skills particularly related to the processes of problem-solving, planning, and evaluation.

The student will also become aware of the value base of the profession and engage in a self-examination process as it

relates to the development and reflection of ethical and effective professional practice. The B.S.W. program, as any professional program, places great emphasis on the development of a professionally responsible graduate in terms of one's obligations to the client system served, the profession itself, the organization in which one works, and to the general public which ultimately provides any profession with legitimacy.

Enrollment in the B.S.W. program is limited. Students may apply for admission to the School for the B.S.W. program during enrollment in either SOW 3302 or SOW 3203.

However, the completion of the prerequisites does not guarantee the student's admission to the program. Limited state funding places constraints on the size of the social work faculty and in order to maintain a high quality of instruction, it is necessary to achieve an appropriate faculty-student ratio. This means that it may be necessary to deny full admission to the B.S.W. program solely on the basis of no available space. Any student applying for full admission to the program should be aware of this possibility.

A student must maintain a GPA of 2.75 minimum in social work courses while enrolled in the program and demonstrate behaviors that are congruent with professional standards and values as described above in order to proceed in the major. Any student who fails to maintain at least a 2.75 GPA in the social work major and/or demonstrates behaviors that are incongruent with the standards and values of the profession may not proceed in the major.

A social work major receiving a grade of less than "C" in a core course will be required to repeat the course. A grade of "C-" is not considered acceptable and a student receiving a "C-" in a core course must repeat the course. Furthermore, no student will be allowed to enter field placement with a "C-" grade or below in any SOW core courses, even if the student's GPA is 2.75 or above with the inclusion of the a "C-" grade or below.

Admission to the B.S.W. program is a three stage process, i.e., common prerequisites, provisional courses, and core curriculum. Any student who holds a minimum of sophomore standing and is completing common prerequisite work in political science, biology, economics, psychology and sociology (see specific requirements below) may declare a social work major. At this stage, students may file a declaration of major form with the College of Arts and Sciences, Office of Graduate and Undergraduate Studies. All majors will be assigned to an advisor within the School who will assist the student in selecting courses. Many students will have already taken most of the common prerequisite courses as part of general education at USF or in their course of study at a community college. After completion, a student will be ready for courses in the provisional social work major, a final step in applying for full admission to the B.S.W. program as a full major. It is necessary to be admitted as a full major before taking core social work courses.

Admission requirements for the social work full major are as follows:

1. A student must have completed a minimum of one semester as a provisional social work major.
2. A student must have completed required common prerequisites and provisional courses (see listing).
3. A student must complete an application for full admission and file it with the School of Social Work before the beginning of the semester in which admission is sought; dates will be announced in provisional courses.
4. A student may be asked to complete an admission interview with a favorable action from the Undergraduate Committee.
5. A student must achieve a grade of "B" or better in SOW 3302, "Introduction to Social Work" and SOW 3203, "The American Social Welfare System," to be considered for full admission. A grade of "B-" is not acceptable in either "Introduction to Social Work" or "American Social Welfare."
6. A student must have successfully completed CLAST.

A student must achieve a GPA of 2.75 in all Social Work courses to enroll in field placement and subsequently graduate with the B.S.W. degree.

Requirements for the Major in Social Work

Prerequisites (State Mandated Common Prerequisites)

Social Work is a limited access program. Students wishing to transfer to USF may complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

If possible, students enrolled in community colleges should take their college equivalents of common prerequisite courses (P) and cross-cultural provisional course (P*) before entering USF. All courses must be passed with a "C" or better. A grade of "C-" is not acceptable as a passing grade in any of the common prerequisite courses or the cross-cultural course.

SOW 3302 Introduction to Social Work and SOW 3203 American Social Welfare must be taken at USF or another accredited institution and must be completed, earning a grade of "B" or better. A grade of "B-" is not acceptable as a passing grade for either course.

State Mandated Common Prerequisite Courses (P)

A student must successfully complete the following courses, by earning a "C" or better. A grade of "C-" is not acceptable as a passing grade.

One course in each of the following cognate areas

XXXXXXX	American Government (American National Government or American Government)	(3)
XXXXXXX	Biology (Human Biology or Anatomy & Physiology)	(3)
ECOXXXX	Economics (Microeconomics or Macroeconomics)	(3)
XXXXXXX	Introductory Psychology	(3)
XXXXXXX	Introductory Sociology/Social Problems	(3)

At USF, the following courses are recommended to meet this requirement (one course in each area):

American Government

POS 2041	American National Government	(3)
POS 2112	State and Local Government and Politics	(3)
POS 3182	Florida Politics and Government	(3)

Biology

BSC 1005	Principles of Biology for Non-majors	(3)
BSC 2022	Biology of Aging	(3)
BSC 2025	Food: Personal & Global Perspectives	(3)
BSC 2035	Sex and Today's World	(3)
WST 2600	Human Sexual Behavior	(3)

Economics:

ECO 1000	Basic Economics	(3)
----------	-----------------	-----

Psychology:

PSY 2012	Psychological Science I	(3)
----------	-------------------------	-----

Sociology:

SYG 2000	Introduction to Sociology	(3)
SYG 2010	Contemporary Social Problems	(3)
SYD 4800	Gender and Society	(3)
SYO 3530	Poverty, Inequality, and Stratification	(3)
SYP 3000	Social Psychology	(3)
SYP 4510	Sociological Aspects of Deviance	(3)

Foundation Courses (F*) for Social Work Majors (May be completed after transferring to USF).

1. A student must successfully complete by earning a "C" or better **one** of the following cross cultural courses or equivalency. A grade of "C-" is not acceptable as a passing grade

for any of the following courses.

African American Studies:

AFA 2000	Introduction to the Black Experience [In Africa and Its Diaspora]	(3)
AFA 4333	African Diaspora: Blacks in the Construction of the Americas	(3)
AFA 4335	Black Women in America	(3)
AFS 2250	Culture and Society in Africa	(3)
AMS 3700	Racism in American Society	(3)

Anthropology:

ANT 2000	Introduction to Anthropology	(3)
ANT 2410	Cultural Anthropology	(3)
ANT 3005	The Anthropological Perspective	(3)
ANT 4316	Ethnic Diversity in the USA	(3)
ANT 4432	The Individual and Culture	(3)

Sociology:

SYD 3700	Racial and Ethnic Relations	(3)
----------	-----------------------------	-----

Women's Studies:

AMH 3561	American Women I	(4)
AMH 3562	American Women II	(4)
LIT 3383	The Image of Women in Literature	(3)
PUP 4323	Women and Politics	(3)
SOP 3742	Psychology of Women	(3)
WST 3015	Introduction to Women's Studies	(3)
WST 3311	Issues in Feminism	(3)
WST 4262	Literature by American Women of Color	(3)
WST 4410	Third World Women Writers	(3)

2. Both of the following Social Work courses, earning a "B" or better:

SOW 3203	American Social Welfare System	(3)
SOW 3302	Introduction to Social Work	(3)

Social Work Core Courses

1. Human Behavior and Social Environment Courses
SOW 3101 (4) SOW 3102 (4) SOW 4522 (3)
2. Social Welfare: Policy & Program Course
SOW 4233 (4)
3. Social Research Course
SOW 3401 (4)
4. Social Work Practice Courses
SOW 4341 (5) SOW 4343 (5)
5. Field Experience
SOW 4510 (3) SOW 4510L (6)

Summary:

Core Courses	29 hours
Field Experience	9 hours
TOTAL	38 hours

STUDENT LEADERSHIP MINOR

The minor in Leadership Studies consists of a minimum of 18 credit hours with a "B" average (3.0). All students shall complete the first courses in the sequence and select four additional courses from the list of approved courses for the program. The series of courses is designed to help students develop personal and organizational leadership skills. The program is interdisciplinary in nature and should be of significant benefit to students in all areas of study.

The seven courses are designed to give students a practical and theoretical grasp of leadership. The basic assumption is that leadership can be learned and, therefore, taught. This program has a unique approach to leadership education that combines practical theories of leadership and learning to provide opportunities for students to study the nature of authority, leadership, social and role dynamics, political processes and the values that orient their careers. Students learn personal, diagnostic, operational, and tactical skills. In these classes, students are challenged to investigate self, context, and strategy.

214 USF Lakeland

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Required Courses (6 hours):

SLS 2260 Leadership Fundamentals	3
SLS 4272 Survey of Leadership Readings	3

Elective Courses (12 hours):

SLS 3930 Selected Topics in Leadership	1-4
SLS 3948 Community Leadership Practicum	3
SLS 4271 Organizational Theories and Processes	3
SLS 4273 Theories of Leadership	3
SLS 4274 Ethics and Power in Leadership	3
SLS 4276 Images of Leadership in Print and Film	3

USF Sarasota-Manatee

UNIVERSITY OF SOUTH FLORIDA - 2004/2005 UNDERGRADUATE CATALOG

USF Sarasota-Manatee

A Source of Economic Development and Community Pride

USF's Sarasota-Manatee campus is located on the county line about 60 miles south of Tampa. Situated on the beautiful Sarasota Bay and adjacent to the Sarasota-Bradenton Airport, the campus is a convenient and easily accessible location for students coming from the surrounding counties. USF Sarasota-Manatee offers upper division (junior and senior) undergraduate, graduate, and certification programs including the new School of Hotel and Restaurant Management. Full-and part-time students are provided with a flexible schedule of daytime, evening, and weekend classes to accommodate commitments to work, family and community.

USF has always been on the forefront of economic development in Sarasota and Manatee counties. Leading in the production of teachers, nurses, accountants, business people and community leaders, USF Sarasota-Manatee is educating a workforce that is tremendously important in this economy and community.

In 1974, USF began offering evening courses in education, business and liberal arts at some of the public schools in Sarasota and Manatee counties. In less than a year, the USF Sarasota-Manatee campus opened, providing courses for upper-level undergraduates, graduates, and continuing education students. Nearly 30 years later, USF Sarasota-Manatee attracts more than 3,200 students annually to an expanded and growing schedule of offerings that includes 37 degree programs. In recognition of its strategic location, USF decided to locate its School of Hotel and Restaurant Management on this campus.

A defining moment for USF Sarasota-Manatee:

Now offering more degree programs, more scholarships, with more students graduating with honors, and with a retention rate of 92% from fall to spring semester, our students are happy with their experience. Many say the reasons for choosing USF were small class size and convenient close-to-home location. USF has expanded the market to finish degrees here on the Sarasota-Manatee campus, thus more effectively serving the needs of the community.

New programs include the School of Hotel and Restaurant Management, and master's degrees in social work, special education, and criminal justice administration. The first graduates of the MBA program have completed their studies and the MA in educational leadership now meets 100 percent of the local needs for school principals and assistant principals.

New USF Sarasota-Manatee South County classes offered at MCC Venice:

USF Sarasota-Manatee will offer classes at Manatee Community College (MCC) Venice for the first time starting in January 2004, thanks to a grant given by the Gulf Coast Community Foundation of Venice. USF Sarasota-Manatee will offer classes in business, elementary education and interdisciplinary social science to students who will now be able to obtain a bachelor's degree.

List of Majors and Programs: Undergraduate Degrees

College of Arts and Sciences
Criminology
English and American Literature

History
Interdisciplinary Social Sciences
Professional and Technical Writing (English)
Psychology
Social Work

College of Business
Accounting
Finance
General Business Administration
Information Systems and Decision Sciences
Management*
Marketing

College of Education
Early Childhood Education
Elementary Education
Secondary English Education
Secondary Social Science*
Special Education

College of Nursing
RN to BSN Nursing

College of Undergraduate Studies
School of Hotel and Restaurant Management
Hospitality Management
Information Technology
Bachelor of Applied Science with concentrations in:
Business
Criminal Justice
Early Childhood Development
Hospitality Management
Public Administration

Certificate Programs:

Hotel Management
Restaurant Management
Applied Information Technology Management

Graduate Programs

College of Arts and Sciences
Criminal Justice Administration
Library and Information Science
Rehabilitation Counseling
Social Work

College of Business
Masters of Business Administration

College of Education
Adult Education
Educational Leadership
Elementary Education
MAT Elementary Education
Reading Education
Special Education

College of Nursing
MA Nurse Practitioner

Endorsement:

Reading Education

2003-2004 Enrollment

3,290 Students

Average Age (Mean Age-Fall 2004)

Undergraduate: 28
Graduate: 37

**Full-Time vs. Part-Time (Fall 2004)
(Undergraduate)**

49.3 % Full-Time
50.7 % Part-Time

Location

Fastest Growing Area on the Southwest Coast of Florida

Geography Diversity

Students come from Sarasota, Manatee, DeSoto, Charlotte, Lee, southern Hillsborough counties and other surrounding counties.

Points of Pride:

- USF Sarasota-Manatee is producing a trained workforce of teachers, principals, accountants, nurses, and community leaders.
- Partnerships with local business and economic development councils to remain attuned to community needs.
- Partnership with local community colleges to offer 2+2 admissions, making the transition to obtain baccalaureate degrees easier and convenient to home.

ACADEMIC DEGREE PROGRAM REQUIREMENTS

College of Arts and Sciences

• CRIMINOLOGY (CCJ)

The major in Criminology provides students with an in-depth exposure to the total criminal justice system including law enforcement, detention, the judiciary, corrections, juvenile justice and probation and parole. The program concentrates on achieving balance in the above aspects of the system from the perspective of the criminal justice professional, the offender, and society. The program provides a solid background in the theory, issues and methodology comprising Criminology.

The objective of the undergraduate program in Criminology is to develop a sound educational basis either for graduate work or for professional training in one or more of the specialized areas comprising the modern urban criminal justice system.

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

There are no State Mandated Common Prerequisites for this

degree program.

Transfer students should be aware that by university regulation they are obligated to establish academic residency by completing the equivalent of one academic year (30 semester hours) in "on-campus" courses. All undergraduate transfer students electing Criminology as their major will be required, moreover, to take a minimum of 30 credit hours in major coursework at the University of South Florida. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Requirements for the Major in Criminology

A minimum of 36 semester hours is required of all undergraduate majors in Criminology including:

1. Each of the following core courses:
CCJ 3024 (3)* CCJ 3610 (3)*
CCJ 3701 (3)** CCJ 4934 (3)
2. 24 semester hours of electives within the major.

* These are gateway courses and are required for all other coursework in the major or minor; therefore, they need to be taken first.

**Students who plan to continue on to graduate school must also take CCJ 4700 as one of their electives within the major.
NOTE: No more than six (6) hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major. A student may take an unlimited amount of CCJ 4933 or 4934 as long as they vary in topics.

These residence requirements are designed to ensure that transfer students who subsequently receive their baccalaureate degree from the University of South Florida with a major in Criminology will have been exposed to the same body of knowledge in their major as those students who complete all or a major portion of their coursework at the University of South Florida.

Any student who receives a grade of "D" or lower in more than one USF CCJ course will be automatically barred from continuing as a Criminology major.

Requirements for the Minor in Criminology

The Department of Criminology offers a minor in Criminology. The minor consists of:

1. Two required courses:
CCJ 3024 (3) CCJ 3610 (3)
2. The selection of four of the following 3 hour courses for a total of 18 semester hours:
CJL 3110 CCJ 3621
CJE 4114 CJL 4410
CJC 4010 CJE 4010

Students must receive approval from the Department prior to starting their minor work. A minimum of 9 semester hours must be completed at USF. Students minoring in Criminology are subject to the Department's "2 D" Rule.

• ENGLISH (ENG)

Requirements for the Major in English

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements, thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C-" is the minimum acceptable grade.

ENC 1101 Composition I

ENC 1102 Composition II

or

Six semester hours earned in courses taught in the English Department, **EACH** with 6,000 words of evaluated writing for a **TOTAL** of 12,000 words.

Suggested electives:

AMH 2010 American History I 3

AMH 2020 American History II 3

EUH 2021 Medieval History I 3

EUH 2022 Medieval History II 3

Upper-level coursework in the English Major:

The program in English provides three areas of specialization (divided into three degree-options below):

English and American literature - The primary mission of the literature option is to provide a solid foundation in the study of British and American literature. The program also offers courses in other world literatures in translation, cultural studies, feminist and ethnic studies, and both traditional and more recent critical approaches.

Creative writing - The creative writing option includes training in writing fiction and poetry and study of English and American literature.

Professional and technical writing - The professional and technical writing option combines the study of English and American literature with an introduction to writing found in the professional workplace.

The English Education major is described under the section for the College of Education. Major requirements for English majors are listed below. A grade of "D" will not be counted toward fulfilling the major requirements. Grades of "D" or "F" in English courses will, however, be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy. Students may not use more than one Directed Study toward meeting the major requirements. Transfer students must earn at least 15 hours in the major at USF. A 2.5 GPA in the major is required for graduation.

OPTION I: English and American Literature

Twelve courses (36 hours) as follows:

1. Two of the following:

AML 3031 American Literature to 1860

AML 3032 American Literature 1860-1912

AML 3051 American Literature 1912-1945

2. Four of the following:

ENL 3015 British Literature to 1616

ENL 3230 British Literature 1616-1780

ENL 3251 British Literature 1780-1900

ENL 3273 British Literature 1900-1945

ENL 3331 Early Shakespeare or

ENL 3332 Late Shakespeare

3. Five of the following, at least two of which must be from Group A:

Group A

AML 4111 19th Century American Novel

AML 4121 20th Century American Novel

ENL 4122 British Novel through Hardy

ENL 4132 British Novel: Conrad to the present

ENL 4311 Chaucer

ENL 4338 Advanced Studies in Shakespeare

ENL 4341 Milton

LIT 3101 Literature of the Western World Through the Renaissance

LIT 3102 Literature of the Western World Since the Renaissance

Group B

AML 3031 American Literature to 1860

AML 3032 American Literature 1860-1912

AML 3051 American Literature 1912-1945

AML 3604 African-American Literature

AML 4261 Literature of the South

AML 4330 Selected American Authors

ENG 4060 History of the English Language

ENL 3015 British Literature to 1616

ENL 3230 British Literature 1616-1780

ENL 3251 British Literature 1780-1900

ENL 3273 British Literature 1900-1945

ENL 3331 Early Shakespeare

ENL 3332 Late Shakespeare

ENL 4303 Selected British Authors

LIN 4671 Traditional English Grammar

LIN 4680 Structure of American English

LIT 3022 Modern Short Novel

LIT 3043 Modern Drama

LIT 3073 Contemporary Literature

LIT 3144 Modern European Novel

LIT 3374 Bible as Literature

LIT 3410 Religious and Existential Themes

LIT 3700 Survey of Poetry

LIT 4930 Selected Topics in English Studies

4. ENG 4013 Literary Criticism (Required for Literature majors)

OPTION II: Professional and Technical Writing

This 36-hour program allows undergraduates to concentrate their studies in professional writing, wherein they will master special writing skills demanded by industry, business, government, and the professions. The English Department may arrange semester-long internships with local businesses, industries, and professional organizations. Interns will earn three credit hours and, in some cases, receive compensation from their employers for their duties.

Students choosing this concentration will also assure themselves of a core of liberal arts studies since they must take 21 credit hours of literature courses in addition to 15 hours of composition courses.

1. *Composition requirements:*

Five of the following:

CRW 2100 Narration and Description

ENC 2210 Technical Writing

ENC 3213 Professional Writing

ENC 3310 Expository Writing

ENC 4260 Advanced Technical Writing

ENC 4311 Advanced Composition

ENC 4931 Selected Topics in Professional and Technical Writing

2. *Literature requirements:*

The student must select seven literature courses from those listed in OPTION I. Two courses must be from Group 1, four courses from Group 2, and one course from Group 3 and/or Group 4.

Requirements for the Minor in English English and American Literature Minor (15 hours)

1. *One of the following:*

AML 3031 American Literature to 1860

AML 3032 American Literature 1860-1912

AML 3051 American Literature 1912-1945

2. *Two of the following:*

ENL 3015 British Literature to 1616

ENL 3230 British Literature 1616-1780

ENL 3251 British Literature 1780-1900

ENL 3273 British Literature 1900-1945

ENL 3331 Early Shakespeare

ENL 3332 Late Shakespeare

3. One course at the 4000 level listed in major OPTION I
4. One additional 3000- or 4000-level course accepted for the major with AML, CRW, ENC, ENG, ENL, LIN, or LIT prefix.

Professional and Technical Writing Minor (15 hours)

1. ENC 2210 Technical Writing
ENC 4260 Advanced Technical Writing
Any two of the following courses:
CRW 2100 Narration & Description
ENC 3213 Professional Writing
ENC 3310 Expository Writing
ENC 4311 Advanced Composition
ENC 4931 Selected Topics in Professional and Technical Writing
2. One AML or ENL course listed in OPTION I

• HISTORY (HTY)

The discipline of history embraces a diverse world of ideas, peoples, and events. Our faculty seeks to inform and question, to provoke and to challenge our students to a higher level of understanding of the past. History at South Florida offers the student an opportunity to explore civilizations from around the globe and from the ancient through contemporary eras. We encourage our students to move beyond traditional memorization of material to a critical level of thinking, analysis, and synthesis. Accomplished history majors are attractive to all kinds of employers in any number of fields, as well as to graduate and professional schools. USF history alumni can be found in such diverse professions as law, medicine, business, government, foreign service, politics, and education.

Requirements for the Major in History

A minimum of 36 semester hours is required for a major in history. A minimum grade of "C" or better must be attained in each course counted toward the 36-hour requirement. However, grades of "D" or "F" in history coursework will be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. If students transfer with fewer than 60 semester hours of acceptable credit, they must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students at a community college planning to transfer to USF and major in history are encouraged to complete as many of the lower level requirements as possible at the community college level. Courses that fulfill the General Education/Gordon Rule requirement would be especially valuable. The minimum acceptable grade for courses being transferred for history department credit is a "C." If these courses have not been completed satisfactorily upon enrolling at USF, they must be taken before the degree is granted.

Lower-level Course Requirements for the Major

A minimum of 12 hours of 2000 level courses, or their equivalent, constitute the lower level requirements. Two of these courses must be sequential. Students may choose from introductory courses in the fields of Ancient, Medieval, Modern European, or American history to fulfill this two-course sequence. The remaining hourly requirements may be filled by taking any of the other 2000 level history courses.

Upper-level Course Requirements for the Major

A minimum of 24 hours of course work from the 3000-4000 level is required to fulfill the 36-hour minimum requirement. Two of these courses, the Pro-Seminar and the Theory of History courses are required for all majors. These courses

may only be taken in the last two semesters prior to graduation and may not be taken during the same semester. The remaining 16 hours of credit may be chosen from the department offerings each semester. It is recommended that history majors take ENC 3310, "Expository Writing," SPC 2600, "Public Speaking," and LIS 2937, "Library/Internet Research Skills." Additional hours can be profitably drawn from the following disciplines: Africana Studies, American Studies, Anthropology, Classics, Economics, Geography, Government and International Affairs, Psychology, Philosophy, Religious Studies, Sociology, Women's Studies, Literature, the Humanities, and the Fine Arts. Majors intending to pursue graduate work should take a minimum of two years of classical or modern foreign language.

Open University courses and exit courses titled "Issues in History" (HIS 3938) and "War and Society" (HIS 3308) are not eligible for major field credit.

Requirements for the Minor

The minor in History entails a 18-hour program organized and contracted by the student and the department around the specific needs of the student's major program. A minimum of 8 hours must be completed at the University of South Florida and the student must maintain a 2.0 GPA in the minor. A minimum grade of "C" or better must be attained in each course. One lower-level sequence is required, earning 6 credit hours. The department will supervise certification of the minor. Students interested in a minor in history are encouraged to see the History department advisor as early in their undergraduate program as possible.

Open University courses and exit courses titled "Issues in History" (HIS 3938) and "War and Society" (HIS 3308) are not eligible for minor field credit.

• INTERDISCIPLINARY SOCIAL SCIENCES (ISS)

The ISS program is designed to provide an interdisciplinary integration of the social sciences for students who are interested in a broad educational experience. ISS offers a wide choice of courses, and an opportunity to design a quality program geared toward individual needs and interests. Students plan their program in ongoing consultation with the advisor who approves each individual curriculum contract.

Specific requirements for a B.A. degree in Interdisciplinary Social Sciences (ISS) are outlined below:

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for the ISS degree program.

Some of the following courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses, could count toward the ISS degree. A grade of "C" is the minimum acceptable grade.

- | | |
|---|-----|
| AFA 2000 Introduction to the Black Experience
[In Africa and Its Diaspora] | (3) |
| AMH 2010 American History I | (3) |
| or | |
| AMH 2020 American History II | (3) |
| ANT 2000 Introduction to Anthropology | (3) |

ECO 2013 Economic Principles (Macroeconomics)	(3)
ECO 2023 Economic Principles (Microeconomics)	(3)
GEA 2000 World Regional Geography	(4)
POS 2041 American National Government	(3)
or	
POS 2112 State and Local Government	(3)
SYG 2000 Introduction to Sociology	(3)
WST X015 Introduction to Women's Studies	(3)

Interdisciplinary Core Courses

Two of these courses, an introductory course (3010) and the senior seminar (4935), introduce and employ the interdisciplinary social science perspective. These courses involve students in the study of human life and experience; the various concepts, theories and methods used in the social sciences; and apply them to contemporary issues and questions. Social Science Statistics is the third core course required for majors in Interdisciplinary Social Sciences.

Coursework required for Interdisciplinary Social Sciences Majors

- Required core courses for the major are:

ISS 3010 Introduction to Social Sciences	(3)
ISS 4935 Seminar in the Social Sciences -MW	(3)
STA 2122 Social Sciences Statistics -6A QM	(3)
- The ISS student chooses between two cognate areas and completes twelve hours in each. In addition, three special electives emphasize cultural diversity.
- Students should work out a program of study at the onset of their junior year, particularly before too many courses are completed in the College of Arts and Sciences. **No student should assume that courses already completed will automatically count toward the ISS degree.**
- The completion of 42 approved hours of course work from the College of Arts and Sciences (CAS), with a minimum of 30 hours at the 3000 or above level.
- Students must maintain a minimum grade point average of 2.0 in ISS to graduate.
- ISS majors must satisfy two semesters of a foreign language in order to graduate.
- Other personal curricula may be tailored for those highly motivated students, with a minimum grade point average of 3.2, developed with the approval of the advisor. This course of study will be directed toward the special educational interests of these students. An in-depth Honors Research Paper will be required of students taking this option.

No transfer courses with grades of "D" are acceptable for credit in the ISS major.

COGNATE AREAS - Students select two areas and take 12 hours in each. Cognates must be selected from the areas of study listed below:

Africana Studies, American Studies, Anthropology, Communication Sciences and Disorders, Criminology, Economics, Environmental Science and Policy, Gerontology, Geography, History, Humanities, International Studies, Interpreter Training, Latin American Studies, Library and Information Science, Multidisciplinary Behavioral Sciences, Political Science, Psychology, Public Administration, Religious Studies, Social Work, Sociology, and Woman's Studies.

• PSYCHOLOGY (PSY)

Psychology involves the scientific study of behavior and mental processes. Because of this focus, psychology is relevant to many other areas of study both inside and outside of the social and behavioral sciences. The undergraduate program in Psychology offers the student a well-rounded liberal arts education. In addition, the program provides excellent

training for qualified students who wish to pursue graduate work in such disciplines as Clinical, Cognitive and Neural Sciences or Industrial Psychology, Education, Gerontology, Counseling, Management, Medicine, Law, and other human service programs. The undergraduate major emphasizes the breadth of psychology while allowing the student some electives to pursue in depth a particular aspect of the field. Interested undergraduate majors may apply for admission to a concentration in Applied Behavioral Analysis, or to the Honors Program. The graduate faculty of the Psychology Department are divided into three broad program areas: Clinical, Cognitive and Neural Sciences, and Industrial/Organizational. Each of these program areas offers Ph.D.-level training as well as instruction at the undergraduate level.

Requirements for the Major in Psychology

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

PSY X012 Introduction to Psychology **and** any other lower level Psychology course within the Psychology inventory
 STAXXXX Any level Statistics course (X000 - X099)
 BSCXXXX Any level General Biology course (**or** BSC X200-X209, **or** ZOO X010)

Majors must complete at least 34 semester hours in the field. A minimum grade of "C-" or better must be attained in each course in the major, except for PSY 3204 (or other qualifying statistics course) and PSY 3213, where a C or better is required. Although a C- is allowable for individual courses, a major GPA of 2.0 minimum is required for graduation. All majors must complete:

Requirements for Psychology Majors

- 2000/3000 Level Requirement (6 semester hours)
 - PSY 2012 Psychological Science I (if not already taken at a community college)
 - PSY 3204 Psychological Statistics
- Methods Course Requirement (7 semester hours)
 - PSY 3213 Research Methods
 - and one of the following:
 - CLP 4433 Tests and Measures
 - PSY 4205 Experimental Design and Analysis
 - or another methods course approved by the undergraduate advisor in Psychology.
- 4000 Level Requirement (21 semester hours)

Courses in categories 1 and 2 must be completed before any 4000 level courses are attempted. Successful completion of 7 additional Psychology courses numbered at the 4000 level selected as follows: At least two courses from each of the two groups below:

Group 1

EXP 4204C Perception
 EXP 4404 Psychology of Learning
 PSB 4013C Physiological Psychology
 EXP 4304 Motivation

EXP 4523C Cognitive Psychology
Group II
 CLP 4143 Abnormal Psychology
 INP 4004 Industrial Psychology
 SOP 4004 Social Psychology
 DEP 4005 Developmental Psychology
 PPE 4004 Personality

and any 3 additional courses numbered at the 4000 level.

Note: No more than a total of 3 hours of the following courses may count toward the major:

PSY 4913 Directed Study

PSY 4970 Honors Thesis.

PSY 4932 may not count toward the major. Nor may EAB 4715 (Supervised Practicum) count towards the major for those in the Applied Behavior Analysis program.

Statistics and Biological Science are required. Otherwise, students majoring in psychology are encouraged to complete a varied undergraduate program.

A prerequisite for all 4000-level courses is a grade of "C" or better in both PSY 3204 (or other qualifying statistics course) and PSY 3213, not "C-". For students minoring in Psychology, a grade of "C" or better in any college-level statistics course will substitute for the PSY 3213.

For students majoring in Interdisciplinary Social Sciences, any college-level statistics course with a grade of "C" or better may serve as prerequisite for 4000 level courses in Psychology but does not substitute for the PSY 3213 requirement.

Requirements for the Minor in Psychology

A minor in Psychology consists of a minimum of 15 credit hours, comprising PSY 2012, and any four 4000-level psychology courses except PSY 4913. Students minoring in Psychology must also obtain a "C" or better in any college level statistics course in lieu of PSY 3213, or must complete PSY 3213 with a "C" or better. A GPA of 2.0 or better in the minor is required for certification. The purpose of the minor is to help students majoring in other disciplines to obtain an appropriate psychology background that will complement their work in their major. See the Psychology Department Undergraduate Advisor for suggested minor programs for students majoring in various fields.

• SOCIAL WORK (SOK)

The University of South Florida offers a program leading to a Bachelor of Social Work (B.S.W.) degree in the School of Social Work, College of Arts and Sciences. This program has been developed in accordance with the guidelines set forth by the Council on Social Work Education, the national accrediting body for social work education programs, and in accordance with the recommendations of the National Association of Social Workers. The B.S.W. program is fully accredited by the Council on Social Work Education. The primary objective of the B.S.W. program is the preparation of the graduate for beginning level professional practice as a social work generalist.

The secondary objectives of the B.S.W. program are to

1. Provide for the social work human resources needs of the university service district (the central Florida west coast area), the State of Florida, and the Southeast Region;
2. Prepare graduates for additional professional training at the graduate level in social work or in related human service professions;
3. Provide an exposure to social work as a profession and to contemporary issues in the social welfare field.

In preparing the B.S.W. graduate for beginning professional practice, the curriculum provides the student with an opportunity to develop a knowledge base and skill base as a "generalist" practitioner. The student will develop an understanding of various methods of intervention and skills in their application to a variety of client systems. For example, interventive methods may take the form of individual and group counseling, resource

development, consultation, teaching, advocacy, etc. Client systems may be individuals, families, groups, organizations, or communities. The student will develop an understanding of the dynamics of human behavior in individual, group and organizational contexts and the influences of the sociocultural environment upon those behaviors. The student will learn about the development of social welfare systems and institutions and the social, economic, and political processes affecting policy development and program implementation. The student will develop an understanding of the utilization of basic social research skills particularly related to the processes of problem-solving, planning, and evaluation.

The student will also become aware of the value base of the profession and engage in a self-examination process as it relates to the development and reflection of ethical and effective professional practice. The B.S.W. program, as any professional program, places great emphasis on the development of a professionally responsible graduate in terms of one's obligations to the client system served, the profession itself, the organization in which one works, and to the general public which ultimately provides any profession with legitimacy.

Enrollment in the B.S.W. program is limited. Students may apply for admission to the School for the B.S.W. program during enrollment in either SOW 3302 or SOW 3203.

However, the completion of the prerequisites does not guarantee the student's admission to the program. Limited state funding places constraints on the size of the social work faculty and in order to maintain a high quality of instruction, it is necessary to achieve an appropriate faculty-student ratio. This means that it may be necessary to deny full admission to the B.S.W. program solely on the basis of no available space. Any student applying for full admission to the program should be aware of this possibility.

A student must maintain a GPA of 2.75 minimum in social work courses while enrolled in the program and demonstrate behaviors that are congruent with professional standards and values as described above in order to proceed in the major. Any student who fails to maintain at least a 2.75 GPA in the social work major and/or demonstrates behaviors that are incongruent with the standards and values of the profession may not proceed in the major.

A social work major receiving a grade of less than "C" in a core course will be required to repeat the course. A grade of "C-" is not considered acceptable and a student receiving a "C-" in a core course must repeat the course. Furthermore, no student will be allowed to enter field placement with a "C-" grade or below in any SOW core courses, even if the student's GPA is 2.75 or above with the inclusion of the a "C-" grade of below.

Admission to the B.S.W. program is a three stage process, i.e., common prerequisites, provisional courses, and core curriculum. Any student who holds a minimum of sophomore standing and is completing common prerequisite work in political science, biology, economics, psychology and sociology (see specific requirements below) may declare a social work major. At this stage, students may file a declaration of major form with the College of Arts and Sciences, Office of Graduate and Undergraduate Studies. All majors will be assigned to an advisor within the School who will assist the student in selecting courses. Many students will have already taken most of the common prerequisite courses as part of general education at USF or in their course of study at a community college. After completion, a student will be ready for courses in the provisional social work major, a final step in applying for full admission to the B.S.W. program as a full major. It is necessary to be admitted as a full major before taking core social work courses.

Admission requirements for the social work full major are as follows:

1. A student must have completed a minimum of one semester as a provisional social work major.
2. A student must have completed required common prerequisites and provisional courses (see listing).
3. A student must complete an application for full admission

and file it with the School of Social Work before the beginning of the semester in which admission is sought; dates will be announced in provisional courses.

4. A student may be asked to complete an admission interview with a favorable action from the Undergraduate Committee.
5. A student must achieve a grade of "B" or better in SOW 3302, "Introduction to Social Work" and SOW 3203, "The American Social Welfare System," to be considered for full admission. A grade of "B-" is not acceptable in either "Introduction to Social Work" or "American Social Welfare."
6. A student must have successfully completed CLAST. A student must achieve a GPA of 2.75 in all Social Work courses to enroll in field placement and subsequently graduate with the B.S.W. degree.

Requirements for the Major in Social Work

Prerequisites (State Mandated Common Prerequisites)

Social Work is a limited access program. Students wishing to transfer to USF may complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

If possible, students enrolled in community colleges should take their college equivalents of common prerequisite courses (P) and cross-cultural provisional course (P*) before entering USF. All courses must be passed with a "C" or better. A grade of "C-" is not acceptable as a passing grade in any of the common prerequisite courses or the cross-cultural course.

SOW 3302 Introduction to Social Work and SOW 3203 American Social Welfare must be taken at USF or another accredited institution and must be completed, earning a grade of "B" or better. A grade of "B-" is not acceptable as a passing grade for either course.

State Mandated Common Prerequisite Courses (P)

A student must successfully complete the following courses, by earning a "C" or better. A grade of "C-" is not acceptable as a passing grade.

One course in each of the following cognate areas

XXXXXXX	American Government (American National Government or American Government)	(3)
XXXXXXX	Biology (Human Biology or Anatomy & Physiology)	(3)
ECOXXXX	Economics (Microeconomics or Macroeconomics)	(3)
XXXXXXX	Introductory Psychology	(3)
XXXXXXX	Introductory Sociology/Social Problems	(3)

At USF, the following courses are recommended to meet this requirement (one course in each area):

<i>American Government</i>		
POS 2041	American National Government	(3)
POS 2112	State and Local Government and Politics	(3)
POS 3182	Florida Politics and Government	(3)
<i>Biology</i>		
BSC 1005	Principles of Biology for Non-majors	(3)
BSC 2022	Biology of Aging	(3)
BSC 2025	Food: Personal & Global Perspectives	(3)
BSC 2035	Sex and Today's World	(3)
WST 2600	Human Sexual Behavior	(3)
<i>Economics:</i>		
ECO 1000	Basic Economics	(3)
<i>Psychology:</i>		
PSY 2012	Psychological Science I	(3)

Sociology:

SYG 2000	Introduction to Sociology	(3)
SYG 2010	Contemporary Social Problems	(3)
SYD 4800	Gender and Society	(3)
SYO 3530	Poverty, Inequality, and Stratification	(3)
SYP 3000	Social Psychology	(3)
SYP 4510	Sociological Aspects of Deviance	(3)

Foundation Courses (F*) for Social Work Majors (May be completed after transferring to USF).

1. A student must successfully complete by earning a "C" or better **one** of the following cross cultural courses or equivalency. A grade of "C-" is not acceptable as a passing grade for any of the following courses.

African American Studies:

AFA 2000	Introduction to the Black Experience [In Africa and Its Diaspora]	(3)
AFA 4333	African Diaspora: Blacks in the Construction of the Americas	(3)
AFA 4335	Black Women in America	(3)
AFS 2250	Culture and Society in Africa	(3)
AMS 3700	Racism in American Society	(3)

Anthropology:

ANT 2000	Introduction to Anthropology	(3)
ANT 2410	Cultural Anthropology	(3)
ANT 3005	The Anthropological Perspective	(3)
ANT 4316	Ethnic Diversity in the USA	(3)
ANT 4432	The Individual and Culture	(3)

Sociology:

SYD 3700	Racial and Ethnic Relations	(3)
----------	-----------------------------	-----

Women's Studies:

AMH 3561	American Women I	(4)
AMH 3562	American Women II	(4)
LIT 3383	The Image of Women in Literature	(3)
PUP 4323	Women and Politics	(3)
SOP 3742	Psychology of Women	(3)
WST 3015	Introduction to Women's Studies	(3)
WST 3311	Issues in Feminism	(3)
WST 4262	Literature by American Women of Color	(3)
WST 4410	Third World Women Writers	(3)

2. Both of the following Social Work courses, earning a "B" or better:

SOW 3203	American Social Welfare System	(3)
SOW 3302	Introduction to Social Work	(3)

Social Work Core Courses

1. Human Behavior and Social Environment Courses
SOW 3101 (4) SOW 3102 (4) SOW 4522 (3)
2. Social Welfare: Policy & Program Course
SOW 4233 (4)
3. Social Research Course
SOW 3401 (4)
4. Social Work Practice Courses
SOW 4341 (5) SOW 4343 (5)
5. Field Experience
SOW 4510 (3) SOW 4510L (6)

Summary:

Core Courses	29 hours
Field Experience	9 hours
TOTAL	38 hours

College of Business Administration

Undergraduate Admission to the College

Admission to the College of Business Administration is based upon availability of faculty and space within each discipline. The College is an upper-level, limited access college, which means that it has admission requirements **in addition** to those of the University in general. Students interested in

pursuing a degree in the areas offered by the College of Business must complete the required prerequisites for entering the college in addition to other related criteria listed in 1-4 below.

Requirements for Entering the College of Business

1. Before declaring a major in the College, students must satisfy the following criteria:
 - a. Minimum of 60 semester hours of college credit earned.
 - b. Minimum of 2.5 cumulative grade point average on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal.
 - c. Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C or higher:
 - ACG X021 Financial Accounting
 - (or ACG X001 & ACG X011)
 - ACG X071 Managerial Accounting
 - (Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the College of Business Administration)
 - CGS X100 Computers in Business
 - (or acceptable substitute)
 - ECO X013 Principles of Macroeconomics
 - ECO X023 Principles of Microeconomics
 - MAC X233 Elementary Calculus or MAC 2230
 - STA X023 Introductory Statistics or QMB X100
 - d. In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively.
2. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business (listed below) except GEB 4890, provided they have completed 60 semester hours and have met course prerequisites.
3. A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.
4. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

Transfer Students

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

Florida public junior/community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at the junior/community college. As a rule, AA students should avoid taking any business courses at the junior/community college that are listed as 3000 and 4000 level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration and economics courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration or economics. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of written examinations prepared and administered by the College of Business Administration or by successfully completing specified advanced courses in the discipline.

Florida public junior/community college students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the College of Business and prepare a program plan for degree completion. Students transferring to the College of Business with an A.S. in Business Administration may earn a major in General Business Administration only.

Florida public junior/community college students pursuing an Associate of Science (AS) program in any other discipline

should contact the Director of the BSAS program in the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

BACCALAUREATE LEVEL DEGREE PROGRAMS

General Requirements for B.A./B.S. Degree in Business Administration

Students must satisfactorily complete a minimum of 120 semester hours. Of the minimum 120, at least 60 hours must be business courses, and a minimum of 54 hours must be non-business courses (i.e., all courses not normally offered in the College of Business Administration). Additional electives may be required to reach a minimum of 120 hours and can be either business or non-business.

As a part of the 120-hour requirements for the B.A. or B.S. degree, the following criteria also apply:

GPA: A minimum grade-point average of 2.0 must be achieved in the major and/or minor field, as well as in all College work and in all USF work, for students to be certified for graduation.

CLAST and Gordon Rule: Students must have satisfactorily completed CLAST and the writing and computation course requirements of 6A-10.30 ("Gordon Rule").

Foreign Language: For a Bachelor of Arts degree, students must demonstrate competency in a foreign language (refer to the Academic Policies and Procedures section of this catalog). The College of Business does not approve American Sign Language for the Foreign Language Exit Requirement.

Residency: College of Business Administration residency requirements for graduation exceed the minimum requirements established for USF. Students are required to complete satisfactorily at USF a minimum of 50 percent (30-33 semester hours depending on major) of required business courses, including 12-18 semester hours in the major field. Normally, independent study and independent research courses do not fulfill this requirement.

International Course Requirement: All business students are required to select at least one course that deals with contemporary international topics. This course can be included in the business, non-business, or elective category. Consult with a business advisor for suggestions on acceptable courses.

No S/U courses in major or minor: All courses in the major or minor field and all foundation coursework in business must be taken on a graded basis; the S/U option is not available.

Degree Requirements

NON-BUSINESS (54 hrs. minimum)	Semester Hours
1. General Education Requirements*	
a. English Composition	6
b. Quantitative Methods (Calculus is required)	6
c. Natural Sciences	6
d. Social Sciences	6
e. Historical Perspectives	6
f. Fine Arts	3
g. African, Latin American, Middle Eastern, or Asian Perspectives	3
Total	36
2. Liberal Arts Exit Requirements*	
a. Major Works and Major Issues	6
b. Literature and Writing	3
Total	9
*See Liberal Arts Requirements for more details	
3. Speech/Writing Requirements for Business Majors	
a. SPC 2600 Public Speaking	3
or	
COM 3110 Communication for Business and	

the Professions	
b. ENC 3213 Professional Writing	3
or	
ENC 3310 Expository Writing or equivalent	
Total	6
4. Additional elective credits	
Students may or may not need to take additional hours to meet the minimum of 54 non-business credits (see "Electives" heading below for a suggested course)	
Total non-business credit hours	54
BUSINESS (60-69 hrs. minimum)	
1. Foundation Courses in Business	
Required - a minimum grade of C- in each foundation course with an overall 2.0 GPA	
ACG 2021 Principles of Financial Accounting	3
ACG 2071 Principles of Managerial Accounting	3
ECO 2013 Economic Principles: Macroeconomics	3
ECO 2023 Economic Principles: Microeconomics	3
QMB 2100 Business & Economic Statistics I	3
BUL 3320 Law and Business I	3
FIN 3403 Principles of Finance	3
ISM 3011 Information Systems in Organizations	3
QMB 3200 Business & Economic Statistics II	3
MAN 3025 Principles of Management	3
MAR 3023 Basic Marketing	3
GEB 4890 Strategic Mgmt/Decision Making	3
Total	36
2. Major Requirements (specific courses for each major are listed in the "Departments and Programs" section below.)	18-27
3. Business Electives (sufficient electives to meet 60 credit hour minimum in Business)	0-6
Minimum Business Credits	60-66

ELECTIVES IN BUSINESS OR NON-BUSINESS

Sufficient elective courses to reach a minimum of 120 hours (ranges from 0-6 credit hours if above requirements are met)
Minimum total hours 120

USF Campuses and Teaching Sites

Due to limited enrollment and faculty, only the following majors are regularly offered at the regional campuses:

St. Petersburg: Accounting, Economics, Finance, General Business Administration, Management, Management Information Systems, and Marketing

Sarasota: Accounting and General Business Administration

Lakeland: General Business Administration

North Pinellas Teaching Site (at St. Petersburg College, Clearwater): offers the General Business Administration program.

Students may need to travel from one USF campus to another in order to finish their particular program within a shorter time period.

Student Advising and Records

The Office of Undergraduate Advising and Programs (located in Ferguson Hall, BSN 1406) provides the following:

1. Orientation for Bulls Business Network and transfer students.
2. Academic advising and program information for:
 - a. pre-business students with 30 or more hours who have applied to the COBA and declared business as their intended major.
 - b. students who meet all COBA admission requirements.
3. Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
4. Maintenance of academic advising records for the Tampa, Lakeland and Sarasota campuses for all declared and admitted business students.

5. Certification of graduation.**Advising Offices**

Tampa Campus: Students who have fewer than 30 credit hours should contact the Center for Academic Advising, SVC 2011, (813) 974-2645. Potential majors with more than 30 credit hours should visit BSN 1406, (813) 974-4290 or schedule an advising appointment on-line: <http://www.coba.usf.edu/services/ugrad/index.html>.

St. Petersburg Campus: DAV 134, (727) 553-1511

Sarasota Campus: USS 805D, (941) 359-4331/4330

Lakeland Campus: LLC 2100, (863) 667-7063

Office Hours

Tampa Campus: 8am-6pm Monday-Thursday.

8am-4pm on Fridays.

St. Pete Campus: 8am-6pm Monday-Thursday.

8am-5pm on Fridays.

Sarasota Campus: 8am-6pm Monday-Thursday.

8am-5pm on Fridays.

Lakeland Campus: 9am-6pm Monday-Thursday.

8am-5pm on Fridays.

While the University provides advising services to assist students with academic planning, **the responsibility for ensuring that all graduation requirements are met ultimately rests solely with the student.**

Academic Dismissal

Students who have been dismissed twice from the University for academic reasons will not be readmitted to the College of Business Administration.

DEPARTMENTS AND PROGRAMS

- **GENERAL BUSINESS (GBA)**

The General Business major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hours program as listed in the General Requirement section, students must complete two minors from the following business disciplines: accounting, economics, finance, management, management information systems, or marketing. A minimum of 24 hours of upper-level course work must be earned with a GPA of at least 2.0 in each minor. The requirements for each minor are listed with the description of the major.* Minors applied to the General Business major will be referred to as concentrations. Concentrations used as part of the General Business Major will not also be subsequently listed as independent minors on the transcript.

***One exception:** A minor/concentration in economics must consist of four upper level economics courses, excluding QMB 3200.

Requirements for a Minor in Business Administration (Non-Business Majors Only): Students are required to process an application for the minor in the College of Business. Students must complete an introductory computer course (with a content similar to CGS 2100 Computers in Business) or obtain a waiver for this requirement from the College of Business Administration by demonstrating competence in the use of computers.

1. The course requirements are as follows:

ACG 3074	Managerial Accounting for Non-Business Majors*	3
ECO 1000	Basic Economics**	3
FIN 3403	Principles of Finance	3
MAN 3025	Principles of Management	3
MAN 4XXX	Managerial Applications (see advisor)	3
MKT 3023	Basic Marketing	3

- Total 18
- A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
 - At least 12 hours of the required 18 credit hours must be taken in residence at USF.

*ACG 2021 & ACG 2071 can be substituted for ACG 3074.

**ECO 2013 & ECO 2023 can be substituted for ECO 1000.

• ACCOUNTING (ACC)

The objective of the baccalaureate degree program in accountancy is to provide students with accounting and business knowledge that will serve as a basis for careers in industry, government, non-profit organizations and public accountancy.

The baccalaureate program also prepares students for entry into the Master of Accountancy (M.Acc.) professional degree program.

The State of Florida, like most states, requires a fifth year of education in order to sit for the CPA examination. Questions concerning the CPA examination should be directed to the faculty of the School of Accountancy.

Requirements for the B.A./B.S. Degree: In addition to the non-business and business foundation courses listed in the General Requirements section, students must complete a minimum of 27 hours of upper-level accounting courses, of which 18 credit hours must be taken in residence at USF.

Required Accounting Courses:

ACG 3103 Intermediate Financial Accounting I	3
ACG 3113 Intermediate Financial Accounting II	3
ACG 3341 Cost Accounting and Control I	3
ACG 3401 Accounting Information Systems	3
ACG 4632 Auditing I	3
TAX 4001 Concepts of Federal Income Taxation	3

Electives (9 hours selected from):

ACG 4123 Intermediate Financial Accounting III	3
ACG 4351 Cost Accounting and Control II	3
ACG 4642 Auditing II	3
ACG 4931 Selected Topics	3
ACG 5201 Advanced Financial Accounting	3
ACG 5501 Governmental/Not-for-Profit Accounting	3
ACG 5675 Internal and Operational Auditing	3
TAX 5015 Federal Taxation of Business Entities	3

Total 27

The student's program must also include course work taken in behavioral sciences and humanities, such as psychology, anthropology, and sociology, and the political environment of business and society, such as political science, public administration, and ethics. College of Business Administration advisors will recommend courses that will satisfy the program requirements.

Accounting majors can use the forgiveness policy only once in upper-level accounting courses. Accounting courses taken by accounting majors on an S/U basis will not be counted toward the 120-hour graduation requirement. Independent Research, ACG 4911, will not be accepted as credit toward the minimum degree requirements in the accounting concentration.

Accounting majors must earn a "C" (not C-) grade in each of the sequential upper-level accounting courses before being allowed to go on to the next course: i.e., ACG 3103, ACG 3113, ACG 3341, ACG 4632, and TAX 4001.

Requirements for a Minor in Accounting (for Business Majors Only): Students majoring in Business Administration may minor in Accounting. The requirements are:

- ACG 3103 Intermediate Financial Accounting I 3
ACG 3341 Cost Accounting and Control I 3
ACG 3401 Accounting Information Systems 3
TAX 4001 Concepts of Federal Income Taxation 3
- A grade of "C" (not C-) or better must be earned in each of

- the four upper-level accounting courses taken. All attempts will be included unless grade forgiveness has been used. Only one grade forgiveness may be used in the minor.
- All 12 credit hours must be taken in residence at USF.

• FINANCE (FIN)

The Finance major provides a broad-based, analytical program for students anticipating a career in the management of both large and small organizations. Finance provides a good background for students seeking general careers in business. Finance majors can elect to follow tracks that prepare them for entry and advanced careers in

- financial management of corporations
- management of financial institutions
- investments
- financial services, insurance, and real estate.

In addition, the program in Finance is designed to provide the skills required by students earning degrees in other business disciplines and by students who seek professional degrees in areas such as law and public administration.

The Finance program offers applied and theoretical courses that enable the graduate to identify and solve problems in the public and private sectors in domestic and international settings. It provides the background necessary for managing wealth in a risky environment. Finance relies on an interdisciplinary approach that draws on economic theory, accounting, information systems, and the quantitative decision frameworks of statistics and mathematics.

The major is designed to ensure that graduates are familiar with the tools of financial decision-making and that they possess the skills to stay abreast of the developments in the field. Finance graduates will understand the functions and operations of financial markets, become familiar with computer applications in finance, and know how to access and utilize financial information. Course content is designed to provide majors with an appreciation of cooperative work skills and to enhance their verbal and written communication skills.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours of upper-level finance courses beyond FIN 3403. At least 12 hours must be taken in residence at USF.

Required Finance Courses:

FIN 4303 Financial Institutions and Markets	3
FIN 4414 Advanced Corporation Finance	3
FIN 4504 Principles of Investments	3
Additional upper-level Finance electives	9-15
Total	18-24

Finance electives can be selected from among those 3000 and 4000 level classes that have FIN, REE, and RMI prefixes. At least two electives must have an FIN prefix. Independent Study (FIN 4905) and Independent Research (FIN 4915) will not be accepted as credit toward the minimum degree requirements for a major in Finance. The courses listed below are suggested electives that are relevant for students who might want to pursue careers in the following areas:

Corporate Financial Management

FIN 3604 International Finance
FIN 4412 Working Capital Management
FIN 4443 Financial Policies and Strategies
FIN 4461 Financial Statements Analysis

Management of Financial Institutions

FIN 3233 Money and Banking
FIN 3604 International Finance
FIN 4324 Bank Management
FIN 4412 Working Capital Management
FIN 4443 Financial Policies and Strategies
FIN 4461 Financial Statement Analysis

Investments

FIN 3604 International Finance

FIN 4461	Financial Statement Analysis
FIN 4514	Advanced Investment Analysis & Management
REE 4303	Real Estate Investment Analysis
Financial Services	
FIN 3604	International Finance
FIN 4514	Advanced Investment Analysis & Management
REE 3043	Real Estate Decision-Making
REE 4303	Real Estate Investment Analysis
RMI 3011	Principles of Insurance

Requirements for a Minor in Finance (for Business Majors only): Students majoring in Business Administration can minor in Finance. The requirements are

1. FIN 4504 Principles of Investments 3
FIN 4303 Financial Institutions and Markets 3
FIN 4414 Advanced Corporation Finance 3
Another upper-level Finance Elective with an
FIN, REE, or RMI prefix 3
Total Finance Hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 of the required 12 credit hours must be taken in residence at USF.

• INFORMATION SYSTEMS AND DECISION SCIENCES (ISM)

The Management Information Systems (MIS) major provides the skills and knowledge necessary for information systems development and support positions in both business and non-business organizations.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a set of 6 required MIS courses and 2 approved MIS electives. MIS majors must earn a "C" or higher (not C-) in the six required MIS courses and must have a 2.0 or higher GPA in the major; they can use grade forgiveness for only one upper-level MIS course. At least 15 hours must be taken in residence at USF.

Required MIS Courses:	
ISM 3232	Business Application Development* 3
ISM 3113	Systems Analysis and Design* 3
ISM 4212	Database Administration 3
ISM 4220	Business Data Communications 3
ISM 4300	Managing Information Resources 3
One of the following:	
ISM 4234	Object Oriented Design and Development (C++) 3
ISM 4141	Web Application Development (Java) 3

Plus Approved MIS Electives** 6
Total Hours Required for B.A./B.S. Degree 24

*ISM 3232 (Business Application Development) must be taken before, or concurrently with, ISM 3113 (Systems Analysis and Design), which is a prerequisite for all other required MIS courses.

**No more than three hours of ISM 4950 can be counted as MIS electives. (ISM 4905 will not count as an MIS elective.)

Requirements for a Minor in MIS (for Business majors only): Students majoring in Business Administration may minor in MIS. The requirements are

1. ISM 3232 Business Application Development 3
ISM 3113 Systems Analysis and Design (PR/CR ISM 3232) 3
ISM 4212 Database Administration 3
Approved MIS Elective 3
Total MIS hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

• MANAGEMENT (MAN)

The undergraduate degree in the Department of Management prepares students for entry level positions in human resource management, general and small business management. It also prepares students for entry into graduate programs, such as the Master of Science in Management and the Master of Business Administration.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete 18 hours of management beyond MAN 3025. At least 12 hours must be taken in residence at USF.

Required Management Courses:	
MAN 3240	Organizational Behavior Analysis 3
Additional upper-level management courses 15-21	
Total	18-24

Requirements for a Minor in Management (for Business Majors Only): Students majoring in Business Administration may minor in Management.

The requirements are:

1. MAN 3240 Organizational Analysis 3
MAN 3301 Human Resource Management 3
MAN 4282 Organizational Assessment 3
MAN 4600 International Management 3
Total Management hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

• MARKETING (MKT)

Marketing is a dynamic field with many dimensions, including product selection and planning, product distribution, pricing and promotion. Marketing poses many challenges and yields generous rewards for those who meet these challenges. Marketing operations are carried out domestically and internationally in virtually all business organizations that offer a product or service. Many marketing concepts are applicable to the operations of non-profit organizations such as governmental, educational, and health care institutions, as well as charitable and political campaigns.

Marketing operations provide the most visible links between the firm or institution and its many publics. Marketing deals with people who are constantly changing in their needs, wants, and desires; and coupled with these changing tastes is a fiercely competitive environment sustained by all the resources of a rapidly evolving technology. These forces lead to much of the challenge and to much of the dynamic nature of marketing.

The Marketing program at USF prepares students for initial entry and management positions in many areas of marketing with a curriculum that is concerned with:

1. Understanding how to attract and retain customers;
2. Having the ability to find and analyze information;
3. Being able to design, collect, and analyze marketing information to be used in managerial decision making;
4. Using electronic and traditional media to create satisfied loyal customers;
5. Having personal communication skills that businesses demand;
6. Being capable of writing a winning marketing plan;
7. Understanding and being able to apply the latest marketing concepts, including marketing automation.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours in marketing beyond MAR 3023. At least 12 hours must be taken in residence at USF.

Required Marketing Courses:

MAR 3823 Marketing Management	3
MAR 3613 Marketing Research	3
MAR 3400 Professional Selling	3
MAR 4333 Electronic/Promotion Management	3
MAR 4824 Marketing Management Problems	3
Additional upper-level marketing courses	3-9
Total	18-24

It is strongly recommended that marketing majors take an internship course as part of their plan of study. It is also recommended that courses in information technology, finance, management, and international business be included in the business electives.

Undergraduate students in the College of Business not majoring in Marketing can greatly enhance their attractiveness to employers by taking a minor in Marketing or taking selected courses from the Marketing curriculum to broaden their backgrounds. Marketing is particularly complementary for College of Business students majoring in Information Systems, Finance, and Management. For non-business majors, Marketing is very complementary with degrees such as communications, liberal arts, and engineering.

Requirements for a Minor in Marketing (for Business Majors Only): The requirements are:

1. MAR 3823 Marketing Management 3
Any 3 upper level Marketing courses with a MAR prefix (excluding MAR 4824) 9
Total Marketing Hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

College of Education

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Admission Requirements for Students Entering Teacher Education Programs

Students who wish to teach in a particular subject area or field should begin preliminary coursework during their first year in college. However, students are not admitted to the College of Education (and into a teacher education program) until they finish the university's liberal arts freshman and sophomore requirements and the state-mandated common prerequisites for education.

Students may apply for entrance into one of the upper-level teacher education programs offered by the College of Education after completing prerequisite courses. All students who plan to teach apply for admission to a teacher education program through the Student Academic Services Office of the College of Education.

Admission to an upper-level teacher education program is contingent upon meeting the following preliminary college requirements:

1. Completion of a College of Education application form.
2. Completion of the University's General Education requirements. (See "Liberal Arts Requirements" section of the catalog.) **Note:** Students should contact an academic advisor in EDU 106 to make certain they are enrolled in courses appropriate to their intended major.
3. Completion of all portions of the CLAST, PRAXIS I, or General Knowledge Test with passing scores. No exemptions or waivers accepted.
4. Although no longer required for admission to the College of Education, students are still encouraged to take the ACT or

SAT. Many existing scholarships still require these scores.

5. Completion of State Mandated Common Prerequisites **Note:** The following prerequisites are required for all education majors. Students should consult their intended majors (listed under "Departments and Programs," below) for a list of other specific course prerequisites and requirements beyond these listed below:

- EDF X005 Introduction to Education 3
- EDG 2701 Teaching Diverse Populations 3
- EME 2040 Introduction to Educational Technology 3
- Nine (9) semester hours in English to include writing, literature, and speech
- Nine (9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory
- Nine (9) semester hours in mathematics to include college algebra or above and geometry
- Twelve (12) semester hours in social sciences to include American history and general psychology
- Six (6) semester hours of courses with an international and/or diversity focus (in addition to EDG 2701). If these courses are taken elsewhere, the institution transferring credit to USF must certify that the course content satisfies the international/diversity focus requirement. Refer to the list below for courses *that satisfy both the General Education and the international and/or diversity course requirements*. (Consult an education advisor in EDU 106 for approved, upper-level courses in Africana Studies, Geography, International Studies, Political Science, and Business Administration that meet the requirement but are not included below.)
- Three (3) semester hours in Philosophy
- Three (3) semester hours in Fine Arts

International/Diversity Courses Credits

- | | | |
|----------|---|---|
| AFA 2000 | Introduction to the Black Experience in Africa and Its Diaspora | 3 |
| AFS 2250 | Culture and Society in Africa | 3 |
| AMH 2010 | American History I | 3 |
| AMH 2020 | American History II | 3 |
| AMS 2030 | Introduction to American Studies | 3 |
| ANT 2000 | Introduction to Anthropology | 3 |
| ANT 2410 | Cultural Anthropology | 3 |
| ARH 2050 | History of Visual Arts I | 3 |
| ARH 2051 | History of Visual Arts II | 3 |
| BSC 2025 | Food: Personal and Global Perspectives | 3 |
| COM 2000 | Introduction to Communication | 3 |
| EGN 2031 | History of Technology | 3 |
| EUH 2011 | Ancient History I | 3 |
| EUH 2021 | Medieval History I | 3 |
| EUH 2022 | Medieval History II | 3 |
| EUH 2030 | Modern European History I | 3 |
| EUH 2031 | Modern European History II | 3 |
| FIL 2001 | Film: Language of Vision | 4 |
| GEO 1930 | Geography of Current Events | 4 |
| GEO 2371 | Introduction to Earth Systems Science | 3 |
| INR 1015 | World Perspective | 3 |
| LAH 2734 | Latin American History in Film | 3 |
| LIT 2010 | Introduction to Fiction | 3 |
| LIT 2040 | Introduction to Drama | 3 |
| MUL 2011 | The Enjoyment of Music | 3 |
| MUH 2051 | Folk and Traditional Music of World Cultures | 3 |
| MUH 2632 | Music in the United States | 3 |
| MUL 2111 | Introduction to Music Literature | 3 |
| POS 2080 | The American Political Tradition | 3 |
| REL 2300 | Introduction to World Religions | 4 |
| REL 2306 | Contemporary World Religions | 4 |
| REL 3501 | History of Christianity | 4 |
| SPT 2524 | Women Writers of Latin America | 3 |
| SYG 2000 | Introduction to Sociology | 3 |
6. Minimum GPA: An overall minimum GPA of 2.50 on all attempted hours.
 7. Additional criteria as may be established by each program.

Credit requirements in each major include courses in the following categories: Professional Education Core, Teaching Specialization Preparation, and Liberal Arts Exit Requirements. For questions concerning General Education and Liberal Arts Exit Requirements, refer to the Liberal Arts Requirements section of the catalog. See specific requirements for each major listed in "Departments and Programs" below.

Some programs accept a limited number of students. Additionally, certain programs admit students only in a specified semester. Students should refer to the specific program descriptions in this catalog for additional admission information and prerequisites. Information regarding admission requirements for programs may also be obtained from the Student Academic Services, College of Education (EDU 106).

Time Limitations

The College of Education may accept professional education and specialization coursework completed at this University or at other accredited institutions as follows:

1. Courses completed within the last five years may be accepted.
2. Courses completed over five years but less than ten years ago must have the approval of the chairperson from the department in which the equivalent course is taught.
3. Courses completed ten years ago or longer will count as elective credit only.

Qualifications for Internship Experience in Teacher Education Programs

The final internship experience involves observing and teaching in an early childhood, elementary, secondary, or exceptional classroom. In most programs internship sites include the entire spectrum of sites available in the various counties served by USF. Other than Senior Seminar and EEX 4070, students may not enroll in additional courses during the semester in which the final internship occurs unless an exemption is granted through a College of Education petition.

Special requirements for enrollment in the final internship and seminar courses are:

1. Admission to the College of Education.
2. Completion of General Education, "Gordon Rule," and all other program prerequisites (includes passing all sections of the General Knowledge Test).
3. Completion of an application for the final internship by the deadline noted. Applications for final internship are made through the Student Academic Services website (www.coedu.usf.edu/sas/). Application deadline for Fall Semester is January 15th. Application deadline for Spring semester is June 15th.
4. Elementary, Early Childhood and Physical Education programs require completion of all professional education and specialization course work except for EEX 4070 and Senior Seminar. Special Education programs require completion of all professional education and specialization coursework. Secondary Education Programs require completion of the professional course sequence except for EEX 4070/EDF 4430 and a minimum of two thirds of the specialization coursework.
5. Elementary, Early Childhood, and Physical Education programs require a combined grade point average of 2.5 in professional education and specialization coursework as well as an overall USF GPA of 2.5. Special Education programs require an overall USF GPA of 2.5. Secondary Education programs require a minimum GPA of 2.5 in professional education and specialization coursework or an overall USF GPA of 2.5.
6. Students must earn a minimum "C-" grade or "S" in their required major courses.

College Requirements for Graduation

from Teacher Education Programs

1. To be certified by the College of Education for graduation, a student must have earned a minimum of 120-semester hours credit.
2. Successful completion of all program requirements for ESOL endorsement.
3. A minimum overall USF grade-point average of 2.5 or a minimum GPA of 2.5 in teaching specialization courses and a minimum GPA of 2.5 in the Professional Education sequence is required for Secondary Education Programs. The Physical Education, Elementary and Early Childhood programs require a combined grade point average of 2.5 in professional education and specialization as well as an overall USF GPA of 2.5.
4. Satisfactory completion of the internship is also required. Must pass the General Knowledge Test prior to the completion of internship.
5. Passing scores on the appropriate FTCE Subject Area and Professional Education subtests.
6. Completed the major requirements in a state-approved teacher education program (which includes general preparation, teaching specialization, and professional preparation).
7. A minimum of 8 credits in professional courses in addition to internship and 12 credits in specialization courses must have been earned at USF.
8. A minimum of 30 hours after admittance to an upper-level program and must meet all University requirements.

Note: Normally, the college will recommend the granting of a Bachelor of Science (BS) degree which includes a minimum of 6 credit hours of exit courses. To obtain a Bachelor of Arts (BA) degree, the student must meet the Foreign Language Competency (see graduation requirements in front of catalog) and complete 9 hours of exit courses, 3 of which must be in Literature and Writing and 3 of which must be offered outside the College of Education.

Department of Childhood Education

The Childhood Education Department has the responsibility for the development and supervision of programs leading to the Bachelor of Science Degree in Early Childhood Education and Elementary Education.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

All of the programs offered on regional campuses may vary in requirements and course offerings. For an accurate schedule of courses and requirements, please check with the campus you plan to attend.

Early Childhood and Elementary Education Programs

Early Childhood and Elementary majors will be assigned to a specified sequence of courses to be followed throughout the program enrollment. Coursework will include internship and field experience. Students who withdraw from or who have unsatisfactory grades in the field experiences or internships must petition the department Professional Standards Committee before they will be allowed to repeat the internships.

Students must have an overall USF GPA of 2.5 and a GPA of 2.5 in the combined Professional Core and Teaching Specialization prior to final internship and graduation.

Part-time students in Elementary Education (those planning to take 9 hours or less per semester) must meet program and internship requirements associated with the programs. These requirements include being available to participate in the internships during regular school hours.

Part-time students in Early Childhood Education must meet

with the program coordinator prior to admission to the program. These students also must meet program and internship requirements associated with the programs. The requirements include being available to participate in internships during regular school hours.

Early Childhood Program

Students may complete a state-approved program to be eligible for licensure in Early Childhood Education Pre-Kindergarten/Primary (age 3 - Grade 3). The current program of studies includes both coursework and extensive field experiences in early childhood settings to enable students to integrate theory with teaching practice. Upon successful completion of the required courses, associated internships, and a professional portfolio demonstrating the program outcomes and the Florida Educator Accomplished Practices. Early Childhood majors will be eligible for certification in Pre-Kindergarten/Primary (age 3 - Grade 3).

Early Childhood Education with ESOL Endorsement

The College of Education offers a full ESOL Endorsement for all Early Childhood Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

Elementary Education Program

Students may complete a state-approved program to be eligible for certification in Elementary Education (Grades K-6). Degree and certification requirements are subject to change in accordance with state mandates. The current program of studies includes both coursework and extensive field experience in elementary school settings to enable students to integrate theory with teaching practice. A professional portfolio that reflects students' demonstration of the Accomplished Practices (APs) is a requirement for graduation.

Elementary Education with ESOL Endorsement

The College of Education offers a full ESOL Endorsement for all Elementary Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

• EARLY CHILDHOOD EDUCATION: Pre-Kindergarten/Primary

Requirements for the B.S. Degree (BEC): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF X005 Introduction to Education

EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

For additional prerequisites see program requirements below.

Professional Education Core (39 cr. hrs.):

EDF 4111	Child Growth and Learning	3
EEC 4940	Senior Internship and Seminar	10
EEC 4936	Senior Seminar	2
EEC 4941	Field Experience I	3
EEC 4942	Field Experience II	3
EEC 4943	Field Experience III	3
EDG 4909	Young Children With Special Needs	3
EDG 4909	Assess., Eval., Reporting Progress	3
FLE 4362	Curriculum and Pedagogy of ESOL	3
FLE 4363	Literacy Development in English Language Learners	3
FLE 4364	Applying Linguistics to ESOL Teaching and Testing	3

Specialization (30 cr. hrs.):

EEC 4008	Literature in Early Childhood Education (Exit)	3
OR		
LAE 4414	Children's Literature	3
EEC 4203	Programs for Young Children	3
EEC 4211	Integrated Curriculum: Science and Mathematics	3
EEC 4212	Integrated Curriculum: Social Sciences/Humanities & Art	3
EEC 4300	Cognitive Experiences for Young Children	3
EEC 4303	Creative and Affective Experiences for Young Children	3
EEC 4408	Child, Family & Teacher Relations	3
EEC 4706	Language and Emerging Literacy	3
HSC 3301	Health, Safety, Nutrition and Motor Skills for the Young Child	3
RED 4310	Early Literacy Learning	3
EDG 4909	Directed Studies	3
	Classroom Management Course	3

The order in which these courses are to be taken is spelled out in the program of study.

• ELEMENTARY EDUCATION

Requirements for the B.S. Degree (BEE): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

Prerequisites (State Mandated Common Prerequisites):

These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Students are advised that the Elementary Education specialization will require an enrollment of more than the traditional four semesters of the junior and senior years in order to complete the program specialization courses and the required sequence of internship.

The order in which these courses are to be taken is designated in the program of study.

Professional Education (32-33 credit hours):

EDF 3122	Learning and the Developing Child	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2-3
FLE 4362	Curriculum and Pedagogy of ESOL	3
FLE 4363	Literacy Development in English Language Learners	3
FLE 4364	Applying Linguistics to ESOL Teaching and Testing	3
EDE 4940	Internship	12

Specialization (40 credit hours):

EDE 4301	Classroom Management, School Safety, Ethics, Law, and Elementary Methods	3
EDE 4941	Childhood Education Internship Level I	3
HLP 4722	Health and Physical Education for the Child	2
EDE 4942	Childhood Education Internship Level II	6
LAE 4314	Teaching Writing	3
LAE 4414	Teaching Literature in the Elementary Schools	3
MAE 4310	Teaching Elementary School Mathematics I	3
MAE 4326	Teaching Elementary School Mathematics II	3
RED 4310	Reading and Learning to Read	3
RED 4511	Linking Literacy Assessment to Instruction	3
SCE 4310	Teaching Elementary School Science	3
SSE 4313	Teaching Elementary School Social Studies	3
EDG 4909	Directed Studies	3

Department of Secondary Education

The following programs are housed in the Department of Secondary Education:

English Education
Foreign Language Education
Mathematics Education
Science Education
Social Science Education

The undergraduate programs offered by the department are designed to prepare students to meet Florida teacher certification requirements and to become highly competent secondary teachers. Specialized courses in the teaching of mathematics, science, and social science are also offered for students majoring in elementary, early childhood, and special education.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

• ENGLISH EDUCATION with ESOL Endorsement

Requirements for the B.S. Degree (BEN): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

The College of Education offers a full ESOL Endorsement for all English Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
Suggested courses: MGF 1105, 1106, or 1107; STA 2022
- Twelve (12) hours of Social Science (to include American History and General Psychology)
Suggested courses: AMH; AML 3453; ENL 3323, 3823; PSY 2012
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
Suggested courses: LIT 2000; SPC 2000
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
Suggested courses: FIL 2001; PHH 2000

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal

Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Recommended Courses:

Literature Course (3 hours) - select from LIT, AML, ENL (LIT 2000 or ENL 3323 recommended)

English Electives (9 hours) - to include advanced composition and mediacy

(CRW 2100 or CRW X111 and MMC 2100 or ENC X310 and LIT 2046 or LIT X301 recommended)

Professional Education (23 credit hours):

EDF 3604	Social Foundations of Education (Exit)	3
EDF 3214	Human Development and Learning	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2
FLE 4316	Language Principles and Acquisition	3
FLE 4317	Teaching LEP Students K-12 Literacy Course	3
	Classroom Management Course	3

Specialization (45 credit hours):

ENC 3310	Expository Writing	3
One of the following:		
LIT 3103	Great Literature of the World (Exit)	3
WST 4410	Third World Women Writers (Exit)	3
LAE 4469	Teaching World Literature to Middle and Secondary Students	3

One of the following:

AML 3031	American Literature to 1860	3
AML 3032	American Literature 1860-1912	3
AML 3051	American Literature 1912-1945	3

One of the following:

ENL 3015	British Literature to 1616	3
ENL 3230	British Literature 1616-1780	3
ENL 3251	British Literature 1780-1900	3
ENL 3273	British Literature 1900-1945	3

One of the following:

LIT 3383	The Image of Women in Literature	3
LIT 4386	British and American Literature by Women (Exit)	3

One of the following:

LIN 3010	Introduction to Linguistics	3
ENG 4060	History of the English Language	3

One of the following:

LIN 3670	English Grammar and Usage	3
LIN 4680	Structure of American English	3

Additional Specialization (24 credit hours):

LAE 4464	Adolescent Literature for Middle and Secondary Students (Exit) (Must be taken with LAE 4323)	3
LAE 4323	Methods of Teaching English: Middle School (Must be taken with LAE 4464)	3
LAE 4530	Methods of Teaching English: Practicum (Must be taken with LAE 4335)	3
LAE 4335	Methods of Teaching English: High School (Must be taken with LAE 4530)	3
LAE 4936	Senior Seminar in English Education	2
LAE 4940	Internship: English Education	10

LAE 4530 and LAE 4335 must be taken in the Fall or Spring immediately proceeding internship. LAE 4323 must be taken prior to LAE 4530. LAE 4464 must be taken concurrently with LAE 4323.

• SOCIAL SCIENCE EDUCATION

Requirements for the B.S. Degree (BSS): In addition to the

courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs." It is recommended that students pursue a double major in Social Science Education with History or one of the Social Sciences.

Prerequisites (State Mandated Common Prerequisites):

These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF X005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- Three (3) hours American Government¹
- Three (3) hours Anthropology²
- Three (3) hours Cultural Geography³
- Three (3) hours Economics⁴
- Three (3) hours History
- Three (3) hours Psychology
- Three (3) hours Sociology⁵

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

The following are the courses recommended by the Social Science Education department to fulfil the State Mandated Common Prerequisites:

- ¹ POS 2041 American National Government
or
POS 2080 American Political Tradition
- ² ANT 2000 Introduction to Anthropology
or
ANT 2410 Cultural Anthropology
- ³ GEA 2000 Global Geography
- ⁴ ECO 1000 Basic Economics
or
ECO 2013 Macroeconomics
- ⁵ SYG 2000 Introduction to Sociology
or
SYG 2010 Contemporary Sociology

Professional Education Core (17 credit hours):

EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2
FLE 4365	ESOL Competencies and Strategies	3
	Classroom Management	3

Social Sciences Specialization (48 credit hours):

AMH 2010	American History I	3
AMH 2020	American History II	3
GEA 2000	World Regional Geography	3
HUM 2211	Studies in Culture: Classical through Medieval	3

HUM 2243	Studies in Culture: Renaissance through the 20 th Century	3
POS 2112	State and Local Government	3
POS 2080	American Political Tradition	3
One of the following:		
HIS 4104	Theory of History	4
POT 4054	Modern Political Theory	3
POT 4064	Contemporary Political Thought	3
POT 4204	American Political Thought	3
Any course from African, Asian, or Latin American, or Middle Eastern History		
AMH 3421	Early Florida History	4
AMH 3423	Modern Florida History I	4
One of the following:		
ANT 2000	Introduction to Anthropology	3
ANT 2410	Cultural Anthropology	3
One of the following:		
ECO 1000	Basic Economics	3
ECO 2013	Macroeconomics	3
One of the following:		
SYG 2000	Introduction to Sociology	3
SYG 2010	Contemporary Problems	3
INR 3018	World Ideologies	3
Social Science Education (27 credit hours):		
SSE 4333	Teaching Middle Grades Social Science	3
SSE 4334	Teaching Secondary Grades Social Science	3
SSE 4335	Teaching Social Science Themes*	3
SSE 4600	Reading and Basic Skills in the Social Sciences	3
SSE 4936	Senior Seminar in Social Sciences Education	2
SSE 4940	Internship: Social Science Education**	10

*SSE 4333 or SSE 4334 must be successfully completed prior to SSE 4335.

**Only SSE 4936 can be taken at the same time as SSE 4940.

Department of Special Education

The Department of Special Education prepares teachers to work with children who have emotional and behavioral disabilities, mental retardation, and specific learning disabilities. The undergraduate program is a state-approved program that leads to certification in Exceptional Student Education (ESE).

Students are required to meet University and College of Education entrance requirements prior to enrollment in the Department. Upon admission, students affiliate with the campus on which they wish to take their program of studies. Students may not register for courses on other campuses without permission. On the Tampa Campus, students are assigned to teams. All courses are taken with the assigned team. The program sequence includes three semesters of part-time field experience and one semester of full-day internship. All part-time field experiences must be successfully completed as a member of a team concurrently enrolled in a specified course in designated local schools. Final internships are assigned only to designated school districts where partnerships exist. Field experiences begin during the first semester of a student's enrollment with increasing involvement throughout the program. Students are responsible for providing transportation to their experience sites.

In some instances students may pursue a part-time program (9 hours or less a semester). This requires that students be available to participate in field experiences and concurrent classes during regular school hours.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

SPECIAL EDUCATION with ESOL Endorsement

The College of Education offers a full ESOL Endorsement for all Special Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a 10 days; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Professional Education Core (31-32 credit hours):

The required courses in the professional education core are as follows:

EEX 4941	Practicum in ESE	6
EDF 3122	Learning and the Developing Child	3
or		
EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
FLE 4316	Language Principles and Acquisition	2
FLE 4317	Teaching LEP Students K-12	3
EEX 4940	Internship: Exceptional Student Education	1-10
EEX 4936	Senior Seminar in Exceptional Student Education	1

Area of Specialization

Exceptional Student Education

Students seeking the B. S. degree with certification in Exceptional Student Education are required to take the following courses:

EEX 4011	Foundations of Special Education	3
EEX 4054	Perspectives on Learning and Behavioral Disorders	3
EEX 4221	Educational Assessment of Exceptional Students	3

EEX 4243	Education of the Exceptional Adolescent and Adult	3
EEX 4604	Behavior Management for Special Needs and at Risk Students	3
EEX 4742	Narrative Perspectives on Exceptionality: Cultural and Ethical Issues (Exit)	3
EEX 4846	Clinical Teaching in Special Education	3
EMR 4011	Mental Retardation and Developmental Disabilities	3
LAE 4314	Teaching Writing	3
MAE 4310	Teaching Elementary School Mathematics I	3
RED 4310	Early Literacy Learning	3
RED 4511	Linking Literature Assessment to Instruction	3

COLLEGE OF NURSING

The College of Nursing is committed to the advancement of nursing and the promotion of health care through its education, research and service endeavors. To fulfill its commitment to nursing education, the college offers an upper division program of study that leads to a Bachelor of Science degree with a major in nursing.

Undergraduate Nursing Program General Information

The RN Completion Program is for qualified registered nurses who are graduates of associate degree or diploma programs in nursing.

Undergraduate Admission to the College of Nursing

The College of Nursing encourages applications from qualified applicants of both sexes and from all cultural, racial, religious, ethnic, and age groups. The College of Nursing uses selective criteria for the admission of students. Limitations on enrollments are determined on the basis of availability of sufficient qualified faculty, laboratory and classroom facilities, and clinical teaching resources.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

NURSING PROGRAM

• REGISTERED NURSE - COURSE OF STUDY

NUR 3806	Educational Transitions for RN	3
NUR 3066	Physical Examination and Assessment	2
NUR 3066L	Clinical Experience in Health Assessment - RN	1
NUR 3125	Pathophysiology for Nursing Practice	4
NUR 3145	Pharmacology in Nursing Practice	3
NUR 4636	Community/Public Health Nursing	3
NUR 4636L	Comm/Public Health Nursing Clinical - RN	3
NUR 4838	Leadership & Management in Professional Nursing Practice	3
NUR 3826	Ethical Legal Aspects in Nursing and Health Care	3
NUR 4165	Nursing Inquiry	3
NUR	Nursing Elective	3
Total		31

In addition to requirements listed, the RN student must also meet all university graduate requirements as listed in the catalog.

Conditional Admission Policy for Registered Nurses

RN students may be admitted conditionally to the College of Nursing. Students may enroll in the appropriate sequence of selected courses while completing the prerequisite requirements. An academic advisor will assist students with selecting the courses.

Excelsior and College of Nursing Examinations

Successful completion of the following examination(s) can be used to fulfill course requirements as designated below:

Registered nurses who are graduates of diploma programs may receive up to 26 semester general elective credits through successful completion of the Excelsior (formerly Regents) examinations in nursing.

Registered nurses who are graduates of Florida associate degree programs will receive up to 26 semester upper level credits for their previous nursing education. Registered nurse students should contact the Office of Student Affairs for advisement prior to enrollment. Graduates of other associate degree nursing programs may receive up to 26 credits after individual evaluation of their transcripts.

Registered nurse students may earn up to 6 semester credits and fulfill the college's requirement in anatomy and physiology through successful completion of the Excelsior examination in anatomy and physiology, and up to 3 credits in microbiology through successful completion of the Excelsior examination in microbiology. Excelsior examination information maybe obtained from the Office of Student Affairs, College of Nursing.

UNDERGRADUATE STUDIES

Bachelor of Science in Applied Science (APS)

Location/Phone: SVC 2002; (813) 974-4051

Office Hours: 8 a.m. – 5 p.m., Monday through Friday

Web Address: <http://www.ugs.usf.edu/bsas.htm>

Workforce projections for the 21st century indicate that there will be an ongoing need for people with specific skills and abilities to fill Florida's growing number of specialized, scientific, industrial and technological positions. Florida's two-year colleges offer many exceptional programs that meet these demands through their Associate in Science (A.S.) degrees. Although these applied and technical degrees provide excellent preparation for students seeking jobs that require specific knowledge, skill and ability, they have not generally transferred very efficiently into four-year Bachelor's degree programs. The Bachelor of Science in Applied Science (BSAS) has been developed by USF under certain provisions of Florida legislation to remove constraints from the transfer process, recognize past work as transferable credit to the university, and afford exciting new opportunities for A.S. degree holders to pursue and acquire a distinctive USF Bachelor's degree.

The BSAS program is a "capstone" degree offering A.S. degree holders an efficient pathway to a Bachelor's degree. It provides Florida A.S. transfer students with a broad educational experience and a unique academic area of concentration. The various concentrations allow students to somewhat tailor their degree to match their academic interests and career ambitions. To achieve this end, BSAS students will plan their program in ongoing consultation with an academic advisor who will help students design their individualized program of study.

Requirements for the Major in Bachelor of Science in Applied Science

Recommended Prerequisites (State Mandated Common Prerequisites)

This degree program is available ONLY to Associate in

Science (A.S.) graduates from a Florida public community/junior college.

There are no State Mandated Common Prerequisites for this degree program.

Students wishing to transfer to USF must complete the A.S. degree with an overall "C" average in all college-level courses accepted for transfer credit to USF. Students are encouraged to complete at least 18 credit hours of the General Education Requirements as part of their A.S. degree, and it is highly recommended that students select Gordon Rule communication and computation courses to fulfill these requirements while at the community college.

The A.S. degree will transfer as a complete "60 credit hour package" to USF (applicable only to the BSAS program). Technical coursework will transfer as a 42 credit hour technical block. The remaining 18 credit hours of General Education coursework from the A.S. will be matched against USF requirements to determine which courses remain outstanding for fulfillment of the university's 36 credit hour General Education Requirement.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Community College Block Credit (Transferred from A.S.)	42
Community College General Education (Transferred from A.S.)	18
USF General Education	18
USF Exit Courses	9
USF Area of Concentration*	18
USF Electives**	15
Total BSAS Credit Hours	120

*Note that all BSAS Areas of Concentration are at least 18 credit hours (some require 21 credit hours).

** Elective credit hours may vary slightly, but will not require students to exceed a total of 120 credit hours for completion of the BSAS degree.

Within the 60 credit hours of USF/upper-level coursework beyond the A.S., BSAS students will complete:

- a minimum of 48 credit hours of upper-level (3000-4999) courses
- at least 30 hours of the last 60 credit hours at USF
- CLAST requirements
- foreign language requirement (can be satisfied by two years of high school foreign language credit or 8 college credit hours in a single foreign language)

Requirements for the Criminal Justice Area of Concentration (ACJ)

BSAS – Criminal Justice Concentration (ACJ) consists of 18 credit hours:

Only available at Lakeland or Sarasota campus

CCJ 3024	Survey of Criminal Justice	(3)
CCJ 3610	Theories of Criminal Behavior	(3)
CJL 3110	Substantive Criminal Law	(3)
CJC 4010	American Correctional Systems	(3)
CCJ 4934	Seminar in Criminology	(3)
CJE 4144	American Law Enforcement	(3)

Requirements for the General Business Area of Concentration (ABU)

BSAS - General Business Concentration (ABU) consists of 18 credit hours:

ACG 3074	Managerial Accounting for Non-Business Majors	(3)
ECO 1000	Basic Economics	(3)
FIN 3403	Principles of Finance	(3)
MAN 3025	Principles of Management	(3)
MAN 4XXX	Managerial Applications	(3)
MAR 3023	Basic Marketing	(3)

Requirements of the Early Childhood Area of Concentration (AEC)

BSAS – Early Child Development Concentration (AEC) consists of 18 credit hours:

Only available at Lakeland or Sarasota campus

EDF 4111	Child Growth & Learning	(3)
EDG 4909	Young Children w/ Special Needs	(3)
HSC 3301	Health, Safety, Nutrition & Motor Skills	(3)
EEC 4303	Creative & Affective Experiences	(3)
EEC 4408	Child, Family & Teacher Relations	(3)
PAD 4419	Personnel & Supervision	(3)

Requirements for the Hospitality Management Area of Concentration (APU)

BSAS – Hospitality Management Concentration (APU) consists of 18 credit hours:

Only available through Sarasota campus

PREREQUISITES - 12 HOURS:

ACG 2021	Financial Accounting	(3)
ACG 2071	Managerial Accounting	(3)
MAN 3025	Principles of Management	(3)
MAR 3023	Basic Marketing	(3)

REQUIRED COURSES:

FSS 3220	Introduction to Food Production & Management	(3)
HFT 3000	Introduction to Hospitality & Tourism	(3)
HFT 3423	Hospitality Information Systems	(3)
HFT 3503	Hotel Marketing and Sales	(3)
HFT 4221	Human Resources Management	(3)
HFT 4253	Logding Management	(3)

Requirements for the Public Administration Area of Concentration (APU)

BSAS - Public Administration Concentration (APU) consists of 18 credit hours:

PAD 3003	Introduction to Public Administration	(3)
PAD 4204	Public Financial Administration	(3)
PAD 4419	Personnel and Supervision in Today's Organizations	(3)
PAD 4712	Managing Information Resources in the Public Sector	(3)
POS 3182	Florida Politics and Government	(3)

Plus any one of the following:

PUP 4002	Public Policy	(3)
PAD 5035	Issues in Public Administration and Public Policy	(3)
PAD 5044	Environment of Public Administration	(3)
PAD 5159	Urban Policy Analysis	(3)
PAD 5333	Concepts and Issues in Public Planning	(3)
PAD 5605	Administrative Law and Regulation	(3)
PAD 5700	Research Methods in Public Administration	(3)
PAD 5807	Urban and Local Government Administration	(3)
PAD 5836	Comparative Public Administration	(3)

Bachelor of Science in Hospitality Management

Program Email: hospitality@sar.usf.edu

Location: Sarasota/Manatee Campus, CPP Bldg. Suite 101

The mission of the School of Hotel and Restaurant Management at the University of South Florida is to provide excellence in teaching, research and service to all persons and to build foundations for lifelong learning. The School of Hotel and Restaurant Management prepares individuals for industry management and leadership roles in a global economy and interfaces with stakeholders to deliver hospitality professionals that add to the financial, intellectual, environmental, ethical and social growth of Florida and the Nation.

The Bachelor of Science Degree in Hospitality Management prepares outstanding individuals to be service-oriented professionals. The School of Hotel and Restaurant Management educates students to succeed at entry-level management and supervisory level positions in the hospitality industry. A general business education with specialized hotel and restaurant management courses equips the students to approach problem solving in a disciplined and systematic manner. An advisory board composed of leaders from major hospitality-related corporations and organizations that are directly involved with the review of the curriculum, school development and programming, prepares students for future career challenges.

Students should have 60 transferable hours and an overall GPA of 2.0 prior to admission to the University of South Florida.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements, thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. (*no grade lower than a C-*):

- ACG X021 Principles of Financial Accounting
or ACG X001 and ACG X011
- ACG X071 Principles of Managerial Accounting
- ECO X013 Macroeconomics
- ECO X023 Microeconomics

Major requirements for the B. S. Degree In Hospitality Management are as follows:

Business Courses (12 Credits)

- FIN 3403 Principles of Finance
- ISM 3011 Information Systems in Organizations
- MAN 3025 Principles of Management
- MAR 3023 Basic Marketing

Hospitality Courses (36 Credits)

- FSS 3231 Introductory Food Preparation Management
- HFT 3005 Introduction to Hospitality and Tourism
- HFT 3263 Restaurant and Catering Management
- HFT 3423 Hospitality Information Systems
- HFT 3424 Cost Control in Hospitality Operations
- HFT 3503 Hotel Marketing and Sales
- HFT 3603 Law and Security for the Hospitality Industry
- HFT 4323 Facilities Mgmt for the Hospitality Industry
- HFT 4221 Human Resource Management
- HFT 4253 Lodging Management
- HFT 4471 Mgmt Accounting & Finance for the Hospitality Industry
- HFT 4930 Selected Topics in Hospitality Management
- HFT 4945 Advanced Internship (300 hours)

Communications Courses (6 Credits)

- COM 3110 Communication for Business and the Professions
or SPC 2600 Public Speaking
- ENC 3310 Expository Writing
or ENC 3213 Professional Writing

Non-Credit Major Requirement

In addition to completion of HFT 4945, students must complete an additional 700 documented working hours in the hotel and/or restaurant industry before graduation.

*FSS 3231 and HFT 3263 require a lab fee.

School of Hotel and Restaurant Management Faculty

Director: Jay R. Schrock; *McKibbin Chair:* John R. Walker;
Coordinator: Amanda M. Kulaw

Program Email: hospitality@sar.usf.edu Location: Sarasota/Manatee Campus, CPP Bldg., Suite 101.

Bachelor of Science in Information Technology

The Mission of the Information Technology Program is to provide high quality educational opportunities for students interested in pursuing careers in the broad range of fields that support our computer/information-based society and economy. Additionally to utilize the resources of the program to provide service to society; and to emphasize to students the need for lifelong learning, ethical conduct and an understanding of the diverse social context in which Information Technology is practiced. The program is offered through the Lakeland Campus.

Specifically the program aspires to:

1. Lead to the advancement of Information Technology through nationally recognized education at the undergraduate level, as well as technology transfer to regional industries and businesses;
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning;
3. Educate undergraduates in the best practices of the field as well as integrate the latest research and practices into the curriculum;
4. Emphasize the development of problem solving and communication skills as an integral component of the educational process and the later practice of the discipline;
5. Provide quality learning experiences through highly interactive techniques of course delivery that will include the use of electronic support equipment as well as newly developing distance learning technologies.

Objectives

The Information Technology program graduates will:

1. Have the requisite education and skills to be immediately employable as professionals in our computer/information-based society
2. Be prepared to enter into graduate studies in a number of related graduate programs
3. Be ethical and responsible members of their profession and society as a whole
4. Be well founded in the variety of sub-disciplines that comprise Information Technology which include basic principles of computation, mathematics, science and engineering.

The Information Technology (IT) program is designed to bridge the gap between computer science and management information systems. The emphasis of the program is on knowledge-based computer and information technology, traditional computer science concepts, as well as more practical topics including programming, applications, and networking, systems administration and the management of a variety of computing environments (in an era of rapidly changing technology). IT students will take coursework in computer organization, human-computer interface, data structures, operating systems, networking, databases, and software engineering. Electives can include such application areas as: advanced database, advanced networking, web page design and administration, and e-commerce as well as a variety of other related areas. Through a broad based set of electives, IT students will be able to tailor their program to satisfy individual preferences and strengths.

Students completing the IT program will qualify for a broad range of positions in computer-intensive businesses and industry such as: programmer analyst, systems analyst, data-

base administrator, network administrator, computer resource manager, systems development manager, and information technology management, to name a few.

In addition to the University's graduation requirements, the program has the following policies:

1. Mandatory academic advising of each student each term,
2. Exit interviews as a graduation requirement for all students, and
3. Only grades of C and above in IT courses can be used to fulfill graduation requirements.

Four-Year Curriculum in Information Technology

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

PSY XXXX	Any Psychology Course
STA X023	
ECO X013	
CGS XXXX	Any Database Course
COP 2XXX	Any Computer Programming Course
COP 2XXX	Any Object-Oriented Computer Programming Course
MAC XXXX	Pre-Calculus Course
PHY XXXX	Any Physics Course
M** XXXX	Discrete Mathematics Course

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

The schedule that follows indicates how a diligent student, who can devote full time to coursework, can satisfy requirements in four academic years. Students without a solid foundation, or those who cannot devote full time to academics, should plan for a slower pace.

Semester I

CGS 2100	Computers in Bus.	3
ENC 1101	Composition I	3
MAC 1140	Precalculus Algebra	3
Gen. Ed.		6
Total		15

Semester II

COP 2510	Programming Concepts	3
ENC 1102	Composition II	3
MAD 3100	Discrete Math	3
ECO 2013	Economic Principles (Macro.)	3
PSY 2012	Psychological Science I	3
Total		15

Semester II

Natural Science		3
COP XXXX	OO Programming (e.g., C++)	3
Electives		9
Total		15

Semester IV

STA 2023	Introductory Statistics I	3
PHY 2020	Conceptual Physics	3
Fine Arts		3
Electives		6
Total		15

Semester V

COP 3515	Program Design for Information Technology	3
CDA 3101	Computer Organization for Information Technology	3
ENC 3211	Communication for Engineers	3
INR 3033	International Political Cultures	3
CEN 3722	Human Computer Interfaces for IT	3
Total		15

Semester VI

EEL 4854	Data Structures and Algorithms for IT	3
COP 4610	Operating Systems for IT	3
ENC 4260	Advanced Technical Writing	3
CGS 3303	IT Concepts	3
IT Approved Electives		3
Total		15

Semester VII

CIS 4703	Database Systems for IT	3
CEN 4031	Software Engineering Concepts for IT	3
EEL 4782	Computer Information Networks for IT	3
IT Approved Electives		6
Total		15

Semester VIII

COP 4930	Information Technology Seminar	1-3
CIS 4935	Senior Project in IT	3-5
CIS 4253	Ethical Issues for Information Technology	3
IT Approved Electives		6
Total		13 - 15

INFORMATION TECHNOLOGY (IT) MINOR PROGRAMS

There are two IT Minor options available.

The **IT General Minor** (15 semester hours) is aimed at providing a good understanding of the concepts underlying Information Technology while enabling the student to choose four elective topics in which to specialize. These elective encompass a wide spectrum of topics such as programming, networking and web design, Human Computer Interface and Security Management. The outcome of this program is to build a solid culture of IT technologies and disciplines from scratch.

The **IT Technical Minor** (24 semester hours) enforces basic scientific pre-requisites and requires interested students to attend three core IT courses meant to provide them with the conceptual and technical basis necessary to successfully dwell in more advanced topics. The elective part of the IT Technical Minor is composed of two electives to be chosen from a larger set of courses including Data Base Systems and Operating System. Successful students are expected to develop a conceptual understanding of the IT field while developing programming skills they may apply to strengthen their major.

IT GENERAL MINOR

Required Course:

CGS 3303	IT Concepts	3
----------	-------------	---

Electives (choose four from list):

CDA 3101	Computer Organization for IT	3
CEN 3722	Human Computer Interfaces for IT	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
COP 3515	Program Design for IT	3
EEL 4782	Computer Information Networks for IT	3
EEL 4854	Data Structures and Algorithms for IT	3
ETG 4931	Special Topics in Technology I	1-5
ETG 4932	Special Topics in Technology II	1-5

IT TECHNICAL MINOR**Prerequisite Courses:**

COP 2510	Programming Concepts	3
COT 3100	Introduction to Discrete Structures	3
PHY XXXX	Physics	3

Required Courses:

CGS 3303	IT Concepts	3
COP 3515	Program Design for IT	3
EEL 4854	Data Structures and Algorithms for IT	3

Electives (choose four from list):

CDA 3101	Computer Organization for IT	3
CEN 3722	Human Computer Interfaces for IT	3
CEN 4031	Software Engineering Concepts for IT	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
COP 4610	Operating Systems for IT	3
COP 4703	Database Systems for IT	3
EEL 4782	Computer Information Networks for IT	3
EEL 4854	Data Structures and Algorithms for IT	3
ETG 4931	Special Topics in Technology I	1-5
ETG 4932	Special Topics in Technology II	1-5

**POST-BACCALAUREATE CERTIFICATE PROGRAMS
IN INFORMATION TECHNOLOGY (IT)**

There are two Post-Baccalaureate Information Technology (IT) Certificates available. Both Certificates are designed for students who hold bachelor's degrees in fields other than IT, but do not seek either a master's degree or a complete undergraduate degree in IT.

The **IT Management Certificate** (15 semester hours) is designed to provide the student an application-oriented managerial background in IT. The typical student pursuing this certificate is not looking to change careers, but rather looking to enhance their technical abilities in their existing job. A four year Bachelor's degree plus some prerequisites are required to enter the IT Management Certificate Program.

The **IT Professional Certificate** (30 semester hours) is designed to help students change careers, i.e. begin a new career as an IT Professional. All classes (15 hours) taken in the IT Management Certificate directly apply toward the IT Professional Certificate. Therefore, each student having completed the IT Management Certificate, will only need 15 additional hours to complete the IT Professional Certificate. However, certain additional prerequisites may be required of the student prior to taking the advanced technically oriented classes contained in the IT Professional Certificate.

Students wanting to enter one of the IT Certificate programs, need to fill out an application to apply and have an official transcript sent from the College or University where they completed their undergraduate degree. The transcript is used to first verify that the student completed their undergraduate degree and second to identify if any additional prerequisite classes that may be required.

IT MANAGEMENT CERTIFICATE

The prerequisites to enter the IT Management Certificate program is a four year undergraduate degree plus the following:

1. MACxxx Pre-Calculus 3 hrs.
2. STA2023 Intro. To Statistics 3 hrs.
3. Any Basic Computer Skills Course 3 hrs.
(Word Processing, Spreadsheets, Windows, etc.)

NOTE: The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Management Certificate program, the student must complete 15 hours selected from the following:

ETG 4931	Special Topics in Technology I	1-5
CEN 3722	Human Computer Interfaces for IT	3

ETG 4932	Special Topics in Technology II	1-5
COP 4930	Information Technology Seminar	1-3
CIS 4935	Senior Project in Information Technology	3
ENC 4260	Advanced Technical Writing	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
	IT Current Topics	3
	IT Approved Elective	3

IT PROFESSIONAL CERTIFICATE

The prerequisites to enter the IT Professional Certificate program is a four year undergraduate degree plus the following:

1. STA 2023 Intro. To Statistics 3 hrs.
2. CGS xxxx Any Data Base 3 hrs.
3. COP2xxx Computer Programming 3 hrs.
4. COP2xxx OO Programming 3 hrs.
5. MAC xxxx Pre-Calculus 3 hrs.
6. xxxx Discrete Mathematics 3 hrs.

NOTE: The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Professional Certificate program, the student must complete the following 30 hour program:

Required courses for the IT Professional Certificate (12 credit hours):

COP 3515	IT Program Design	3
COP 4610	Operating Systems for IT	3
COP 4610L	Operating Systems Laboratory for IT	1
CDA 3101	Computer Organization for IT	3
EEL 4854	Data Structures and Algorithms for IT	3

Electives (18 credit hours):

ETG 4931	Special Topics in Technology I	1-5
CEN 3722	Human Computer Interfaces for IT	3
CIS 4703	Database Systems for IT	3
CEN 4031	Software Engineering Concepts for IT	3
EEL 4782	Computer Information Networks for IT	3
EEL 4782L	Information Networks Laboratory for IT	1
COP 4930	IT Seminar	1-3
CIS 4935	Senior Project in IT	3-5
ENC 4260	Advanced Technical Writing	3
CIS 4361	IT Security Management	3
CIS 4412	IT Resource Management	3
	IT Current Topics	3
	IT Approved Elective	3

Total 30

USF St. Petersburg

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Visiting USF St. Petersburg

We invite prospective students, their families, and other interested persons to visit the beautiful campus on Bayboro Harbor in downtown St. Petersburg. The Office of Prospective Student Outreach offers visits and tours of the University of South Florida St. Petersburg on an appointment-only basis right now. We host two open houses each year.

Tours begin in the Academic Advising Center in Davis Hall, Room 134. Visitor parking is available in front of Davis Hall. No parking permit is required if visitor parking is used. Please call for an appointment at least one week in advance of your visit and remember: Wear comfortable shoes! To schedule a visit to the St. Petersburg campus, contact student recruiter John Vassel at (727) 553-4002 or email vassel@stpt.usf.edu.

To get to the St. Petersburg campus from I-275, take Exit 22 to Second Street; then turn south and proceed two blocks to the campus.



The campus mailing address is:
140 Seventh Avenue South
St. Petersburg, FL 33701

Information about USF St. Petersburg

Academic Advising Center

DAV 134 – 553-4511

<http://www.stpt.usf.edu/advising>

Admissions and Records

BAY 102 – 553-4142

<http://www.stpt.usf.edu/admissions>

Applications and Admissions

BAY 102 – 553-4142

<http://www.stpt.usf.edu/admissions/application.htm>

Bookstore

COQ 101 – 553-1173

Campus Activities Center

601 Second Street South – CAC 124 – 553-4596

<http://www.stpt.usf.edu/studentlife/cac/cacmain>

Campus Computing

BAY 230

Lab & Student Help Line – 553-4551

Computer Store – 553-4184

<http://www.stpt.usf.edu/computing>

Career Development

Counseling & Career Center - BAY 119 – 553-4422

<http://www.stpt.usf.edu/studentdev/cc>

Colleges

Arts and Sciences – DAV 100 – 553-4156 / 3-4157

<http://www.stpt.usf.edu/coas>

Business – COB 348 – 553-4154

<http://www.stpt.usf.edu/cob>

Education – COQ 201 – 553-4155

<http://www.stpt.usf.edu/coe>

Counseling Center

<http://www.stpt.usf.edu/studentdev/cc>

BAY 119 – 553-4422

Financial Aid

BAY 105 – 553-4128

<http://www.stpt.usf.edu/enrollment/aid>

Fitness Center

CAC 109 – 553-4589

<http://www.stpt.usf.edu/studentlife/fitness>

Honors Program

Director – SNL 100 – 553-4555

<http://www.stpt.usf.edu/coas/honors>

International Affairs

Coordinator – BAY 204C – 553-4156

Journalism Studies Program

FCT 204 – 553-4850

Library (Nelson Poynter Memorial Library)

General Information – 553-4123

<http://www.nelson.usf.edu>

New Student Orientation

CAC 137 – 553-4181

<http://www.stpt.usf.edu/studentlife/orientation>

Parking and Traffic Services

ONE 300 553-4510

http://www.stpt.usf.edu/parking_services

Prospective and New Students

DAV 134A – 553-4002

<http://www.stpt.usf.edu/prospectives.html>

Public Safety

PSD 001 – 553-4478

Student Disability Services

Coordinator, BAY 111 – 553-4413

<http://www.stpt.usf.edu/saffairs/sds>

Student Government

CAC 127 – 553-4144

Student Life

<http://www.stpt.usf.edu/studentlife>

Swimming Pool

COQ 108 – 553-4597

Transcripts

Registrar's Office – BAY 104 – 553-4142

Tutoring

<http://www.stpt.usf.edu/cc/tutoring.htm>

Transfer (Undergraduate) Student Issues

Recruiting – DAV 134 – 553-4511

University Experience Program

University Police

<http://www.stpt.usf.edu/police>

Veterans Services

BAY 105 – 553-4128

Waterfront

COQ 108 – 553-4597

ACCREDITATION

The University of South Florida is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award degrees at the baccalaureate, master's, specialist, and doctoral levels, including the Doctor of Medicine.

UNIVERSITY OF SOUTH FLORIDA ST. PETERSBURG

Mission

USF St. Petersburg offers distinctive graduate and undergraduate programs in the arts and sciences, business, and education within a close knit, student-centered learning community that welcomes individuals from the region, state, nation and world. We conduct wide-ranging, collaborative research to meet society's needs and engage in service projects and partnerships to enhance the university and community's social, economic and intellectual life. As an integral and complementary part of a multi-campus university, USF St. Petersburg retains a separate identity and mission while contributing to and benefiting from the associations, cooperation, and shared resources of a premier national research university.

Values

- We value a collegial, inviting, and safe learning environment that stresses excellent teaching, encourages intellectual growth, and rewards academic achievement.
- We value an education rich in both theory and practical experience that enables our graduates to pursue careers and professions with competence and confidence.
- We value collaboration throughout the campus community in scholarship, research, and service.
- We value individuals, respect their diversity and varied perspectives, and insist on tolerance of divergent views.
- We value academic freedom and responsibility, creative expression, and the unfettered pursuit of truth.
- We value deliberative dialogue in making decisions and solving problems.
- We value shared governance and shared responsibility in the operation of the university and the allocation of its resources.
- We value honesty, integrity, and openness while promoting ethical behavior.
- We value lifelong learning and recognize our responsibility to contribute to civic well-being.
- We value longstanding, continuing partnerships that unite and benefit both the campus and community.
- We value efficient, trustworthy and able stewardship of our university.

Vision

Guided by its mission and values, USF St. Petersburg commits itself to leadership in education, research, and outreach on behalf of the people and communities it serves.

USF St. Petersburg will develop academic programs known for excellence and distinctiveness that focus on interdisciplinary study, creativity, and exploration. We will provide the means and environment to ensure that our graduates acquire the skills and aptitudes for lifelong learning and achievement.

USF St. Petersburg will move aggressively and strategically to enhance existing academic programs and anticipate and address future needs by developing new initiatives determined by community-based educational priorities.

Our vision includes:

- Graduate and undergraduate degree programs known for accomplishing defined learning outcomes that strive to meet the highest of academic standards
- Academic, student, and support operations that are caring, personal, and service-oriented
- Enhanced opportunities for community-based research, service, and learning

- Campus and community participation in decision-making and planning
- First-class, up-to-date learning facilities and technology
- Increased external support for scholarships, grants, and academic initiatives

Goals

- Strengthen governance structures and processes, achieve academic autonomy, and earn separate institutional and program accreditations that signify the campus meets the highest standards of higher education.
- Establish a national and international academic reputation by developing distinctive programs; by enhancing established, existing academic programs; and by establishing new initiatives based on educational priorities.
- Create a campus life that challenges, supports, and encourages student involvement in activities and programs that will enrich and enhance students' university experience and empower them for lifelong success.
- Promote, strengthen, and support research as a pathway to learning, discovery, solving problems, and contributing to the public good.
- Create a campus culture that in its composition, attitudes and actions, respects, encourages, and embodies diversity.
- Increase the enrollment of students with the credentials and commitment to excel and provide them with the instructional support and services to allow them to realize their fullest potential.
- Provide for new and enhanced facilities and technology that support the campus's mission and that advance teaching, learning, and discovery.
- Increase individual, corporate, and foundation support to accomplish strategic goals for the benefit of both students and the community.

Approved by the USF St. Petersburg Campus Board on February 24, 2003

About USF St. Petersburg

USF St. Petersburg is the oldest and largest regional campus of USF, and it offers a wide range of complete programs in undergraduate and graduate studies. Classes are small and students receive individual faculty attention and a full array of services. Flexible scheduling and affordable tuition allow students of all ages to accommodate family, work, and school in a balanced fashion.

- USF St. Petersburg values each and every individual it serves, creating a welcoming and nurturing environment for all who come to campus.
- Located along the waterfront of Bayboro Harbor, USF St. Petersburg is considered one of the loveliest and most inviting campuses in the nation. The campus also borders the downtown area's museums, galleries, performing arts venues, and theaters. Its cultural programming is outstanding, with frequent public lectures and exhibits. Additional events often are sponsored through the Florida Humanities Council that is headquartered on campus. USF St. Petersburg also is at the center of a medical and scientific research hub that includes pediatrics and marine science.
- USF St. Petersburg's honors program challenges and enhances the quality education normally generated by the campus. Through the Science Journalism Center, USF St. Petersburg offers exciting programs that merge both disciplines to convey the latest scientific breakthroughs to the public.
- The campus is known also for its ethics programs. The

Program for Ethics in Education and Community infuses the teaching of ethics throughout the curriculum and beyond through a popular public lecture series. It also actively engages with the school system and the Stavros Institute in providing character education to all Pinellas students. Through its service learning program, the campus creates many community service opportunities that build character as well as résumés.

- The Nelson Poynter Memorial Library is known for its quality collections and excellent customer service. As part of the USF Library System, it offers cooperative access to over 1,500,000 volumes as well as outstanding electronic resources. Its special collections include signed documents of U.S. presidents, fine first editions of the writings of Mark Twain, a renowned collection of natural history illustrations, and significant archives in local and regional history.
- As a research university, USF is a catalyst for economic development and for the application of new knowledge to industry. The College of Marine Science, located adjacent to USF St. Petersburg, is recognized nationally and is one of the top research and grant award recipients in the entire State University System.
- The campus, in cooperation with the YWCA of Tampa Bay, opened a much-needed day-care center so students with children can have their child-care needs met while they attend class. USF St. Petersburg students majoring in early childhood education also intern at the center so they can apply in a practical way what they learn in the classroom. The YWCA/USF Family Village is a terrific example of a university/community partnership that benefits both groups enormously.
- The USF women's sailing team is establishing a national reputation and ranking. It is the first varsity team based at USF St. Petersburg.

Equal Opportunity Policy

It is the goal of the University to create and maintain a work and study environment free of discrimination. Discrimination on the basis of race, color, sex, marital status, religion, national origin, Vietnam or disabled veteran status, handicap, or age is prohibited by University policies, and federal and state laws. Any person who believes that he or she has been subjected to discrimination may file a complaint with the Office of Equal Opportunity Affairs, ADM 274. The telephone number is (813) 974-4373. It shall be prohibited for any employee of USF to discriminate or take retaliatory action against any individual who, in good faith, has opposed an alleged unlawful practice or has made a charge, testified, assisted, or participated in any manner in an investigation, proceeding, or hearing under the provisions of applicable law.

Guide to Resources for Students with Disabilities

All University programs, events, and services are open and available to persons with disabilities. The University of South Florida is committed to the principles of Equal Educational and Employment Opportunities without regard to disability.

Academic Assistance for Students with Disabilities: Student Disability Services (SDS) exists to ensure that students with disabilities have the technical, academic, and emotional support necessary to achieve academic and personal success at the University of South Florida. Course related assistance and

academic accommodations are provided to eligible students with documented disabilities. Services may include advocacy, reader services, interpreters, alternate exam administration, and note takers. Adaptive equipment, such as FM systems, large print computer access, and Visualteks, is available for student use in Poynter Library. Students are encouraged to contact the Office of Student Disability Services (TER 200 – Phone (727) 553-4990) as early as possible prior to enrollment to make arrangements for appropriate services.

Admissions: Students with disabilities apply under the same guidelines as other students. If a student believes that his/her disability has had an impact on grades, course choice, or standardized test scores for admission, he/she may request consideration of this in the admissions process.

Course Substitution: Students with disabilities requesting substitution of course work for General Education, foreign language requirements, or CLAST should contact the Coordinator of Student Disability Services. Students with declared majors requesting substitution of departmental graduation requirements will need to contact the chair of their department. In either case, students will be requested to submit documentation to support their requests for exceptions.

Disabled Parking: Students with state parking privileges need only supply their state card as documentation for eligibility for a USF disabled parking hangtag/sticker. Students without state privileges need medical documentation to be considered for on-campus disabled parking.

Students with disabilities are encouraged to participate fully in all University events, programs, and other campus activities. Information on whom to contact to request accommodation or assistance should be listed on program information and advertisements. Anyone who is unable to secure the requested assistance or need additional help with accessibility, should contact the Office of Student Disability Services.

The following offices arrange academic accommodations and assistance for students with disabilities:

USF St. Petersburg
Student Disability Services Office
Location/Phone: TER 200 (727) 553-4990
Florida Relay 711
Hours: Monday – Thursday, 8:00 a.m. – 6:00 p.m.
Friday, 8:00 a.m. – 5:00 p.m.

Facilities and Atmosphere

USF St. Petersburg sits on 46 acres, much of it bordering tranquil Bayboro Harbor. The campus features many inviting walkways and outdoor alcoves in which to study. Students can enjoy an outdoor pool that is heated in the winter or take part in the waterfront program that includes sailboats, kayaks, and canoes. A full-service fitness center, racquetball courts, and a gymnasium are available as well. The campus atmosphere is informal. On occasion some classes are even held outside to take advantage of the area's extraordinary climate (average annual temperature is 72°F). Most buildings have open hallways, which blend colorful interiors with spacious exteriors, symbolically and architecturally suggesting the casual accessibility that has become a USF St. Petersburg trademark.

ADMISSIONS AND RELATED MATTERS

Admission to USF St. Petersburg requires evidence of academic ability, creative thinking skills, and strong motivation. The minimum admission requirements are designed to help identify applicants whose academic background indicates potential for success at USF St. Petersburg; however, satisfaction of minimum admission requirements does not guarantee

acceptance. The admission of new students at all levels is made on a selective basis within curricular, space, and fiscal limitations. The selection process may include such factors as grades, test scores, pattern of courses completed, class rank, educational objectives, past conduct, school recommendations, personal recommendations, and portfolios. Preference for admission in any term will be given to those applicants whose credentials indicate the greatest promise of academic success.

The University encourages applications from qualified applicants of both sexes and from all cultural, racial, religious, ethnic, and age groups. In the admission process, there is no discrimination on the basis of these factors or on the basis of disability. Applicants who do not meet minimum admission requirements will be considered for admission when there is sufficient evidence to suggest ability to do satisfactory work at USF St. Petersburg. These policies are further described under "Applying for Admission" and "Requirements for Admission."

The University supports equal educational opportunity for disadvantaged students. Requests for waiver of the \$30.00 application fee are considered by the Director of Admissions & Records if payment of this fee creates severe financial hardship and serves as a deterrent to application.

Students are admitted to USF St. Petersburg in accordance with the mission and goals of the University and within enrollment limitations established by the Board of Education and the Florida Legislature.

Admissions and Records

Location/phone: BAY 102 – (727) 553-4142
140 Seventh Avenue S., St. Petersburg, FL 33701
Web address: <http://www.stpt.usf.edu/admissions>

The Office of Admissions & Records at USF St. Petersburg provides a wealth of student, academic, and administrative services. In cooperation with the Office of Admissions and the Registrar's Office at the Tampa campus, this office is responsible for maintaining each student's academic record from the time of admission to degree. Therefore, virtually every USF St. Petersburg student is a consumer of services provided by the Office of Admissions & Records.

The Office of Admissions & Records staff publish and distribute the Schedule of Classes, coordinate registration and drop/add activities, process and distribute grade information each semester, prepare transcripts and diplomas, as well as certify student enrollment status. Admissions & Records staff also review and act upon student requests for reclassification of residency and process changes of name and student I.D. number.

Students interested in petitioning the St. Petersburg Academic Regulations Committee (SPARC), requesting late registration, late drop or posting of grade forgiveness will find information and forms in the Office of Admissions & Records. A form is also available to request privacy.

The Office of Admissions & Records provides information and services to students via OASIS, the University's Online Access Student Information System. Online technology services are also available over the telephone and on the Web. Using their self-declared personal identification number (PIN), students can register and drop/add, access registration appointment and hold information, and view their grades. Students can also browse the University Schedule of Classes. Information and services are continually being added for students.

Although technology is being used to provide service that is available 24 hours a day, Admissions & Records staff provide in-person information and services on campus as well as over the telephone. Records and Registration offices are also located on every USF campus.

Applying for Admission

Obtaining an Application

The USF online application is hosted on the FACTS (Florida Academic Counseling and Tracking for Students) website: <http://www.facts.org>. FACTS.org is a central web resource for students to plan and manage their higher education experience. FACTS.org includes Florida community colleges and private and public universities and is described as "Florida's online gateway for college information."

Online application instructions:

- Click the Apply Online link below to go to the FACTS.org site.
- Click the "Admissions" link in the left hand column.
- Review the Admissions Application instructions.
- Create your FACTS login.
- Choose to apply to the University of South Florida.
- Complete the online application by selecting USF St. Petersburg; then print and follow the Final Application Steps listed on the Confirmation Page.

Apply online at <http://www.facts.org>.

As part of the State University System (SUS) of Florida, USF St. Petersburg uses the common SUS Application Form for undergraduates. Applicants who are attending Florida high schools or Florida community/junior colleges may obtain the SUS Application Form in school guidance offices. The USF International Student Application for Admission, as well as the SUS Application, may be requested from the Office of Admissions & Records, BAY 102, 140 7th Avenue South, St. Petersburg, FL 33701. All of the application forms are also available on all USF campuses. (When requesting an application, please indicate applicant category - freshman, undergraduate transfer, or international student.) Applications can be requested by phone, toll-free at 877-USF-BULL or by e-mail at bullseye@admin.usf.edu. Application forms may also be downloaded from <http://www.stpt.usf.edu/admissions/application.html>.

When to Apply

Applications for admission are accepted as early as 12 months before the requested entry term. Applications for admission and the \$30.00 non-refundable application fee should be submitted by the priority date (see academic calendar) for the requested entry term or by the application deadline for the requested degree program (see specific program in this catalog), whichever is earlier. The priority date is normally about ten weeks prior to the first day of classes in each term. Applications for admission and application fees from international students (non-resident aliens) must be received at least five months prior to the requested entry term. Applications submitted after the priority date will be accepted, but processing for the requested term of entry cannot be guaranteed.

Who Should Apply

An application for admission must be submitted by all students who have not been admitted to and enrolled in a USF degree program within the last three terms. Former or continuing USF degree-seeking students must file another application for admission when applying for a second degree program, another level of study or readmission (see Readmission). Anyone who has previously been admitted and enrolled as a degree-seeking student and has paid an application fee will not be required to pay another fee.

The Director of Admissions & Records may waive payment of the application fee for disadvantaged applicants if the fee serves as a deterrent to application.

Changing Requested Term of Entry

Applicants may update their application for admission for up to one year from the originally requested semester of admission. All requests for changes of entry term must specify any academic work attempted that was not reflected on the original application and must be received by the appropriate published application deadline for the new term of entry or degree program specified, whichever is earlier. Additionally, any issues related to criminal or academic misconduct that were not reflected on the initial application must be reported in writing to the Office of Admissions & Records. A new application and fee must be submitted when applicants wish to be considered for admission for a term that begins more than 12 months after the originally requested entry term.

An applicant who requests a new entry term must meet the admissions requirements in effect for the new term requested. Entry for some programs is limited to specified terms.

GENERAL ADMISSION POLICIES**Transcripts and other admission documents**

All official transcripts, test scores, and any other required credentials must be received directly from the issuing agencies. It is the applicant's responsibility to initiate the request for credentials to the issuing agencies and to assure their receipt by the USF St. Petersburg Office of Admissions & Records. (See "Minimum Requirements for Admission" below for information concerning required documentation.)

All credentials and documents submitted become the property of USF St. Petersburg. The originals or copies of the originals will not be returned to the applicant or forwarded to another institution, agency, or person.

Provisional Admission

An applicant admitted on a provisional basis must submit the requested missing credentials, such as official final transcripts or test scores that substantiate eligibility for admission before a second registration will be permitted.

Applicants who do not meet standard Board of Education minimum admission requirements may be admitted to the University on academic probation. Students admitted on probationary status must accumulate 30 semester credits and maintain a minimum cumulative 2.0 grade point average (GPA) each term enrolled with no single term GPA below a 1.0 before the probationary status is removed. (A term GPA below 2.0 in the first term of enrollment results in permanent academic dismissal.) Advising is mandatory prior to registration. Failure to meet these conditions results in permanent academic dismissal from the University.

Non-degree Seeking Status

Performance in courses taken as a non-degree-seeking student will not qualify an applicant for admission as a degree-seeking student. Similarly, courses taken as a non-degree-seeking student will not be utilized in determining an applicant's grade point average for purposes of admission.

A non-degree-seeking (special) student who has been dismissed from USF is not eligible for admission to USF as a degree-seeking student at the undergraduate level. If extenuating circumstances contributed to the academic dismissal and the student meets other admissions requirements, a request for waiver of this rule may be submitted to the USF Faculty Committee on Student Admissions. This rule does not apply to a student who has earned a degree from a regionally accredited institution subsequent to academic dismissal.

Freshman and undergraduate transfer applicants denied admission to USF as degree-seeking students will not be permitted to enroll as non-degree-seeking (special) students.

Admission Denials

Receipt of final official credentials which fail to substantiate eligibility will result in rescission of admission, reclassification

to non-degree status, and denial of continued enrollment in subsequent terms.

An undergraduate applicant who is denied admission may be eligible to appeal and will be advised of applicable appeal procedures by the Office of Admissions & Records.

An application for admission or a residency affidavit submitted by or on behalf of a student that contains false, fraudulent, or incomplete statements may result in denial of admission, further registration and/or degrees awarded.

The University may refuse admission to a student whose record shows previous misconduct not in the best interest of citizens of the University community.

Required Summer Term Attendance

All students entering the University with fewer than 60 semester hours of college level academic work are required to earn at least 9 semester hours during one or more Summer terms prior to graduation (see Summer enrollment requirements).

CLAST Test Requirement

All undergraduate transfer students admitted to USF St. Petersburg must earn passing scores on all four sections of the College Level Academic Skills Test (CLAST) prior to receiving an A.A. certificate or baccalaureate degree from the University. Transfer students entering USF St. Petersburg with fewer than 45 transferable semester hours must take CLAST during the term in which 45 semester hours will be completed. Transfer students entering USF St. Petersburg with 45 or more transferable semester hours must take CLAST the first term it is offered after initial enrollment.

Required Orientation

Prior to beginning classes, all new undergraduate students and some former students returning are required to participate in an Orientation/Academic Advising/ Registration program at USF St. Petersburg. This program is designed to help new students become acquainted with the University, choose courses, register for classes, and complete all other necessary procedures. New students receive Orientation/Academic Advising/ Registration information after admission.

Required Proof of Immunity

Prior to registering for classes that meet on campus, all students born after 1956 are required to present documentation of proof of immunity to MEASLES (Rubeola) and RUBELLA (German Measles). (See Immunization Policy.)

Limited Access Programs

Undergraduates seeking entrance to quota/limited access degree programs must meet special program requirements in addition to requirements for admission to the University. While many quota/limited access programs admit students only at the junior level, some programs admit students for the freshman or sophomore years. The admission criteria and procedures for quota/limited access programs at USF St. Petersburg furnish equal access to A.A. degree holders from Florida public community/junior colleges, transfers from other SUS institutions, and USF St. Petersburg students of equivalent status. Transfer applicants with 90 or more transferable semester hours who are seeking admission to quota/limited access programs must meet the grade point average requirement specified by the program to be eligible for admission to USF St. Petersburg.

USF has established the following undergraduate programs as quota/limited access: Mass Communications; all degree programs in the College of Business; all degree programs in the College of Education; and all degree programs in the College of Nursing. The admissions requirements for these degree programs may be found with other program information in appropriate sections of the university-wide catalog.

Minimum Requirements for Admission

Freshman Applicants

To be considered for admission, freshman applicants must submit an SUS or USF Application for Admission, a non-refundable application fee of \$30.00, an official high school transcript, official GED scores if applicable, SAT or ACT scores, and a TOEFL score if applicable.

Although USF St. Petersburg has minimum freshman admission requirements, meeting these minimum standards does not guarantee admission. Applicants selected for admission usually exceed the eligibility requirements; however, USF St. Petersburg also considers applicants who do not fully meet minimum requirements but who have important attributes, special talents, or unique circumstances that may contribute to a representative and diverse student body. These freshman applicants are considered for admission by a faculty committee on the basis of other appropriate evidence of ability to do successful academic work at USF St. Petersburg.

For purposes of admission, USF St. Petersburg recalculates a high school grade point average (GPA) based on grades earned in all college preparatory academic courses. In recalculating a GPA, USF St. Petersburg assigns additional weights to grades earned in honors, advanced placement courses, and international baccalaureate courses.

The University normally requires a diploma from a Florida public or a regionally accredited high school or the state-approved General Education Development (GED) diploma. Students admitted under the Early Admission Programs are exempted from this requirement. Students who are participating in an approved home schooling program are expected to provide acceptable copies of annual evaluations for the equivalent of grades 9 through 12. A portfolio or additional documentation may be requested if deemed necessary to complete an appropriate evaluation for admission. Other minimum requirements are outlined below.

1. Freshman applicants must submit an official test score from the Scholastic Aptitude Test (SAT) or the American College Test (ACT).
2. For freshman applicants earning a high school diploma, the following college preparatory academic units (year-long courses or equivalents) normally offered in grades nine through twelve are required: four units of English (three of the four must incorporate substantial writing requirements); three units of mathematics (algebra I and above); three units of natural sciences (two of the three must incorporate substantial laboratory requirements); three units of social sciences (history, civics, political science, economics, sociology, psychology and geography); two units of the same foreign language; and four additional units of academic electives. Substitution for any high school unit requirement may be provided for applicants who are hearing impaired, visually impaired, dyslexic, or who have a specific learning disability. Documentation of the disability and its relationship to the substitution of a unit requirement should be submitted with the application for admission.
3. Freshman applicants who have at least a 3.6 (B+) average as recalculated by USF using all attempted academic courses are considered competitive. However, admission to the University is selective. Therefore, simply meeting requirements does not guarantee admission.
4. Criteria for admission based on a GED diploma: An overall score of at least 300 for all five tests – at least 40 on each of the five tests – an SAT I verbal and quantitative combined score of 1010 or an ACT composite score of 21. These criteria also are required for students in approved home schooling programs.
5. In the absence of the above, the University will also consider appropriate alternative evidence of academic achievement, ability, motivation, and responsibility that indicates potential for successful academic work at USF St. Petersburg.

burg.

6. A first-time-in-college applicant whose native language is not English must present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing.
7. If a student has not earned the following scores on the SAT I or the EACT, then college preparatory work will be required during the first term of enrollment at USF St. Petersburg:
SAT I - 440 verbal, 490 mathematics
or
ACT - English 17, Reading 18, Mathematics 21.

Early Admission Applicants (Freshmen)

USF provides an early admission program to meet the needs of highly capable, mature high school students. Under the early admission program, these students may enter the university as regularly enrolled, degree-seeking students prior to graduation from high school. Participation in the early admission program shall be limited to students who have completed a minimum of six semesters of full-time secondary enrollment, including studies undertaken in the ninth grade. In addition, early admission applicants should be enrolled in a strong college-preparatory curriculum while in high school. Applications for early admission will be reviewed by the Director of Admissions & Records in consultation with the Director of the Honors Programs. Students enrolled in an early admission program must take courses that are creditable toward the high school diploma and the associate or baccalaureate degree.

Students wishing to be accepted as early admissions students at USF must:

1. Have completed the equivalent of the junior year of high school, thus requiring only one additional year to complete requirements for the high school diploma;
2. Submit a completed SUS or USF application for admission and non-refundable application fee;
3. Have proof of a 1200 on the SAT I with no less than 440 on SAT I V (Verbal) and 440 on SAT I Q (Quantitative); or a 27 on the ACT with no less than a score of 17 on ACT English and ACT Reading and a score of 19 on ACT Mathematics, **and** a 3.5 high school grade point average (computed by USF) and a TOEFL score, if applicable;
4. Meet regular USF admission criteria for degree-seeking undergraduate students;
5. Submit a personal letter outlining reasons for seeking early admission;
6. Submit a signed statement of approval from high school principal or guidance counselor;
7. Submit completed Supplemental Information for Early Admission Form;
8. Submit a list of credits needed to graduate from high school;
9. Meet with Honors College Director or Academic Advisor.

Home schooled students must submit an official copy of their Letter of Intent with the student's home school district. Private school students must submit proof that their school is a regionally accredited school.

Undergraduate Transfer Applicants

Applicants with fewer than 60 transferable semester credits are considered lower-level transfers; upper-level transfers are those with 60 or more transferable semester credits (see below). Regardless of category, grade point averages (GPA) for purpose of admission will be computed based only on grades earned in courses that are acceptable for transfer credit and as calculated by USF St. Petersburg.

USF St. Petersburg accepts transfer credits only from institutions that are accredited by one of the regional accrediting agencies/commissions recognized by USF St. Petersburg at the time the credits are earned. (See Evaluation of Transfer

Credit). All credits earned during the period of time a regionally accredited institution was in a "candidacy" status for accreditation are considered for transfer credit. Credits earned at an institution that is currently in "candidacy" status will not be considered for transfer credit until such time as the awarding institution receives full regional accreditation. For an applicant applying from a non-regionally accredited school, the admissions decision will be based on prior work at a regionally accredited institution. If all post-secondary work is from a non-regionally accredited school, the evaluation will be based on the high school record and test scores, and the applicant will be regarded as a freshman for purposes of admission.

USF St. Petersburg reserves the right to evaluate specific courses and deny transfer credit. USF St. Petersburg does not award transfer credit that is determined to be occupational or vocational in nature.

Lower-Level Transfer Applicants

(with fewer than 60 transferable semester credits)

To be considered for admission, transfer applicants with fewer than 60 transferable semester credits must submit an SUS or USF Application for Admission, a non-refundable application fee of \$30.00, an official transcript from each previous college attended, an official high school transcript, official GED scores if applicable, official SAT or ACT scores, and a TOEFL score if applicable.

Lower-level transfer applicants must minimally meet the following requirements to be considered for admission in good standing; however, satisfying these minimum requirements does not guarantee admission:

1. Be in good standing and eligible to return to the last regionally accredited institution attended as a degree-seeking student;
2. Have an overall "C" average (2.0 on a 4.0 scale) as calculated by USF St. Petersburg in all college-level courses acceptable for transfer credit to USF St. Petersburg. (In the calculation of the GPA, incomplete grades are computed as failures and course "repeats" are not forgiven when the courses are repeated at different institutions.);
3. Satisfy fully all freshman admissions standards as described in the previous section entitled "Freshman Applicants." (Meeting freshman admission standards is a critical requirement for undergraduate applicants with fewer than 60 transferable credits. Board of Education rules and policies do not provide for local exceptions to these requirements.);
4. Complete (with passing grades) two years of the same foreign language in high school or 8 to 10 semester hours of the same foreign language at the post-secondary level (as required by Florida Statute 240.233);
5. Present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL) if the applicant's native language is not English. The TOEFL requirement may be waived on an individual basis when alternative evidence of English proficiency is presented in writing.

USF St. Petersburg also considers applicants who do not fully meet the minimum requirements as stated in #1 and #2 above but who have important attributes, special talents, or unique circumstances that may contribute to a representative and diverse student body. These undergraduate transfer applicants are considered for admission by a faculty committee on the basis of other appropriate evidence of promise for academic success. These applicants should also submit appropriate alternative evidence of academic achievement, ability, motivation, and responsibility that supports potential for academic success at USF St. Petersburg.

Upper-Level Transfer Applicants

(with 60 or more transferable semester credits)

To be considered for admission, transfer applicants with 60

or more transferable semester credits must submit an SUS Application for Admission, a non-refundable application fee of \$30.00, an official transcript from each previous college attended, and a TOEFL score if applicable.

Any transfer student with 90 or more semester hours who indicates a desire for admission to a limited access undergraduate program must meet the overall admission GPA criteria of that program in order to be admitted to the University.

Applicants with Associate of Arts (A.A.) degrees from Florida public institutions will be admitted as juniors into the University within curricular, space, and fiscal limitations. A.A. degree holders seeking admission to quota/limited access degree programs must also meet all requirements specified by the desired program. The admission of Florida community/junior college A.A. transfer students is governed by the articulation agreement between state universities and public community colleges in Florida.

Undergraduate transfer students who have not earned the A.A. degree from a Florida public institution or who have attended another college after receipt of the A.A. must meet the minimum requirements listed below to be admitted in good standing:

1. Be in good standing and eligible to return to the last regionally accredited institution attended as a degree-seeking student;
2. Have an overall "C" average as calculated by USF St. Petersburg (2.0 on a 4.0 scale) in all college-level courses acceptable for transfer credit to USF St. Petersburg. (In calculation of the GPA, incomplete grades are computed as failures and course "repeats" are not forgiven when the courses are repeated at different institutions.);
3. Complete (with passing grades) two years of the same foreign language in high school or 8 to 10 semester hours of the same foreign language at a previous college or university (as required by Florida Statute 240.233). Students who entered a Florida public community/junior college prior to August 1, 1989, and maintain continuous enrollment until the time of their USF St. Petersburg entry as degree-seeking students may be admitted without the required foreign language study;
4. Meet the minimum grade point average required by the program if entering a quota/limited access program and transferring 90 or more semester hours;
5. Present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing.

USF St. Petersburg also considers applicants who do not fully meet the minimum requirements as stated in #1 and #2 above but who have important attributes, special talents, or unique circumstances that may contribute to a representative and diverse student body. These undergraduate transfer applicants are considered for admission by a faculty committee on the basis of other appropriate evidence of promise for academic success. These applicants should also submit appropriate alternative evidence of academic achievement, ability, motivation, and responsibility that indicates a potential for academic success at USF St. Petersburg.

Students Entering the Florida Community College System and Planning to Finish their Degrees at USF St. Petersburg

High school graduates planning to start their college education at a Florida community college should confer with the community college counselor and ask that their academic program be planned with the assistance of the USF St. Petersburg Undergraduate Catalog. This catalog explicitly describes the undergraduate program requirements and Florida's common prerequisites that should be followed to ensure maximum ease of transfer into the students' upper-level programs on a par with their native USF St. Petersburg counterparts.

Students Entering the Florida Community College System and Planning to Finish their Degrees in the State University System

An articulation agreement, in effect since April 13, 1971, and later adopted by the Florida Legislature in statute form as Florida law, governs an effective and orderly transfer of Florida community college students into the State University System (SUS).

The agreement defines and establishes the Associate of Arts degree from a Florida public community/junior college as the basis for all articulation rights. Among these guarantees, the following are central to the transfer process:

1. A.A. graduates will be granted admission to a university within the SUS but not necessarily to the university or program of choice.
2. A.A. graduates will have the same opportunity to enroll in a university limited access program as the native university student.
3. Upon transferring to a public university in the Florida SUS, A.A. graduates will be awarded at least 60 credit hours towards the baccalaureate degree, exclusive of occupational courses and basic required physical education courses.
4. Credits that are part of the A.A. degree earned through articulated acceleration mechanisms, such as dual enrollment, international baccalaureate, early admission, advanced placement, and credit by exam, will be transferable to the state university.
5. As participants in the Statewide Course Numbering System, receiving institutions must accept all courses taken at the transfer institution if the courses at each institution have the same prefix and the same last three digits of the course number.
6. The university catalog in effect the year the A.A. degree student first enrolled at the community college will remain in effect for the student's entire program, provided the student maintains continuous enrollment as defined in that catalog.
7. Once a student has completed the general education core and this fact is noted on the transcript, regardless of whether or not an A.A. degree is awarded, no other state university or community college to which the student may transfer can require additional courses to the general education core.

Included in these transfer guarantees is the right of appeal. Students may appeal to the university and to the Statewide Articulation Coordinating Committee. Students who have questions or want more information about the articulation agreement should contact the Academic Advising Office.

Evaluation of Transfer Credit

1. The receipt and evaluation of transfer credit is the responsibility of the Office of Admissions & Records. The Office of Admissions & Records will evaluate the acceptability of total credits transferable to the University. The college of the student's major will assign equivalent courses in determining which courses are applicable toward a specific degree at the University. In some instances, exact course equivalents will also be determined by other colleges that offer the same or similar courses as part of their programs of study. Transfer students should be prepared with personal copies of their transcripts of all past course work to discuss advisement and placement with the appropriate academic advisor and should contact the college of their major soon after registration so that an official evaluation may be completed.
2. USF St. Petersburg will accept credits only from those institutions accredited by one of the regional accrediting agencies/commissions* at the time the credits are earned. (See * below for agencies recognized by USF St. Petersburg.) All credits earned during the period of time a regionally accredited institution was in a "candidacy" status for accreditation are considered for transfer credit. Credits

earned at an institution that is currently in "candidacy" status will not be considered for transfer credit until such time as the awarding institution receives full accreditation.

3. USF St. Petersburg reserves the right to deny credit for specific courses. USF St. Petersburg does not award transfer credit from institutions that it determines to be occupational or vocational in nature.
4. Associate of Arts (A.A.) degree holders from Florida public accredited institutions will be considered as having met USF St. Petersburg general distribution requirements and are automatically awarded 60 semester hours of credit. A course-by-course transfer credit evaluation will be done for all out-of-state and private in-state A.A. degree holders.
5. Effective Fall Quarter 1976, all courses from a Florida community college/university bearing the same State Common Course prefix and last three numbers as a USF St. Petersburg course are automatically transferred, and transfer students may not be required to repeat these courses, unless a college age-of-record policy is involved. Excluded are graduate courses, studio courses in art, internships, practica, and performing arts courses such as dance, theater performance, voice, and instrumental music.
6. Virtually all USF St. Petersburg baccalaureate degrees require that at least 60 semester hours be earned from a baccalaureate-granting institution regardless of credit hours transferred from a community/junior college unless the student has received prior approval for waiver of this policy from the college of his/her intended major. This policy does not affect approved articulated programs based on the A.S. degree. For information regarding specific articulated A.S. degree programs, consult the USFSP Office of Prospective Student Outreach.
7. Credit will not be awarded for GED tests.
8. Military service school courses will be evaluated with reference to the recommendation of the American Council of Education when official credentials have been presented. Such recommendation, however, is not binding upon the University.
9. For ROTC and military science courses taken after Fall Quarter 1975, the maximum credit will vary with each college. A student must confer with his/her college advisor to determine the acceptability for his/her major. ROTC and military science taken prior to Fall 1975 are not acceptable for transfer credit.
10. A maximum of 45 semester hours of College Level Examination Program (subject and general examinations) credits can be accepted for transfer credit.
11. A maximum of 30 semester hours of extension, correspondence, and military service education credits can be applied toward a degree.
12. Grades earned in transferred courses are not computed in the student's USF GPA except for the purposes of admission to limited access programs, the awarding of honors at graduation, and class ranking of baccalaureate students.
13. International credentials must be evaluated by an independent evaluation service, with associated costs to be paid by the student.
14. A continuously enrolled USF St. Petersburg degree-seeking student must obtain prior written approval from the college of the student's major in order for courses taken at other regionally-accredited institutions to be applied to the USF St. Petersburg degree program.

*Accrediting Agencies/Commissions:

- New England Association of Schools and Colleges, Commission on Institutions of Higher Learning
- Middle States Association of Colleges and Secondary Schools, Commission on Higher Education
- North Central Association of Colleges and Schools; Northwest Association of Schools and Colleges
- Southern Association of Colleges and Schools, Commission on Colleges
- Western Association of Schools and Colleges, Accrediting

Commission for Senior Colleges and Accrediting Commission for Junior Colleges.

International Applicants (non-resident aliens)

To be considered for admission, international applicants (non-resident aliens) must submit a USF St. Petersburg International Student Application for Admission, a non-refundable application fee of \$30.00 payable in U.S. dollars, a TOEFL score if applicable, a Statement of Financial Responsibility, undergraduate or graduate admissions test scores as specified for appropriate applicant category, transcripts showing subjects and grades from the first year of secondary work to the time of application, and a Visa Clearance Form (if currently in the U.S.). Transcripts in a language other than English must be accompanied by a certified English translation.

International credentials must be evaluated by an independent evaluation service, with associated costs to be paid by the student. Information about recommended and approved independent evaluators is available from the Office of Admissions & Records.

An international applicant (non-resident alien) must meet all admission requirements for the appropriate applicant category (freshman, undergraduate transfer, graduate).

Other minimum requirements are as follows:

1. An international applicant whose native language is not English must present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing.
2. International applicants must be in good standing at the last institution attended.
3. International applicants must submit the USF St. Petersburg Financial Statement substantiating availability of financial resources sufficient to cover all educational, maintenance, and personal expenses while attending USF St. Petersburg, without financial assistance from the University.
4. International applicants seeking admission to limited access undergraduate degree programs must also meet all requirements specified by the program.

Non-Degree-Seeking Transient Applicants

An undergraduate transient student is one who comes to the University from another regionally accredited institution and wishes to take courses at USF St. Petersburg for one term only before returning to the parent institution. Transient students may enroll at USF St. Petersburg as non-degree-seeking students. (See Non-Degree-Seeking Students.)

Non-Degree-Seeking Student

Non-degree-seeking student enrollment is on a space-available basis and has been established for those individuals who, while not desirous of earning a degree, would like to enroll in all levels of university courses. Teachers needing to take courses for certification purposes, high school students (with the permission of their respective guidance counselor), individuals desirous of taking courses for self enrichment, and senior citizens are examples of those eligible to utilize this enrollment method. Former USF undergraduate degree-seeking students may only enroll as non-degree-seeking students if they have completed their previous degree program or earned an equivalent degree at another institution. Should the latter be the case, an official transcript (reflecting the degree) from that institution must be sent to the Office of Admissions & Records (Attention: Student Records Area) prior to registration.

Individuals enrolling as non-degree-seeking students who plan to make formal application to the University may not apply more than 14 semester hours toward an undergraduate degree.

Applicants denied admission to USF as degree-seeking

undergraduates may not enroll as non-degree-seeking students. Performance in courses taken in this category will not qualify an applicant for admission as a degree-seeking student.

A non-degree-seeking student who has been dismissed from USF is not eligible for admission to USF St. Petersburg as a degree-seeking student at the undergraduate level. If extenuating circumstances contributed to the academic dismissal and the student meets other admissions requirements, a request for waiver of this rule may be submitted to the Faculty Committee on Student Admissions. This rule does not apply to a student who has earned a degree from a regionally accredited institution subsequent to academic dismissal.

Non-degree-seeking students are subject to the same academic policies as undergraduate degree-seeking students and must adhere to deadline dates published in the University Schedule of Classes. Non-degree-seeking students are not eligible to receive University honors or participate in the USF St. Petersburg/Florida Public Community College cross-registration program.

Non-degree-seeking students also are not eligible to receive financial aid. Non-degree-seeking students are subject to the academic probation and dismissal policy listed in this catalog. Non-degree seeking students who are academically dismissed from the University may appeal to the Academic Regulations Committee (ARC) through the ARC representative for the appropriate academic unit in which the student is pursuing courses. Potential non-degree-seeking students should also refer to the section of the catalog of the college(s) offering the course(s) of interest to them to determine whether any special college requirements exist that must be met prior to enrolling.

NOTE: Prior to registration for classes that meet on campus, all students less than 40 years of age must submit acceptable proof of immunity to rubella to the Student Health Service. Students born after December 31, 1956, must also submit proof of immunity to measles. (See Immunization Policy.)

Readmission (Former Students Returning)

A former student returning (FSR) is any degree-seeking undergraduate student who has not earned his/her degree, who has not been enrolled at USF in any of the last three terms, and who wishes to re-enroll in the University. Former students returning must be readmitted to the University. In order to be considered for readmission, a former student should file a new Application for Admission with the Office of Admissions & Records by the deadline indicated in the Academic Calendar for the term of requested re-entry. A new application fee is not required. (Former College of Education majors must contact the College of Education Advising Office for additional readmission requirements.)

To be readmitted, a student must meet the following requirements:

1. Be eligible to return to USF St. Petersburg;
2. Be in good standing and eligible to return to the last institution attended as a degree-seeking student; and
3. Have achieved a GPA of at least 2.0 as calculated by USF St. Petersburg on a 4.0 scale on all college-level academic courses attempted at institution(s) attended since last enrolled at USF St. Petersburg.

Students who have attended one or more institutions since their last enrollment must request official transcripts of all work attempted at the other institution(s) be sent to the USF St. Petersburg Office of Admissions & Records. Acceptability of transfer credits toward completion of USF St. Petersburg degree programs will be determined by the college of the student's major.

Prior to registering for classes, former students returning who have been readmitted are required to participate in an orientation program. Former students returning will receive orientation information after readmission.

Transient students and non-degree-seeking students are not considered former students returning. These students who wish to enter as degree-seeking students must file an application with the Office of Admissions & Records prior to the deadline listed in the Academic Calendar for the requested term of entry. Former USF students who have earned the baccalaureate degree at USF St. Petersburg or at another institution and who now wish to return to USF St. Petersburg to earn another undergraduate degree must file an Undergraduate Application for Admission with the Office of Admissions & Records. No application fee is required. A student may not work on a second undergraduate degree if he/she has been accepted into a graduate program.

NOTE: Prior to registration for classes that meet on campus, all students less than 40 years of age must submit acceptable proof of immunity to rubella to the Student Health Service. Students born after December 31, 1956, must also submit proof of immunity to measles. (See Immunization Policy.)

Evening Courses

The admission requirements and achievement levels in the day and evening courses are the same. Any student accepted to the University may enroll in any appropriate courses offered in the evening.

Senior Citizen Tuition Waiver*

Florida residents who are 60 years of age or older by the first day of a respective semester/term may enroll in certain undergraduate or graduate courses, on a space-available basis, without paying tuition. Academic credit is not awarded, examinations are not required, and grades are not given.

SPECIAL PROGRAMS

Honors Program

Superior students in all majors may avail themselves of Honors opportunities at USF St. Petersburg. University Honors Four Year Track is designed for first-time-in-college students. University Honors Two Year Track is designed for transfer or upper-level students. These exciting experiences are grounded in the liberal arts tradition and intended for students regardless of major. The primary goals of University Honors are the development of critical thinking skills, an appreciation of the liberal arts tradition, and the development of creative, independent thought. Students in the Honors Program are required to complete a senior honors thesis.

Potential University Honors students are actively recruited, but any interested student who feels that he/she is qualified may request admission. Students typically have 3.50 college GPAs and 1200 SAT or 27 ACT scores. Many scholarships are available for Honors students.

Students who satisfactorily complete Honors and graduate with at least an overall GPA of 3.3 and a USF GPA of 3.3 shall be identified as Honors Graduates at Commencement as well as on their diplomas and transcripts.

The program involves our best and brightest students in challenging seminar courses with a strong orientation toward interdisciplinary perspectives on major issues and works.

They work closely with faculty members in planning, researching, and writing honors theses. The Honors Program gives students the opportunity to achieve scholastic distinction, and perfect their critical thinking skills and their oral and written expression.

Opportunities for Accelerated Progress Toward Undergraduate Degrees

USF St. Petersburg provides several options by which students may accelerate their progress toward completing the baccalaureate degree. These options recognize knowledge that has been acquired prior to or during attendance at USF St.

Petersburg and provide the opportunity to earn University credit. Options that may be used include the following:

1. Recognition of satisfactory performance on tests offered through the College Level Examination Program (see CLEP).
2. Recognition of satisfactory performance on tests offered through Advanced Placement Programs of the College Entrance Examination Board (see Advanced Placement Credit Programs).
3. Recognition of the International Baccalaureate Diploma Program. Students who earn the IB Diploma will be awarded 30 semester hours of college credit and sophomore standing. Credit for higher level exams with a score of 5 or higher may be awarded to those students who do not earn the IB diploma.
4. Educational Outreach courses by television.

Credits may be earned through a combination of the above options. Students should contact their college advisors for further information concerning the application of this credit toward their degree requirements.

Internal processes (such as auditions, portfolio reviews, and placement tests) utilized in the various departments for the sole purpose of determining a student's most appropriate area, level, or section placement in a program of study are not to be construed as examining mechanisms for the granting of credit.

Dual Enrollment

The University of South Florida St. Petersburg is piloting a Dual Enrollment Program with St. Petersburg High School starting in the fall of 2004. Dual enrollment classes are open to academically qualified St. Petersburg High School students who are recommended by their guidance counselor or principal. During dual enrollment, students may only take courses that are creditable toward their high school diplomas.

St. Petersburg High School students wishing to be accepted as Dual Enrollment students at the University of South Florida St. Petersburg **must**:

1. be at least 16 years old at the start of the term;
2. have completed their sophomore year;
3. achieve a grade point average of 3.0 or higher on a 4.0 scale;
4. satisfy any course prerequisites;
5. present acceptable SAT or (E)ACT scores;
6. present acceptable TOEFL scores, if applicable
7. obtain a written letter of permission from the school principal or his/her representative.

Additional information about Dual Enrollment can be obtained by contacting the University Office of Prospective Student Outreach at 727-553-1002.

USF St. Petersburg/Florida Public Community College Cross Enrollment

Some undergraduates may find it advantageous to cross enroll at a Florida public community college while attending USF St. Petersburg. *To prevent problems with financial and other registration issues, see a USF St. Petersburg academic advisor for detailed instructions and course approval.* Procedures to permit this type of registration are available during specified times printed in the University Schedule of Classes. Credit hours for the course(s) taken at the host institution will apply toward graduation only if prior approval was received from the student's USF St. Petersburg advisor. The grade point average will not transfer to USF St. Petersburg.

USFSP Transient Students

USF St. Petersburg degree-seeking students who wish to enroll at another regionally accredited institution **MUST HAVE PRIOR WRITTEN APPROVAL** from their college academic advisor to receive credit for courses taken. The transient student/cross enrollment form should be used for this purpose.

FINANCIAL INFORMATION

Florida Residency For Tuition Purposes

This notice summarizes the provisions of 240.1201 Florida Statutes, BOR Rule 6C-7.05 and University Policy/ Procedure concerning Florida residency for tuition purposes.

In determining residency classification, students fall into one of two categories. They are either (1) *independent students* (students *not* claimed on parent's or legal guardian's federal income tax statement or whose parents do not provide 50% or more of their support) or (2) *dependent students* (students, regardless of age, who are claimed as dependents by parent or legal guardian on federal income tax statement or whose parents provide 50% or more of their support).

The law basically requires that a U.S. citizen/permanent resident alien/independent student or a dependent student's parent/legal guardian has established and maintained a *LEGAL* Florida residence for at least twelve (12) months before the first day of classes of the term for which Florida residency status is sought.

USF St. Petersburg is required to obtain documentation of 12-months legal residence before a student is classified as a Florida resident for tuition purposes. A student is required to request Florida residency in writing and submit supporting documents no later than the fifth day of classes in the term for which classification is sought.

The following is acceptable, nonconclusive evidence of the establishment of a legal residence in Florida. At least one such document must be dated/issued at least 12 months before the first day of classes of the term for which Florida residency is sought.

1. Proof of purchase of permanent home in Florida.
2. Declaration of Domicile.
3. Florida's driver's license.
4. Florida voter's registration.
5. Florida vehicle registration.
6. Florida vehicle title.
7. Professional/occupational license in Florida.
8. Florida incorporation or other evidence of legal residence in Florida.
9. Full-time, non-temporary employment in Florida.

PLEASE NOTE: Rent receipts, leases, employment records, tax returns, school/college records are **NOT** evidence of establishing a legal Florida residence. Students who are dependent on out-of-state parents or who come to Florida for educational purposes are generally ineligible for reclassification to Florida status. In rare cases, the law allows some students (e.g., military, public school teachers, etc.) who do not meet the basic requirements to be classified as Florida residents for tuition purposes. For more information about exceptional categories, contact the Office of the Admissions & Records.

Fees

The levels of the Activity and Service Fee, the Health Fee, and the Athletic Fee are determined on each campus by a student fee committee appointed by the President of the University and the Student Government President. The committee includes USF St. Petersburg faculty and students with the majority of the committee being students. The fees may be reviewed on a yearly basis. The following fee schedule applies to all USF St. Petersburg students.

Registration fees are assessed in accordance with University Board of Trustees rules. **All fees are subject to change without prior notice. The University will make every effort to advertise any such changes if they occur.**

1. Initial Application Fee

There is a non-refundable application fee of \$30. Checks or money orders must be made payable to USF. Applications received without the application fee will not be processed until the appropriate fee is received.

2. Tuition

Schedule/Fee Statements are no longer mailed. Tuition is due by the fifth day of each term. To find out the amount of the *total* tuition due (the amount will not reflect any payments made on the account), students can bring a photo ID to the Office of the Registrar, located in the lobby of Bayboro Hall, and request a Registration Confirmation which will reflect total tuition and fees.

The student is responsible for paying fees in full by the appropriate due date stated in the particular term's Schedule of Classes. Failure to do so may result in cancellation of the student's registration. Fees paid by mail must be postmarked by the post office, *not* office metered, on or before the fifth day of the term. Checks are payable to USF St. Petersburg.

To avoid a \$100.00 late payment fee, all tuition fees must be paid or postmarked by the U.S. Post Office, not office metered, by the fifth day of the term. The University cannot be responsible for lost or misdirected U.S. Postal Service mail. A student whose registration has been cancelled may request registration reinstatement through the fourth week of class for the academic term. Upon approval for reinstatement, all fees and other debts owed to the University must be paid in full by cash, money order, or cashier's check before reinstatement will be effected.

a. Tuition Fee Structure

Please refer to the current Schedule of Classes for course-fee information.

NOTE: There is no ceiling (maximum) on the amount that a student may be assessed for a single term.

A lab fee of \$8.00 to \$15.00 is charged for certain courses. Please consult your Schedule of Classes to locate the courses that require the fee and the amount of the fee that applies to the course.

Students who *only* register for a co-op assignment must pay a minimum of one (1) hour at the level of the co-op assignment.

Cashier's Office Hours - Regular Registration – See regular registration dates and times in "Schedule of Classes." Regular Cashier's Office hours are Monday through Thursday from 8:00 a.m. – 6:00 p.m. and Friday from 8:00 a.m. - 5:00 p.m.

Tuition fee payment should be mailed to:

Cashier's Office
University of South Florida St. Petersburg
140 7th Avenue South, BAY 132
St. Petersburg, Florida 33701

* Fees do not include books, on-campus seminars, housing, or food service and may change without notice.

b. Off-Campus College of Education Courses

Students enrolling for off-campus (Continuing Education) courses will be assessed fees according to the Tuition Fee Structure "a" above. Continuing Education courses are designated by the "700 series" section number. The Schedule of Classes, which is printed each semester, should be used as a reference for updated information.

3. Late-Registration Fee

All degree-seeking students who initiate (i.e., those students who have not enrolled for any courses during early or regular registration) their registration during the late-registration period will be automatically assessed a \$100.00 late-registration fee.

4. Financial Aid Disbursement

Upon satisfaction of eligibility criteria, financial aid will be credited to student accounts after the drop/add period is over. Monies in excess of charges will be mailed to students' local addresses.

5. Cancellation for Non-Payment of Fees

Students not on an authorized deferred payment of fees and who have not paid their tuition fees in full by a specified day (per

Schedule of Classes) will have their registration for that term cancelled. This means, specifically, that a student will receive no credit for any courses taken during that term.

6. Intern Participation Certificate

Individuals who have supervised interns may register for courses during a term by presenting their Intern Participation Certificate. Prior to July 1, 1997, the Intern Participation Certificate stated that all fees were waived with the exception of the Bond and Trust Fee that was \$4.76 per credit hour. Certificates were valid for five years from the date of issuance.

The new Intern Participation Certificate effective July 1, 1997, states that certificate holders are entitled to a waiver of *only matriculation fees* for a maximum of six (6) credit hours instruction during a single term. Certificates are valid for three years from the date of issuance.

Fees must be paid or postmarked by the U.S. Post Office (not office metered) by the fifth day of the term. The University cannot be responsible for lost or misdirected U.S. Postal Service mail.

7. Staff Employee Waivers

The University has developed a new program to provide a successor to the former tuition waiver benefit. Please check with Human Resources regarding this benefit.

8. Tuition Deferment for VA Students

Students receiving VA benefits who have applied in writing no later than the date specified in the Schedule of Classes for the deferment in Veterans Services have until a specified date (see *Schedule of Classes*) to pay tuition in full.

9. Florida Prepaid College Program

Students who are eligible to receive benefits under this program are responsible for the local portion of fees. For 2005/2006 credit hour fees please check with the cashiers office.

This fee must be paid or postmarked by the fifth day of the term to avoid cancellation of registration or a \$100.00 late payment fee.

10. Mailed Payments

To avoid cancellation of registration or a \$100.00 late payment fee, all fee payments must be postmarked, by the US Post Office (not office metered), by the applicable fee payment deadline listed in the Academic Calendar.

11. Returned Registration Checks

A student's current registration is subject to cancellation if the check presented in payment of those fees is returned to the University unpaid. Dishonored fee payment checks must be redeemed within 10 calendar days to avoid cancellation of a student's current registration. **A \$100.00 late payment fee and a \$25.00 administrative charge will be assessed on any registration check returned unpaid to the University.**

Refund of Tuition/Fees Payment Release of Tuition/Fees Liability

The following refunds, less deductions for unpaid debts to the University, are authorized. A Refund Request form must be completed and presented to the Cashier's Office, BAY 132, to initiate the refund process. A two-week waiting period is observed for each refund to be sure checks have cleared.

100% of registration fees and tuition will be refunded if notice of withdrawal from the University is approved prior to the end of drop/add period and written documentation is received from the student.

25% of registration fees and tuition paid, less building and capital improvement fees, will be refunded if notice of withdrawal from all courses from the University is approved prior to the end of the fourth week of classes (summer term is prior to the end of the third week of classes) and written documentation is received from the student.

Fee Adjustment Request After Fifth Day of the Term

Effective January 1989, USF St. Petersburg approved a refund of 100% of the tuition and registration fees if a student withdraws or drops a course due to circumstances determined

by the University to be exceptional and beyond the control of the student. Requests for fee adjustments must meet one of the conditions below to be considered.

100% of registration fees and tuition will be refunded when a student withdraws or drops a course due to circumstances determined by the University to be exceptional and beyond the control of the student, including but not limited to:

(1) Illness of a student of such severity or duration, as confirmed in writing by a physician, to preclude completion of the course(s),

(2) Death of the student or death in the immediate family (parent, spouse, child or sibling) as confirmed by documentation indicating the student's relationship to the deceased,

(3) Involuntary call to active military duty,

(4) A situation in which the University is in error as confirmed in writing by an appropriate University official,

(5) Other documented exceptional circumstances beyond the control of the student that precluded completion of the course(s) accompanied by letter of explanation and appropriate documentation.

Students who receive financial aid and subsequently change their enrollment status resulting in a refund in accordance with this subsection may have all or a portion of their refund returned to the University's financial aid programs in accordance with the Financial Aid Policy on Refunds and Repayments.

Payment of Accounts Due the University

Charges against students for loss or breakage of University equipment, books, fines and other charges are due immediately. Delinquent accounts may be considered sufficient cause for cancellation of registration. University regulations prohibit registration or release of transcript, diploma, or grades for any student whose account with the University is delinquent. Payments should be brought to the Cashier's Office, BAY 132, by the appropriate deadline.

Financial Aid

Location/phone: USF St. Petersburg: BAY 105, (727) 553-4128
Office Hours: Monday through Thursday, 8 a.m. to 6 p.m.

and Friday, 8 a.m. to 5 p.m.

Web Address:

<http://www.stpt.usf.edu/enrollment/finaid/index.htm>

In addition to finding a wealth of information on the Web regarding your financial aid, you can apply for aid and monitor your aid application at USF St. Petersburg via the Financial Aid Web: <http://www.stpt.usf.edu/enrollment/finaid/index.htm> and via OASIS: <http://usfonline.admin.usf.edu/>.

Complete and submit the FAFSA online at <http://www.fafsa.ed.gov>. Be sure to list USF St. Petersburg, school code #001537, as a school to receive your information.

Since many programs are funded on a limited basis, it is to your advantage to apply early. Priority application dates and detailed information regarding financial aid are provided each year in the Financial Aid Handbook and on our Web site. Conduct a nationwide scholarship search: <http://www.fastweb.com/> and check out USF St. Petersburg's scholarship information.

The Office of Financial Aid communicates important information regarding your aid via e-mail throughout the year. Therefore, it is extremely important that you ensure that your current e-mail address is in OASIS.

A tuition deferment prevents cancellation of registration for non-payment of fees and temporarily prevents assessment of the late payment fee. Since financial aid is disbursed after drop/add, check OASIS to see if you have a tuition deferment prior to the start of each term (<http://usfonline.admin.usf.edu>). If you have a tuition deferment, avoid paying a late payment fee by paying your tuition as soon as financial aid is available, or by the deferred payment deadline, whichever comes first. Most financial aid is disbursed through your student account and is

applied to tuition and other charges posted to the account before a check is issued for any remaining balance. Since tuition deferment prevents cancellation for non-payment, you must officially withdraw from all classes by the refund deadline to be relieved of liability to pay and to ensure that tuition is not later paid by disbursed financial aid. For further information regarding deferments go to <http://usfweb.usf.edu/finaid/>, at the bottom of the page, click on "Deferments & Bookstore Advance."

Short-term loans are also available for limited use. The deadline for deferred tuition payment and details about short-term loans are printed in the *Schedule of Classes*. Because we are required by federal regulations to verify the last date of attendance in classes, at the end of each semester, the Office of Financial Aid mails letters to financial aid recipients who appear to have unofficially withdrawn. (Your semester grades are all F, U, or I.) Your last date of attendance may be considered the last date you submitted an assignment or took an exam, or your last date of actual attendance in classes. This letter requires a response within 14 days, or it will be assumed you did not attend beyond the 50% point of the term. This may require you to repay a portion of federal financial aid received.

Academic Scholarships

Academic scholarships are administered by a number of different offices within the University.

The Office of Admissions administers a variety of different scholarships for first-time-in-college students. All first-time-in-college students interested in academic and minority scholarships should contact the Admissions Office directly.

The Office of Adult and Transfer Student Services administers a variety of different scholarships for transfer students. All transfer students interested in academic and minority scholarships should go to <http://www.atss.usf.edu/> the Office of Adult and Transfer Student Services website.

All financial aid applicants are automatically considered for grants administered through the Office of Financial Aid, if applications are completed by the priority application dates published each year in the Financial Aid Handbook.

The individual colleges of USF (the College of Arts & Sciences, the College of Business, and the College of Education) administer some scholarships directly through the Dean's Office in each college. New students and transfer students are advised to contact the USF Admissions Office first, and then the individual colleges regarding scholarship opportunities.

USF St. Petersburg also offers scholarships to St. Petersburg campus students. The deadline usually is the first business day of March each year. Contact the Office of Financial Aid at USF St. Petersburg or go to the website at <http://www.stpt.usf.edu/enrollment/finaid/index.htm>.

Veterans Services

Department of Veterans Affairs (VA) Benefits

USF St. Petersburg is approved for the education of veterans, eligible dependents, members of the selected reserve, and active-duty personnel who are eligible for benefits under public laws now in effect. All degree programs currently offered at USF St. Petersburg are approved by the state approving agency.

Students who may be eligible for benefits are urged to contact Veterans Services for information, procedures, and forms as early as possible. To initiate, change, or renew benefits at USF St. Petersburg, a request must be submitted through that office.

To be eligible for full-time VA benefits at USF St. Petersburg, undergraduate students must enroll for 12 or more semester hours, and graduate students must enroll for 9 or more semester hours each normal academic term.

VA regulations require that students take only courses that are applicable to their degree program or other approved program and make satisfactory progress toward their degree.

Students should consult the "Handbook for VA Students" by logging on to USF St. Petersburg Veterans Services web site: <http://usfweb.usf.edu/vetserve> for information on various programs/services, and VA rules and regulations. Under no circumstances will the VA pay benefits to a student taking a course by audit. *It is the student's responsibility to inquire concerning all VA rules and regulations and to report any change in number of registered hours, change of majors, or adding a double major and/or minor which affects his/her benefits.* Additionally, VA benefits will be terminated for students who are dismissed for academic or disciplinary reasons and can only be reinstated after academic counseling.

Veterans with a service-connected disability approved for benefits under Chapter 31 may contact the Office of Student Financial Services no earlier than one week prior to the start of classes for a book and supplies voucher. Other VA benefits include additional amounts of compensation and pension, which may be payable to eligible veterans and widows or widowers of veterans for the enrollment of dependent children. The students, parents, or guardians are responsible for notifying the VA Regional Office directly of enrollment and termination of enrollment. The VA toll-free number is 1-888-442-4551.

*See "Resident Status," above

University Police

The USF St. Petersburg Police Department provides a full range of public safety services to the campus community 24 hours a day, 7 days a week. All University Police officers are certified by the State of Florida. The USF St. Petersburg Police Department is accredited through the Commission for Florida Law Enforcement Accreditation, Inc. Accreditation is the certification by an independent reviewing authority that an entity has met specific requirements and prescribed standards, and has long been recognized as a means of maintaining the highest standards of professionalism.

General services provided by the University Police include car patrol, foot patrol, bicycle patrol, criminal investigation of all misdemeanors and felonies, traffic law enforcement, traffic crash investigation, special events management, and crime prevention programs.

The University Police Department has an excellent working relationship with all local law enforcement agencies. The University Police maintain 24-hour contact with local, national, and international law enforcement agencies via computer networks such as the Florida Crime Information Center and the National Crime Information Center. The Florida Department of Law Enforcement and other local, state, and federal agencies are available to assist the University Police upon request.

University Police Department Location:

The USF St. Petersburg Police Department is located near the intersection of Fifth Avenue South and Second Street South. The emergency number is "1-9-1-1" and the non-emergency number is (727) 553-4140.

Victims' Advocacy Program

Location: DAV 115

Hours: 9 am – 6 pm Mondays, Wednesdays, Thursdays; 9 am – 8 pm Tuesdays (during Fall and Spring Semesters); 8 am – 5 pm Fridays.

This service is coordinated by the Counseling & Career Center at USF St. Petersburg. The service is available to assist all USF students or employees who are victims of actual or threatened violence, including but not limited to battery, assault, sexual battery (date, acquaintance or stranger rape), attempted sexual battery, stalking, or sexual harassment. The victim advocate provides information, support and guidance including short-term crisis intervention, assistance through the campus judicial process, referral to community-based victim assistance programs, help in resolving academic prob-

lems resulting from victimization, and referral for necessary counseling, medical, legal and social service assistance.

Advocates are available during regular office hours to provide crisis intervention, options, assistance and referrals. Police reports are not necessary to receive services from an advocate, and services are free and confidential.

Important numbers:

St. Petersburg Police Emergency	911
USF St. Petersburg Police	(727) 553-4140
USFSP Victim Advocate	(727) 553-4129
Pinellas County Rape Crisis Line	(727) 530-7233
Domestic Violence Crisis Line	
South County: CASA	(727) 898-3671
North County: The Haven	(727) 442-4128
Emergency Mental Health	(727) 791-3131

ACADEMIC SERVICES

Academic Advising Center

Location/phone: DAV 134, (727) 553-4511

The Academic Advising Center is dedicated to promoting the successful achievement of students' academic goals through comprehensive advising services. The Center's primary responsibility is to provide academic advising to undergraduate students. The following services are provided to undergraduate students: assistance regarding academic policies and procedures, completion of requirements for graduation, selection of a major, course registration, preparation for limited access programs, and special programs for at-risk students.

Parking and Transportation

Do you have to have a parking permit?

Parking permits are required for all vehicles parking at USF St. Petersburg 24 hours a day, 7 days a week. Each person may purchase only one vehicle permit (additional permit for motorcycle and/or bicycle are allowed). Permit campus designation is based on home campus/class location. Parking permit fees vary based on parking lot location. If you don't have a permit, you must park at a metered parking space. For additional permit information, call 553-4510.

Do visitors need a parking permit?

Yes. Effective August 1, 1999 a daily parking fee of \$2.00 for a daily permit was implemented. The Fee is applicable to visitors and event attendees who park in campus lots, or visitors can choose metered parking during their visit.

How do you obtain a permit?

Parking permits may be purchased at the Cashier's Office located in Bayboro Hall. The hours of operation are Monday through Thursday from 8:00 a.m. to 6:00 p.m. and Friday from 8:00 a.m. to 5:00 p.m. (A copy of the vehicle registration and a valid driver's license is required.) Permits also may be purchased by mail at the following address:

Parking Services
USF St. Petersburg
140 7th Avenue South, ONE 304
St. Petersburg, FL 33701

How can I get help when I have a problem with a vehicle?

Low Tire? Keys locked in car? Need to jump-start your car? You can call Parking Services at 553-4510 Monday through Thursday from 8:00 a.m. to 6:00 p.m. and Friday 8:00 a.m. to 5:00 p.m. (except holidays). You can call Campus Police at 553-4140 after hours and on weekends. The Department of Public Safety and Parking Services Department provide these services to our campus community free of charge.

Need an escort to your car?

Call Campus Police at 553-4140 for evening escort to your vehicle.

What happens if you get a parking ticket?

Parking regulations are designed to provide safe and orderly parking. Violation of these regulations can result in parking citations, immobilization of your vehicle, towing, or loss of parking privileges. Creating, modifying, or altering a parking permit is a serious parking violation and will result in immediate immobilization or towing of the vehicle. Respond to parking citations within 14 business days of issuance to avoid a late fee of \$11. Most common citations are for no decal, expired parking meter, and parking out of assigned area. For additional information, call 553-4480.

Questions?

Additional information may be obtained by calling 553-4480 or by visiting the Parking Services website:
http://www.stpt.usf.edu/parking_services

LIBRARY SERVICES

Media and Distance Learning Services

The Media Center in Poynter Library offers a large array of media and distance education technologies. This 7,500 square foot facility provides six large and small group listening and viewing rooms for all audio and video formats, a graphics lab, a studio and control room, production room, dubbing and archive room, storage and repair rooms, and an instructional materials center and juvenile collection reading area that seats 44. It also provides for duplication of copyright-compliant learning resources for students and faculty. Media Center staff also will assist with film showings, video taping services, portable public address systems, and other audiovisual support for campus lectures, presentations, and other activities. Media Services provides audiovisual technologies for instructional support in all campus classrooms. Each classroom is equipped, at minimum, with an overhead projector, television monitor, and VCR. Instructors may arrange for other standard audiovisual equipment, including still and video cameras, a portable computer projection system, slide projectors, and DVD or CD players, through written or online requests.

A broadcast studio located in the library Media Center is equipped to receive and send regularly scheduled classes, as well as video conferences or other televised activities. The USFSP Media Staff coordinate such transmissions through the Tampa-based Educational Outreach office responsible for maintaining the video network for all USF campuses. Students from up to ten remote sites may call in through two-way audio to interact with their instructors. Fax links are also available. Faculty may schedule distance learning activities through the office of Academic Affairs. The distance learning studio, when not in use for classroom transmissions, may be used for teleconferenced meetings, lectures, symposia and other presentations. The class schedule for distance learning courses received or transmitted at USFSP and its distance learning sites is included in the regular USF St. Petersburg course catalog.

Further information regarding these services may be found on the web at www.nelson.usf.edu/av

Poynter Library

The Nelson Poynter Memorial Library, opened in 1996, provides library services for USF St. Petersburg. Poynter Library is open 79 hours per week when school is in session. Librarians staff the reference desk at all times. Reference librarians are also available to help with classroom library instruction for faculty and with individual research assistance for students. Other library services include circulation, reserves (both print and electronic), interlibrary loan, and copier

and media services. The library also provides a wireless network that provides access to electronic library resources as well as Microsoft Office programs. Over 200,000 books and approximately 800 periodicals are cataloged and arranged on open shelves using the Library of Congress classification system. A valid USF St. Petersburg ID card (available through Poynter Library's Media Services) is required to check out materials and to access various library services. Circulation, interlibrary loan, and other library guidelines and procedures are posted on the library web site: www.nelson.usf.edu.

A USF St. Petersburg ID number also provides remote access to the USF Libraries' electronic resources. This electronic library features WebLuis (USF's online catalog), an electronic course reserve system, over 1,000 electronic journals, hundreds of databases, and digitized historical materials such as photographs, documents, and oral histories. Numerous library services such as interlibrary loan request forms, the ability to renew materials, and reference assistance requests are also available online. Through WebLuis and interlibrary loan services, students and faculty have access to all six libraries within the USF Library System, a combined collection of over 1,500,000 volumes. Catalogs of other state university libraries are also available through WebLuis. More information about the USF Libraries' online resources is available on the World Wide Web at www.lib.usf.edu/.

Information about obtaining a Net ID number for remote access to library resources is available at <https://una.acomp.usf.edu/>

USF ST. PETERSBURG I.D. CARD

Location/Phone: Media Center, Nelson Poynter Library (POY 221), 553-3409. Card cost is \$10, payable in advance at the Cashier's Office, BAY132.

The USFCard is the official I.D. card of USF St. Petersburg. University policies require that all student, faculty and staff members carry the USFCard while on campus. A valid ID card number is necessary to access many online academic and library services, including services to distance learners. Students may be denied services if they do not have one.

For additional information: www.auxsc.usf.edu/usfcard.asp

Office of Campus Computing

Web Site: <http://www.stpt.usf.edu/docs/lab/index.html>

Student Helpdesk: BAY 228, phone: (727) 553-4551

USF St. Petersburg Open-Use Computer Lab: BAY 226, phone: (727) 553-4551

Dialup Document Web Site: www.acomp.usf.edu/access.html

Web Email Access: <https://mailbox.acomp.usf.edu/>

The Office of Campus Computing at USF St. Petersburg is responsible for all functions that involve voice, computing, and data communication services. The St. Petersburg Regional Data Center (SPRDAC) and Campus Computing Services (CCS) are part of the Office of Campus Computing and support these functions. The Office of Campus Computing is also involved in the planning and implementation of the information technology necessary to support the evolution of USF as a major research institution and the development of academic programs that require technology.

Campus Computing Services (CCS) provides services in direct support of instruction and research for students and faculty. CCS provides the resources and support necessary for faculty to bring technology into the classroom. Student support services are provided through the CCS Help Desk and open-use computer labs. Walk-in assistance for computer questions is available. All USF St. Petersburg students are provided with a NetID and email account. Registered students can obtain automatically generated NetID and email accounts and passwords at <https://una.acomp.usf.edu>.

Desktop computers, printers, and other associated equipment are maintained in open-use computer labs at USF St. Petersburg to enable students, faculty, and staff access to the

network and provide processing support. Other services include phone support, on-line help, and tutorials. The open-use computer labs provide significant hours of access, normally six days (72 hours) a week.

Classroom Technology Resources (CTR), a division of Campus Computing Services, was established to support the computer technology needs of USF St. Petersburg faculty and students in a classroom setting. CTR provides the computing resources necessary for instructors to enhance the learning experience of all USF St. Petersburg students. Each campus classroom is equipped with adjustable lighting, an Internet connected Dell Optiplex computer with CD/DVD, Microsoft Office and Internet Explorer, a VCR, and a large screen multi-media presentation monitor.

The St. Petersburg Regional Data Center (SPRDAC) is a division within the Office of Campus Computing, and its support staff consists of Systems and Network Support, Hardware Repair and the SPRDAC Computer Store. SPRDAC operates as a computing utility, and provides the primary computing support for USF St. Petersburg and other agencies. SPRDAC administers the servers that are home to USF St. Petersburg Web services, telephone services, voice mail, applications software, print services, faculty/staff file storage, and administrative applications. For more information see <http://www.stpt.usf.edu/docs/lab/sprdac.html>.

The SPRDAC site includes:

- Sixteen (16) Window servers and three (3) Sun UNIX servers
- Casi-Rusco keyless entry service
- Video surveillance service
- Network Operations Center
- Cisco IP telephone service
- Trane energy management to the campus community.

SPRDAC is also responsible for the management and operation of STPnet, the campus-wide Backbone Network providing access to research facilities on campus and the world. STPnet is based on Ethernet technology, and SPRDAC is responsible for monitoring, cabling and its design. This switched network operates at speeds of over one billion bits per second and provides the infrastructure to transport vast amounts of information, voice, graphics and video needed to achieve institutional goals and position USF St. Petersburg as a major research institution.

The SPRDAC Computer Store was formed within the Office of Campus Computing as the authorized Dell reseller for USF St. Petersburg and provides departments, faculty, staff, and students with computers at the lowest possible cost. SPRDAC Hardware Repair provides Dell authorized warranty, upgrade, and repair services. All of the information concerning the computer store, including current products and pricing, can be found at: http://www.stpt.usf.edu/docs/lab/dell/acc_ret.htm.

ACADEMIC POLICIES AND PROCEDURES

The Office of Admissions & Records maintains the official academic records for all students and course registrations for currently enrolled students. Students are encouraged to contact the Office of Admissions & Records about general questions concerning academic policies and procedures of their current registration or academic record.

Note: Each student must be aware of the University's academic policies and procedures insofar as they affect him/her.

ACADEMIC REGULATIONS AND INFORMATION

Semester System

USF St. Petersburg operates on a semester system. Semesters begin in August and January with Summer Sessions beginning in May and June. See Academic Calendar for appro-

priate dates.

Academic Load

The maximum load of an undergraduate student is 18 hours (Fall & Spring semesters) and 14 hours (Summer Term) unless approval is received from the dean or an authorized representative of the student's college. Students classified as Undecided must receive approval from the freshman/sophomore advisors in the Advising Center. In the Fall or Spring Semester 12 hours is the minimum load for a student to be considered as full-time.

Full-time Undergraduate Student Definition - Summer Term

Sessions "A" & "B" (6 weeks)

For: Academic purposes - 6 hours or more each session

For: Financial aid - Students must enroll for 12 hours (undergraduate) in any combination of Sessions "A," "B," and "C."

Session "C" (10 weeks)

For: Academic purposes - 9 hours or more

For: Financial aid - Students must enroll for 12 hours (undergraduate) in any combination of Sessions "A," "B," and "C."

Students receiving Veterans Administration benefits should confirm their Summer Term enrollment with the Office of Veterans Services or Veterans Coordinator.

Undergraduates may not enroll in 6000-level courses or higher without approval of the college/department in which the course is offered.

Availability of Courses

USF St. Petersburg does not commit itself to offer all the courses, programs, and majors listed in this catalog unless there is sufficient demand to justify them. Some courses, for example, may be offered only in alternate semesters or years, or even less frequently if there is little demand.

Transfer of Credit to USF

USF will accept credits only from those institutions accredited by one of the accrediting agencies/commissions recognized by USF. However, USF St. reserves the right to deny credit for specific courses. The receipt and evaluation of total transfer credit are the responsibility of the Office of Admissions & Records. The college of the student's major will determine which courses are applicable toward a specific degree and will assign equivalent courses (see Evaluation of Transfer of Credit under Admissions and Related Matters).

USF subscribes fully to all of the provisions of the statewide Articulation Agreement (Rule 6A-10.024) and strongly recommends that students complete the Associate of Arts degree, or in certain prior approved areas, the Associate of Science degree, before transferring. Special details for students who do not plan to complete the associate's degree requirements are available from the Office of Admissions & Records. Also, all transfer students should refer to other entries about undergraduate transfers in the Admissions section of this catalog.

Former Student Returning

The Office of Admissions & Records will evaluate the acceptability of transfer of credits taken at regionally-accredited institutions since last enrolled at USF. The college of the student's major will determine which courses are applicable for his/her major. In some instances, exact course equivalents will also be determined by other colleges that offer the same or similar course(s) as a part of their programs of study.

Continuously Enrolled Degree-Seeking Student

The Office of Admissions & Records will determine the acceptability of transfer credits for continuing, degree-seeking students who take courses at regionally accredited institutions. However, PRIOR WRITTEN APPROVAL MUST BE OBTAINED from the college of the student's major if these credits

are to be applicable to the USF degree program. A properly-executed Transient Student form or Cross Enrollment form should be used for this purpose.

Registration for Admitted Degree-Seeking Students

Continuing degree-seeking students register by appointment for their next semester's courses during the preceding term, either by internet or in person (regional campuses only). Appointment times and instructions for all registration periods may be viewed on USF's OASIS on-line schedule of classes for the appropriate semester.

Prior to initial registration, all newly admitted undergraduate students and readmitted former undergraduate students returning are required to participate in an orientation/academic advising program. Newly admitted students and readmitted Former Students Returning receive orientation information by calling (727) 553-4181, advising information by calling (727) 553-4511, and registration information by calling (727) 553-4142.

Registered students may make schedule adjustments in the regular registration period during the preceding term or in the drop/add period during the first week of classes. (Deadline information is available in the Academic Calendar.)

Degree-seeking students who do not register prior to the first day of classes may late-register the first week of classes. A \$100.00 late registration fee is charged during this week. (See the section on fees for additional information and the appropriate term's Schedule of Classes for dates.) To avoid cancellation of registration, fees are due and payable for all registered courses of record on the fifth day of classes (end of drop/add period). (See Academic Calendar for dates.)

NOTE: A Mandatory Medical History Form is required for all students (regardless of age). According to Florida Administrative Code Rule 6C-6.001(4), "Each student accepted for admission shall, prior to registration, submit on a form, provided by the institution, a medical history signed by the student."

Immunization Proof Required

As a prerequisite to matriculation or registration, the State University System of Florida requires all students born after 1956 to present documentation of proof of immunity to MEASLES (Rubeola) and RUBELLA (German Measles). (See Immunization Policy.)

Academic Advising for Undergraduate Students

USF St. Petersburg seeks to guide all students in selecting programs and courses best suited to their personal abilities, educational interests, and career objectives. Students who have been admitted to the University should meet regularly, by appointment, with their Academic Adviser in the Academic Advising Center located in Davis Hall 134. This Center also serves as an initial point of contact for non-admitted, prospective, and/or non-degree seeking students who need information about the University's academic structure.

All students are encouraged to establish an advising relationship with the Academic Advising Center and periodically visit their advisors to keep abreast of any policy, procedural, or curriculum changes that may affect them. In fact, some colleges require advisor approval of student programs each semester. It is important for students to keep in mind that, although the University provides advising services to assist students with academic planning, it is each student's responsibility to see that all graduation requirements are met.

Initial Advising and Registration

It is necessary that all students meet with their academic advisors prior to first-class registration. The purpose of this initial contact is to provide the advising unit with routine information to assist it in collecting and maintaining the necessary records to assure the student's proper progress toward education goals. Transfer students should bring an unofficial or student copy of their transcript(s) to this advising session.

Declaration of Major

First-year students often enter the university undecided about their career plans and intended majors and that usually creates little difficulty for them. Many of the more than 90 majors at USF allow students considerable options in their early course choices. Conversely, many other majors, and often the most popular majors, require completion of particular courses within the first two years. For instance, students with majors in fine arts and engineering should begin specific coursework in their first year and are best served by declaring their majors upon entering the university. In other fields, such as nursing, natural and physical sciences, education, and business, students must satisfy state mandated course prerequisites and complete specific general education courses during the first two years to be admitted to those major as juniors and to allow graduation on a timely basis.

It clearly is advantageous for students to make early decisions about their majors to be on track and to remain on-track toward their degrees and to graduate in a timely manner. Students are urged to declare a major upon entry to the university. If they are unable to formally choose or declare a major or a pre-major they should follow the multi-semester inquiry-based (for undecided) curriculums that best matches their interests.

All students must be officially declared in a major or a pre-major before they register for more than 36 credits. Beginning Fall Semester 2005, FTIC students who will have completed 36 or more credits at the end of the term in which they are enrolled will not be allowed to register for further credit coursework at the university until they have declared a major or pre-major.

Transfer students, especially those who have completed 60 hours of work prior to transferring to USF, should declare their majors upon entry to the university. Transfer students who have not declared a major (or pre-major) and who have completed 75 or more credits of college coursework will not be allowed to register for further credit coursework at the university until they have declared a major or a pre-major. Students transferring in 75 or more credits will be required to declare a major (or pre-major) at the time of admission.

Many resources are made available by the university to assist students in making career decisions and choosing their majors. Information about these resources is readily available from academic advisors. All entering FTIC students who have not made a career/major decision upon entry to the university will be required to follow one of the multi-semester inquiry-based (for undecided) curriculums offered by the university and enroll in the University Experience or Career Development Process course.

Advising for Limited Access Programs

Students are cautioned that admission to the University does not imply admission to all the programs and courses offered by the individual colleges; this is especially true with respect to colleges with limited-access programs. Colleges such as Business, Education, and Nursing have been designated as limited-access colleges and require completion of certain prerequisites before a student may declare a major offered by one of the colleges. It is important that students check the college sections of the catalog for advising and admission requirements. Students planning to enter a limited-access program should be aware that their admission by the college may be denied or delayed and should be prepared with alternative plans of action. Students seeking admission to limited-access programs must demonstrate successful academic progress toward meeting the limited-access requirements in order to remain undeclared beyond 45 semester hours of credit.

Lower-level transfer students (entering the University with fewer than 60 semester hours) and upper-level transfer students (entering with 60 or more semester hours) who do not meet the requirements of a limited-access major are assigned

initially to freshman/sophomore-level advisers. Upper-level transfer students (entering the University with 60 semester hours or more) who meet the admission requirements of a major are assigned to advisors specializing in the college of that major for advising.

Course Attendance at First Class Meeting

This policy has been put into effect so that USF St. Petersburg may effectively utilize classroom space and to insure that all students have maximum opportunity to enroll in classes where demand exceeds availability of seats.

Students are required to attend the first class meeting of undergraduate courses for which they registered prior to the first day of the term. Names of students who register prior to the first day of the term are printed on the first class roll for each course section. The first class roll is used by professors to drop students who do not attend the first day of class. Students having extenuating circumstances beyond their control and who are unable to attend the first class meeting must notify the instructor or the department **prior to the first class meeting** to request waiver of the first class attendance requirement. Students who add courses or late-register during the first week of classes will not be on the first class roll and, therefore, will not be dropped for non-attendance by the instructor. To avoid fee liability and academic penalty, the student is responsible for insuring that he/she has dropped or been dropped from all undesired courses by the end of the 5th day of classes.

This policy is not applicable to courses in the following categories: Educational Outreach, Open University (TV), FEEDS Program, Community Experiential Learning (CEL), Cooperative Education Training, and courses that do not have regularly scheduled meeting days/times (such as, directed reading or study, individual research, thesis, dissertation, internship, practicums, etc.). Students are responsible for dropping undesired courses in these categories by the 5th day of classes to avoid fee liability and academic penalty.

Schedule Changes

PLEASE NOTE: Class days, times and room assignments are subject to change as late as the first day of classes. For updates, please check OASIS at www.stpt.usf.edu. Click on "Class Schedule Search."

Adds

After a student has completed his/her registration on the date assigned, he/she may add courses on a space-available basis until the add deadline specified in the Academic Calendar. See the appropriate semester's University Schedule of Classes for detailed instructions and dates.

Drops

A student may drop a course(s) during the regular registration and drop/add periods (first five days of classes). No entry of the course(s) will appear on any permanent academic records and full refund of fees is due for course(s) dropped within those periods.

A student may also drop a course(s) between the second and tenth week of the semester (except for Summer sessions - see the Summer Schedule of Classes for dates). Registration fees must be paid for the course(s) and the academic record will reflect a "W" grade for the dropped course(s). Courses dropped after the ninth week deadline (see Academic Calendar for date) will result in an automatic "F" grade.

Auditing Privileges and Fees

A student who wishes to sit in on a class to review the course material may do so; however, the student is not allowed to take exams, earn grades, or receive credit. The student's status for that class is an audit and his/her presence in the classroom is as a listener. A student must register to audit courses during the late registration period. (No audit registrations are processed during the regular registration periods.) Fees for audit are the same as for full enrollment for credit except out-of-state

tuition is not charged. See University Schedule of Classes for detailed instructions and dates.

Cancellation Before First Class Day

Students may cancel their registration by notifying the Office of the Admissions & Records in writing prior to the first day of classes. If fees have already been paid, the student may request a full refund of fees from the Cashier's Office.

Withdrawal

A student may withdraw from the University without academic penalty during the first ten weeks of any term (except for Summer Sessions). He/she must submit a completed Withdrawal Form to the Office of Admissions & Records. No entry is made on the academic record for withdrawals submitted during the first week of the term. All subsequent withdrawals (through the tenth week of classes in the Fall and Spring Semesters) are posted to the academic record with "W" grades assigned to the courses. Withdrawal deadlines for the Summer sessions are listed in the Academic Calendar and are published in the Schedule of Classes for the Summer Term. Students who withdraw may not continue to attend classes.

Students who withdraw during the drop/add period as stated in the Academic Calendar may receive a full refund of fees. All refunds must be requested in writing from the Cashier's Office. No refund is allowed after this period except for specified reasons. See Refund of Fees under Financial Information for complete details.

Repeat Course Surcharges

Initiated by the Florida Legislature (H.B. 1545 of 1997) to reduce costs, all state universities must monitor undergraduate student progress and charge students the full cost of instruction for certain repeats of undergraduate courses. This policy became effective Fall 1997 and requires USF St. Petersburg to charge students a substantial per-credit-hour surcharge when they attempt a course three or more times at USF, unless the course is specifically designed to be repeated or is required to be repeated by their major. Requirements to earn a passing or higher grade than previously earned in a course do not exempt the surcharge. Students will be required to pay the surcharge in addition to the appropriate in-state or out-of-state tuition rates. It is important to note that all attempts count, including withdrawals after the first week of classes and courses with incomplete grades.

Effective Fall 2000, the University, under the authority of Board of Regents Rule 6C07001(4)(c) and Statute 240.124, F.S., may grant exceptions to this rule based on extenuating circumstances and financial hardship. However, the University may only approve one appeal per course. The exceptions included in the Statute are extenuating circumstances and financial hardship and are defined as follows:

Extenuating circumstances are those circumstances determined by the University to be exceptional and beyond the control of the student and may include but not be limited to serious illness, documented medical condition preventing completion; death of an immediate family member, involuntary call to active duty, university error, other emergency circumstances or extraordinary situations.

The criteria used by the University for determining financial hardship should include, but not be limited to, qualification for federal need-based financial aid. Students with other documented financial hardships may also be considered.

The student must fill out a Fee Adjustment Request Form and indicate the request is for a waiver of the repeat course surcharge. He/she must also submit a statement that explains the request and provide all documentation relating to it. The completed form with documentation should be submitted to the Office of Admissions & Records for consideration. If a student's request is denied, he/she may appeal the decision to the Office of the Dean of Enrollment Services.

Transcript Information

Transcripts of a student's USF St. Petersburg academic record may be requested by the student through the Office of Admissions & Records. A student's academic record can only be released upon authorization of the student. Students requesting transcripts may do so in person or by writing to the Office of Admissions & Records. By law, the request must include the student's signature and date. In order for transcripts to be issued, the student must have no financial obligations to the University. Transcripts are normally mailed/ready for pick-up within two working days after the request is received. USF St. Petersburg Transcript Request forms are available at the Admissions and Records Office.

Letter requests must include: (1) date of request and student's current address; (2) student ID number and full name; (3) name and complete address of recipient; and (4) number of copies and special instructions, such as, "hold for degree statement" or "hold for current term grades," and the student's signature. Degree statements are posted approximately four to six weeks after the graduation ceremony. Current-term grades are posted approximately one week after the final exams end. If grades for the current term are needed, clearly indicate that the transcript request is to be held for grades.

To order transcripts by mail, send payment (\$8.00 per copy, check or money order only) and Request Form or letter to:

Office of the Registrar
USF St. Petersburg-BAY 102
140 Seventh Avenue South
St. Petersburg, FL 33701

To order a transcript in person, hand-carry payment (check, money order or cash) and Request Form or letter to the USF St. Petersburg Office of the Registrar, BAY 102.

Transcript request forms are available in this location. Students may complete the request process in one stop at the Cashier's Office.

College Level Academic Skills Test

The College Level Academic Skills Test (CLAST) is a part of Florida's system of educational accountability. CLAST is a state-mandated achievement test that measures attainment of communication and mathematics skills expected of students completing their sophomore year in college. These skills were identified by the faculties of community colleges and state universities and adopted by the State Board of Education. A student must pass the CLAST or achieve alternate criteria to receive an Associate in Arts or a baccalaureate degree from any Florida public institution.

Please Note: CLAST exemptions or waivers are not acceptable for admission to or graduation from programs in the College of Education. Refer to the Office of Evaluation and Testing, SVC 2054, for the current policies on CLAST.

Students who have already earned a baccalaureate degree from a regionally-accredited institution are exempt from the CLAST requirement at USF.

The State Board of Education has established minimum CLAST score standards for awarding the Associate in Arts degree and for the baccalaureate degree from October 1, 1992 as follows: Reading, 295; English Language Skills, 295; Mathematics, 295; and Essay, 6.

CLAST may be taken by undergraduate, degree-seeking students who have earned 18 semester hours or the equivalent and who apply to take the test on or before the deadline established for registration. Students at USF are required to take the CLAST by the time they complete 45 semester hours. First-time-in-college and lower-level transfer students are encouraged to take the CLAST as early as possible. Transfer students should take the CLAST the first semester they are enrolled as degree-seeking students if they have already exceeded the 45 hours from previous institutions.

If the CLAST requirement has not been satisfied by the time a student completes 70 semester hours, the student may not

register for classes until he/she has visited the following website: <http://www.usf.edu/clast/hold>. A course or method of preparation to remediate content covered in the failed subtest(s) will be selected and required. Further registration may be restricted for failure to attend the designated preparation.

If the CLAST requirement has not been satisfied after completing 60 hours of coursework, a student may enroll in up to 36 hours of additional 3000-4000 level coursework. At this point, course registration will be restricted to 1000 and 2000 level courses. **Information regarding appropriate CLAST preparatory options is available at <http://www.usf.edu/testing>.** Further registration at USF will be denied for failure to complete the required preparation.

Students may receive exemptions from the CLAST examination by achieving specific EACT or SAT-I scores, or by earning a 2.5 GPA in specific courses. Exemptions are awarded for the communication subtests of CLAST if an SAT-I Verbal score of 500 or an EACT English score of 21 and an EACT Reading score of 22 are achieved. Exemptions are awarded for the mathematics CLAST subtest if an SAT-I Mathematics score of 500 or an EACT Mathematics score of 21 is earned. Students receive exemptions from the CLAST communication subtests if a 2.5 GPA is achieved in at least six hours of ENC 1101 and ENC 1102. Exemptions from the CLAST mathematics subtest are issued when students have earned a 2.5 GPA in at least six hours of MAC 1105 or higher, MGF 1106 or higher and STA 1022 or higher. Any combination of these courses is permissible, providing only one statistics course is used to calculate the six-hour mathematics GPA.

Waivers from individual CLAST subtests are granted in two situations: 1) a specific documented learning disability prevents the student from achieving the skills set forth in SBE 6A-10.0316 (consult with Student Disability Services) and; 2) a student has successfully completed courses related to a specific subtest, but has failed to satisfy the CLAST requirement with a passing score or an exemption. After failing a CLAST subtest five times and successfully completing three terms of documentable preparation and a specific three-hour course related to the failed subtest, a student may apply for a waiver by submitting appropriate documentation to Evaluation and Testing (SVC 2054). A list of approved courses to satisfy this requirement is available in Evaluation and Testing.

Courses to Satisfy Rule 6A-10.030 ("Gordon Rule")

Prior to receiving an Associate of Arts degree from a public community college or university or a Bachelor's degree from a public university, a student shall complete successfully the following in the areas of communication and computation:

1. Communication: Twelve semester hours of English courses in which a student is required to demonstrate writing skills. For the purpose of this rule, an English course is defined as any semester-length course within the general study area of the humanities in which the student is required to produce written work of at least 6000 words.

2. Computation: Six semester hours of mathematics coursework at the level of college algebra or above. For the purpose of this rule, applied logic, statistics and other such computation coursework, which may not be placed within a mathematics department, may be used to fulfill 3 hours of the 6 hours required by this section. In order to receive credit for fulfillment of 6A-10.030, students must receive a grade of "C-" or higher in each course (no "S" grades).

In order to follow the specifics of 6A-10.030, USF has designated the following courses in which the student may demonstrate the writing and mathematical skills as set forth in this rule.

Communication (12 semester hours)

AFA 2000	Introduction to the Black Experience [In Africa and Its Diaspora]	(3)
AFA 4150	Africa and the United States	(3)

AFA 4335	Black Women in America	(3)
AFS 2250	Culture and Society in Africa	(3)
AFS 3153	African Literature Survey	(3)
AMH 3510	U.S. Diplomatic History to 1898	(4)
AML 3604	African American Literature	(3)
AML 4303	Zora Neale Hurston: Major Works	(3)
AML 4624	Black Women Writers	(3)
AMS 3001	American Culture 1880-1915	(4)
AMS 3260	American Culture, 1830-1860	(4)
AMS 3370	Southern Women: Myth and Reality	(3)
ANT 4172	Historical Archaeology	(3)
ANT 4231	Folklore	(3)
ANT 4241	Magic and Religion	(3)
ANT 4340	The Caribbean	(3)
ANT 4432	The Individual and Culture	(3)
ANT 4620	Language and Culture	(3)
ANT 4750	Language and Social Interaction	(3)
ANT 4935	Rethinking Anthropology	(3)
ARC 4784	The City	(3)
ARH 4710	History of Photography	(4)
ARH 4721C	History of Printmaking	(3)
ARH 4724	History of Graphic Design	(4)
ARH 4792	Critical Studies In Art History	(4)
CCJ 4934	Seminar in Criminology	(3)
CHM 4070	Historical Perspectives in Chemistry	(3)
CIS 4250	Ethical Issues And Professional Conduct	(3)
CLA 3501	Women in Antiquity	(3)
CLT 3101	Greek Literature in Translation	(3)
CLT 3102	Roman Literature in Translation	(3)
COM 4020	Communicating Illness, Grief, and Loss	(3)
COM 4030	Women and Communication	(3)
COM 4710	Writing Lives	(3)
CRW 2100	Narration and Description	(3)
CRW 3111	Form and Technique of Fiction	(3)
CRW 3112	Fiction I	(3)
CRW 3121	Fiction II	(3)
DAN 2100	Introduction To Dance	(3)
DAN 4134	Dance History Through the 19th Century	(3)
EDF 3228	Human Behavior and Environmental Selection	(3)
EEC 4008	Literature in Early Childhood Education	(3)
EEX 4742	Narrative Perspectives on Exceptionality: Cultural and Ethical Issues	(3)
EIN 4313C	Human Factors	(3)
ENC 1101	Composition I	(3)
ENC 1102	Composition II	(3)
ENC 1121	Composition I: Honors	(3)
ENC 1122	Composition II: Honors	(3)
ENC 2210	Technical Writing	(3)
ENC 3246	Communication for Engineers	(3)
ENC 3250	Professional Writing	(3)
ENC 3310	Expository Writing	(3)
EVT 4651	Equity in Schools and the Workplace	(3)
FIL 2001	Film: The Language Of Vision	(4)
FIL 3510	World Cinema	(4)
FRT 3140	French Literary Masterpieces in English Translation	(3)
GEA 3405	Geography of Latin America	(4)
GEA 3500	Geography of Europe	(4)
GEO 4372	Global Conservation	(4)
GEY 3625	Sociocultural Aspects of Aging	(3)
HIS 4936	Pro-Seminar in History	(4)
HUM 4931	Seminar in Humanities	(4)
IDS 3115	Values and Choices	(3)
IDS 3663	Critical Issues Affecting the Arts	(3)
IDS 3668	Images of Contemporary Urban Culture	(3)
LAE 4414	Teaching Literature in the Elementary School, Grades K-6	(3)
LAE 4416	Teaching Literature and Writing in the Elementary Grades	(3)
LAE 4464	Adolescent Literature for Middle and Secondary Students	(3)
LIN 3801	Language and Meaning	(3)

LIT 2000	Introduction to Literature	(3)	RUS 3500	Russian Civilization	(3)
LIT 2010	Introduction to Fiction	(3)	RUT 3110	Russian Classics in English	(3)
LIT 2030	Introduction to Poetry	(3)	RUT 3111	Twentieth-Century Russian Literature in English	(3)
LIT 2040	Introduction to Drama	(3)	SCE 4236	Science, Technology, Society Interaction	(4)
LIT 3101	Literature of the Western World Through the Renaissance	(3)	SPC 3425	Group Communication	(3)
LIT 3102	Literature of the Western World Since the Renaissance	(3)	SPC 4305	Communicating Emotions	(3)
LIT 3103	Great Literature of the World	(3)	SPC 4632	Rhetoric and Social Change	(3)
LIT 3144	Modern European Novel	(3)	SYA 3310	Qualitative Inquiry	(4)
LIT 3155	Modern Literature	(3)	SYP 4420	Consumer Culture	(3)
LIT 3301	Cultural Studies and the Popular Arts	(3)	THE 4174	New British Theatre and Drama	(3)
LIT 3383	The Image of Women in Literature	(3)	THE 4180	Theatre Origins	(3)
LIT 3451	Literature and the Occult	(3)	THE 4320	Theatre of Myth and Ritual/Northern European (950-1600) & Oriental (400-1200)	(3)
LIT 4386	British and American Literature by Women	(3)	THE 4330	Shakespeare for The Theatre	(3)
MUL 2111	Introduction To Music Literature	(3)	THE 4360	The 19th Century Theatre Revolution	(3)
NGR 6121	Theoretical Basis Of Advanced Practice Nursing	(3)	THE 4401	American Drama	(3)
NGR 6135	Ethical, Legal, and Policy Issues in Advanced Nursing Practice	(3)	THE 4434	Caribbean Theatre	(3)
NUR 4194	An Interdisciplinary Perspective in HIV Disease	(3)	THE 4435	Theatre of Pluralism	(3)
NUR 4645	Substance Abuse Across the Lifespan	(3)	THE 4442	Comedy of the Classic and Neo-Classic Stage	(3)
PAD 4144	Nonprofit Organizations and Public Policy	(3)	THE 4562	Contemporary Performance Theory	(3)
PET 4933	Seminar in Sports Medicine	(3)	WST 3210	European Feminist History: Pre-18th Century	(3)
PHH 2000	Introduction to Philosophy	(3)	WST 4262	Literature by Women of Color in the Diaspora	(3)
PHH 4600	Contemporary Philosophy	(3)	WST 4310	History of Feminism in the U.S.	(3)
PHH 4700	American Philosophy	(3)	WST 4410	Third World Women Writers	(3)
PHI 1401	Science and Society	(3)			
PHI 3700	Philosophy of Religion	(3)			
PHI 4300	Theory of Knowledge	(3)			
PHI 4320	Philosophy of Mind	(3)			
PHI 4800	Aesthetics	(3)			
PHM 3100	Social Philosophy	(3)			
PHM 4331	Modern Political Philosophy	(3)			
PHM 4340	Contemporary Political Philosophy	(3)			
PHP 3786	Existentialism	(3)			
PHP 4000	Plato	(3)			
PHP 4010	Aristotle	(3)			
PHP 4740	The Rationalists	(3)			
PHP 4745	The Empiricists	(3)			
PHP 4784	Analytical Philosophy	(3)			
PHP 4788	Philosophy of Marxism	(3)			
PHY 4031	Great Themes in Physics	(3)			
POS 4413	The American Presidency	(3)			
POS 4694	Women and Law II	(3)			
POT 4109	Politics and Literature	(3)			
PUP 4323	Women and Politics	(3)			
REA 2105	Critical Reading and Writing	(4)			
REL 3111	The Religious Quest in Contemporary Films	(4)			
REL 3114	Comedy, Tragedy, and Religion	(3)			
REL 3145	Women and Religion	(3)			
REL 3170	Religion, Ethics and Society Through Film	(4)			
REL 3308	World Religions	(3)			
REL 3367	Islam in the Modern World	(3)			
REL 3465	Religion and the Meaning of Life	(3)			
REL 3500	History of Christianity	(4)			
REL 3561	Roman Catholicism	(3)			
REL 3602	Classics of Judaism	(3)			
REL 3607	Introduction to Judaism	(3)			
REL 3613	Modern Judaism	(3)			
REL 4113	The Hero and Religion	(3)			
REL 4171	Contemporary Christian Ethics	(4)			
REL 4177	Comparative Religious Ethics	(4)			
REL 4215	Ancient Israel and the Development of the Hebrew Bible	(3)			
REL 4217	Who Wrote the Bible (Genesis-Kings)	(4)			
REL 4218	Women and the Bible	(3)			
REL 4670	Judaism and Christianity After the Holocaust	(4)			

All the above courses will require 6,000 written words per course. IDH courses will fulfill the writing requirement for all University Honor students only.

Computation (6 semester hours)

Any courses offered by the Mathematics Department may be used. Only one course from the following list (some of which are not in the Mathematics Department) may be used.

Course Number and Title	Semester Hours
CGS 2060 Introduction to Computers and Programming in Basic	(3)
PHI 2101 Introduction to Formal Logic	(3)
PSY 3204 Psychological Statistics	(3)
QMB 2100 Business and Economics Statistics I	(3)
STA 2023 Introduction to Statistics	(4)
STA 2122 Social Science Statistics	(3)

Note that CGS 2060 will not satisfy the USF General Education Quantitative Methods requirement.

CLEP general/subject examinations in mathematics, calculus, college algebra, college algebra-trigonometry, and trigonometry may satisfy this requirement.

Grades, Scholarship Requirements, and Review Procedures

The University is interested in each student making reasonable progress towards his/her educational goals and will aid each student through guidance and faculty advising. To make students aware of their academic progress, the University has enacted a system of grading and policies of Academic Probation and Academic Dismissal that indicates whether or not a student is showing sufficient progress toward meeting degree requirements. Notations of Grades, Academic Probation and Academic Dismissal are posted to the student's academic record.

When a student is academically dismissed from the University and is ineligible to re-enroll, it may be in his/her best interest to re-evaluate his/her educational goals with an academic advisor at the college. If the student's poor academic perfor-

mance has resulted from extenuating circumstances or if after a period of time the student feels he/she has gained adequate maturity and motivation, he/she may petition the Academic Regulations Committee for permission to re-enroll. See Academic Regulations Committee, for information on petitioning.

Grading System

Effective Fall Semester, 2000, USF St. Petersburg faculty may use a plus/minus grading system to assign student grades. The use of the plus/minus grading system is at the discretion of the individual faculty member.

A student's measure of academic achievement is recorded on the academic record based on the following grading system:

Plus/Minus Grades

A+	4.00
A Excellent performance	4.00
A-	3.67
B+	3.33
B Good performance	3.00
B-	2.67
C+	2.33
C Average performance	2.00
C-	1.67
D+	1.33
D Poor performance	1.00
D-	0.67
F Failure	0.00

Other Grades

E	Course repeated, not included in GPA
FF	Failure/academic dishonesty
I	Incomplete
IF	Incomplete grade changed to Failure
IU	Incomplete grade changed to Unsatisfactory
M	No grade submitted by instructor
MF	Missing grade changed to Failure
MU	Missing grade changed to Unsatisfactory
N	Audit
S	Satisfactory
U	Unsatisfactory
W	Withdrawal from course without penalty
WC	Withdrawal for extenuating circumstances
Z	Indicates continuing registration.

Please note that the grade of C- will satisfy specified minimum requirements of the Gordon Rule courses and the common prerequisites unless otherwise specified in the Catalog.

Grade Point Average

The University uses the quality points listed above. The grade-point average (GPA) is computed by dividing the total number of quality points by the total hours attempted at USF. The total quality points are figured by multiplying the number of credits assigned to each course by the quality point value of the grade given. Credit hours for courses with grades of I, IU, M, MU, N, S, U, W, Z, and grades that are preceded by a "E" are subtracted from the total hours attempted before the GPA is calculated.

Credit hours for repeated USF coursework will be awarded only once per course unless the course is a university-approved repeatable course. "D" and "F" grades, however, for repeated USF coursework will be counted in the computation of the student's GPA as many times as those grades for that course are recorded. If a student originally earns a "C" or higher in a course that may not be repeated for additional credit and earns a "C" or higher on a subsequent enrollment the new grade is not computed in the USF GPA unless the forgiveness

policy is being applied.

"I" Grade Policy

An "I" grade indicates incomplete coursework and may be awarded to graduate and undergraduate students. (Undergraduate rules apply to non-degree-seeking students.) It may be awarded to an undergraduate student only when a small portion of the student's work is incomplete and only when the student is otherwise earning a passing grade. Until removed, the "I" is not computed in the GPA for either undergraduate or graduate students. The time limit for removing the "I" is to be set by the instructor of the course. For undergraduate students, this time limit may not exceed two academic semesters, whether or not the student is in residence, and/or graduation, whichever comes first. "I" grades not removed by the end of the time limit will be changed to "IF" or "IU," whichever is appropriate. Whether or not the student is in residence, any change to "IF" grades will be calculated in the cumulative GPA and, if applicable, the student will be placed on appropriate probation or academically dismissed. Students are not required to re-register for courses in which they are only completing previous course requirements to change an "I" grade. However, if a student wants to audit a course for review in order to complete course requirements, full fees must be paid.

"M" Grade Policy

An "M" is automatically assigned as a default grade when the instructor does not submit any grade for an undergraduate student. (Undergraduate rules also apply to non-degree-seeking students.) Until removed, the "M" is not computed in the GPA. The time limit for removing the "M" may not exceed one academic semester (whether or not the student is enrolled) and/or graduation, whichever comes first. "M" grades that are not removed by the end of the next semester/term will be changed to "MF" or "MU," whichever is appropriate. Whether or not the student is enrolled, any change to "MF" grades will be computed in the cumulative GPA, and, if applicable, the student will be placed on appropriate probation or academically dismissed.

S/U Grade System

No-option Courses. Certain courses have been designated as S/U courses. The "S" and "U" grades are used to indicate the student's final grade. These S/U only courses are identified with (S/U only) after the course definition in this catalog. No grading system option is available to students or faculty in these courses.

Option Courses. Any undergraduate course may be taken on an S/U basis by a student under the following conditions and restrictions:

1. Required courses in the major may not be taken on an S/U basis.
2. Specifically designated required courses in the distribution requirements of the student's college may not be taken on an S/U basis.
3. Courses to satisfy 6A-10.30 (Gordon Rule) may not be taken on an S/U basis.
4. Courses to satisfy USF's B.A. foreign language requirement may not be taken on an S/U basis.
5. All elective courses for the major and all elective courses in the distribution requirements, and all other free elective courses may be taken on an S/U basis except where:
 - a. The certifying college restricts the number of courses that may be taken on an S/U basis in any one or all of the above areas or restricts the total number of S/U courses that can be accepted for all of the above areas.
 - b. The certifying college specifies that certain courses may not be taken on an S/U basis.
 - c. The instructor of a course refuses to allow the course to be taken on an S/U basis.

Mechanism for Assigning S/U Grades. The method by which

a student receives an "S" or "U" grade in an option course will consist of the following:

1. A written agreement signed by both instructor and student shall be filed with such offices as may be designated by the college. The college shall set the deadline (no later than the last day of classes for the term) for the student to decide if he/she wishes to take the course on an S/U basis.
2. The instructor shall assign final letter grades A, B, C, D, F, or I, but will transmit to the Registrar "S" or "U" consistent with the following:
 - a. Letter grade, A, B, or C, shall be equivalent to a letter grade of "S."
 - b. Letter grades D or F shall be equivalent to a letter grade of "U." "S" and "U" grades are not computed in the student's GPA.

Grade Forgiveness Policy

USF St. Petersburg's forgiveness policy permits an undergraduate to repeat a course and have the repeated grade computed in his/her GPA in place of the original grade, providing the repeat grade is "D" or higher (exception - see Honors at Graduation). A course that is repeated and the repeat grade is "F" will have both grades calculated into the GPA. Normally, grade forgiveness may only be applied to a specific course that a student chooses to repeat. No course taken on the S/U grade basis may have the grade forgiveness applied. Under unusual circumstances, a different but similar course may be used if the substitute course has been previously approved by the college dean and is on file in the Office of Admissions & Records.

The grade forgiveness policy cannot apply to any course in which the grade of "FF" has been recorded.

Any undergraduate or non-degree-seeking student who wishes to implement grade forgiveness must:

1. Complete a "Grade Forgiveness Request Form" (available in the Office of Admissions & Records) for each course to be repeated.
2. Adhere to the following conditions:
 - a. A limitation of applying grade forgiveness to three USF courses with no more than one repeat per course.
 - b. With prior approval of the college dean, a course different from a course on the approved list may be substituted in the following cases:
 - 1) The substitute course is a change in prefix, number, hours, or title, but not a substantive change in content from the original course.
 - 2) The substitute course replaces a course no longer offered by the institution.
 - c. The repeated course must be taken under the standard grading system (A-F) and the latest grade must be D/D- or higher (grades of S/U are not permitted).
 - d. All grades remain on the transcript. The original course grade will be annotated with "E" to indicate that the course has subsequently been repeated and the original grade is not computed in the GPA.
 - e. Individual colleges may have further restrictions; therefore, the student should consult with his/her college.

This policy is applicable to undergraduate and non-degree-seeking students only, and applies to 1000-to-5000-level courses. Once students have been awarded a bachelor's degree from USF, they may not repeat a course and be forgiven the original grade, taken prior to graduation.

The policy applies only to courses taken originally at USF and repeated at USF.

Good Standing

USF St. Petersburg students will be considered in good standing if they are currently enrolled or eligible to return to USF

St. Petersburg.

Academic Record

The student's academic record shall not be changed after the student has graduated.

Academic Probation and Academic Dismissal for Undergraduate Students

The first time the academic record of an undergraduate or non-degree-seeking student falls below a cumulative 2.00 grade-point average (GPA), counting only USF grades, he/she will be placed on Academic Probation (AP). If the cumulative GPA is not raised to 2.00 or higher at the end of the next term of enrollment, the student will be placed on Final Academic Probation (FP). A student on Final Academic Probation who fails to raise his/her cumulative USF GPA to 2.00 or higher at the end of the next term of enrollment will be Academically Dismissed (AD) from the university.

A student admitted to the university on probationary status will be placed on Academic Probation (AP) his/her first term with the above rules related to Final Academic Probation and Academic Dismissal applying. Academic advising prior to registration is mandatory until the student is removed from probationary status.

Any student who withdraws after the fifth day of classes while on Academic Probation will be placed on Final Academic Probation. Any student who withdraws after the fifth day of classes while on Final Academic Probation or who has been placed on Conditional Readmission by the Academic Regulations Committee will be Academically Dismissed.

The determination and notification of probationary status or academic dismissal will be made by the Office of Admissions & Records on the student's academic record.

A student who attends another college or university during academic dismissal will be classified as a transfer student and readmission will be based on the total record accumulated from all colleges and universities attended.

If a student who has accumulated fewer than 60 semester hours is academically dismissed from USF or falls below a 2.0 GPA and subsequently achieves an A.A. degree or an articulated A.S. degree from a Florida public community/ junior college (or other SUS institution), that student, when returning to the University, will be automatically credited with a maximum of 60 semester hours and have his/her academic record cleared and the USF GPA will begin again.

If a student who has accumulated 60 or more semester hours is academically dismissed from USF falls below a 2.0 GPA and subsequently receives an A.A. or an articulated A.S. from a Florida public community/junior college (or other SUS institution), that student, when returning to the University, will not automatically have his/her record cleared. The student must consult with his/her Academic Regulations Committee representative and must either:

- a. Request that his/her academic record be cleared. If the student chooses this option and the Academic Regulations Committee approves the request, the student will be credited with a maximum of 60 semester hours and the USF GPA will begin again; or
- b. Request that the USF hours and GPA be retained and receive specific stipulations from the Academic Regulations Committee to clear the academic record.

In either case, the decision must be made in the term of USF St. Petersburg enrollment following the receipt of the A.A. degree and is considered to be a binding decision.

If a student is academically dismissed or falls below a 2.0 GPA from USF and subsequently receives a BA/BS from another four-year institution, that student, when accepted to the University with the post-baccalaureate status, will have his/her academic record cleared.

The posting of the A.A. shall not remove the previous GPA generated at USF for a student who has earned credit at USF and is academically eligible to return to the University and who subsequently receives an A.A. from a community college.

Academic Renewal

USF St. Petersburg recognizes that not every student's academic record is flawless and that many times students get off to such a poor start that their future academic opportunities are limited. USF St. Petersburg can offer many of those students a second chance. The University's Academic Renewal policy allows students, who provide evidence that they might now achieve academic success, to renew their pursuit of baccalaureate degrees without the burden of having to overcome the effects of low grades and low grade-point averages that reflect academic work attempted years earlier. To facilitate this opportunity, students who qualify for Academic Renewal may, with the approval of the Academic Regulations Committee, have portions of their academic record not counted in the determination of their grade-point averages (GPAs) for graduation purposes. Their entire academic record, however, will continue to be reflected on their transcripts even though a selected portion will not be counted in their GPAs.

Academic Renewal I – Students with fewer than 60 credits: Students who were academically dismissed or on formal academic probationary status (institutional cumulative GPA of less than 2.0) but who otherwise were eligible to return from USF St. Petersburg or other institutions of higher education prior to their successful completion of 60 transferable credits, may be admitted to the University with Academic Renewal after completing all requirements for the Associate in Arts degree or equivalent (including general education, Gordon Rule and CLAST requirements) at a two- or four-year college. Academic Renewal I students will enter USF St. Petersburg as juniors, and their USF grade point average will be calculated from that point forward. Such students will be required to earn 60 credits from USF, with a grade point average of at least 2.0 subsequent to the AA degree, in order to graduate from USF St. Petersburg. They also may be excluded from admission to limited-access programs. Further, students who exercise the Academic Renewal policy will not be considered for University Honors at graduation unless they meet the criteria using all grades earned.

Academic Renewal II – Students with 60 or more earned credits: Students who were academically dismissed (but who otherwise were eligible to return) from USF St. Petersburg or other institutions of higher education after the successful completion of 60 transferable credits may be admitted to the University with Academic Renewal II if they are able to provide convincing evidence of changes that indicate they might be successful given a new opportunity. Normally, such students will have been engaged in successful non-academic activities such as work or the military for at least five years. Academic Renewal II students will be offered an opportunity to enter USF St. Petersburg with all coursework and grades from any three academic semesters (or equivalent) prior to their academic dismissal dropped from consideration in grade-point-average calculations at the University. Students who elect to exercise the Academic Renewal policy will not be allowed to use any credit earned during the academic terms from which courses are dropped from grade-point-average consideration toward meeting degree requirements at the University* and they may be excluded from admission to limited-access programs. Further, students who exercise the Academic Renewal policy will not be considered for University Honors at graduation unless they meet the criteria using all grades earned.

*Students who engage the Academic Renewal II policy will lose the credit they earned during the terms (up to three) they choose to exclude from GPA calculations. They will not necessarily have to repeat a course completed with a grade of "C" or higher to meet specific course requirements.

College Policies For Academic Progress

Colleges may determine and implement standards of aca-

ademic progress for undergraduate students (majors in the college) in addition to those established by USF St. Petersburg. Students who do not meet the academic standards of progress set by their colleges will be placed on probation and may be disenrolled. The college dean is responsible for implementing standards of academic progress and for notifying students of their probationary or disenrollment status.

Colleges may restrict the course selections and the number of hours a student may take that do not apply toward completion of degree requirements. Students who exceed this limit may have part or all of their registration canceled.

Colleges are responsible for publicizing and students are responsible for knowing their college's policies for academic progress.

Class Standing

A student's class is determined by the number of credits he/she has earned without relation to his/her GPA.

0C	Unclassified	Non-degree-seeking students
1F	Freshman	0 through 29 semester hours passed
2S	Sophomore	30 through 59 semester hours passed
3J	Junior	60 through 89 semester hours passed
4R	Senior	90 or more semester hours passed; however, no baccalaureate degree earned here or elsewhere
5B	Baccalaureate degree-holder	working on a second undergraduate program or degree
6M	Graduate student	admitted to Master's Degree Program
6A	Graduate student	admitted to Specialist Degree Program
6C	Admitted to Candidacy	
6D	Graduate student	admitted to a Doctoral Degree Program
7A-7D	1st-4th year	professional program (M.D.) or post-doctoral status

Declaration of Major

First-year students often enter the university undecided about their career plans and intended majors and that usually creates little difficulty for them. Many of the more than 90 majors at USF allow students considerable options in their early course choices. Conversely, many other majors, and often the most popular majors, require completion of particular courses within the first two years. For instance, students with majors in fine arts and engineering should begin specific coursework in their first year and are best served by declaring their majors upon entering the university. In other fields, such as nursing, natural and physical sciences, education, and business, students must satisfy state mandated course prerequisites and complete specific general education courses during the first two years to be admitted to those major as juniors and to allow graduation on a timely basis.

It clearly is advantageous for students to make early decisions about their majors to be on track and to remain on-track toward their degrees and to graduate in a timely manner. Students are urged to declare a major upon entry to the university. If they are unable to formally choose or declare a major or a pre-major they should follow the multi-semester inquiry-based (for undecided) curriculums that best matches their interests.

All students must be officially declared in a major or a pre-major before they register for more than 36 credits. Beginning Fall Semester 2005, FTIC students who will have completed 36 or more credits at the end of the term in which they are enrolled will not be allowed to register for further credit coursework at the university until they have declared a major or pre-major.

Transfer students, especially those who have completed 60 hours of work prior to transferring to USF, should declare their majors upon entry to the university. Transfer students who have not declared a major (or pre-major) and who have completed 75 or more credits of college coursework will not be allowed to

register for further credit coursework at the university until they have declared a major or a pre-major. Students transferring in 75 or more credits will be required to declare a major (or pre-major) at the time of admission.

Many resources are made available by the university to assist students in making career decisions and choosing their majors. Information about these resources is readily available from academic advisors. All entering FTIC students who have not made a career/major decision upon entry to the university will be required to follow one of the multi-semester inquiry-based (for undecided) curriculums offered by the university and enroll in the University Experience or Career Development Process course.

Change of Major

All undergraduate students desiring to change their major should consult the Academic Advising Center.

Administrative Holds

A student may be placed on administrative hold by failure to meet obligations to the University. When a student is on administrative hold, he/she may not be allowed to register, receive a diploma, or receive a transcript. Settlement of financial accounts must be made at the University Cashier's Office. Each student placed on administrative hold should determine from the Office of the Registrar which office placed him/her in this status and clear the obligation with that respective office.

Student Information Changes

Notifications regarding changes of address, name, residency, and citizenship should be filed promptly with the Office of Admissions & Records.

Final Examinations

Examinations in academic subjects are, for most courses, an integral part of the learning process and one part of a procedure for evaluating student performance and determining grades. USF St. Petersburg requires certain standards for the examination process in order to protect the academic integrity of courses and the best interests of both the student and the instructor.

Testing in General: In each academic course, the student is expected to undergo a meaningful testing and evaluation that will reveal the student's intellectual growth in the subject matter covered or otherwise reflect the achievement of the course objectives.

The instructor has the responsibility of maintaining a fair and impartial testing and examination procedure, has the right to define and structure the testing process, and shall not be restricted as to form, style or content of the examination. It is the policy of USF St. Petersburg that all students facing an examination (of any type) shall have equal advance notice of the form and content of that examination. The University regards the routine use of all or part of the same formal examination for successive academic terms as unsound policy except when used with adequate safeguards such as a random selection of questions from a large pool.

Comprehensive Final Examinations: The last 6 days of the Fall and Spring semesters shall be set aside for final examinations, and any comprehensive final examination must be given during this designated period. If a segment examination is given in lieu of a comprehensive examination, the segment examination must be given in the period designated during final examination week. The period of two hours shall be allotted for each final examination. If a student has a direct conflict of scheduled examinations or has three or more examinations scheduled on the same day, the student may petition the appropriate instructor to reschedule one of the student's examinations. The final examination schedule shall

be published in the same manner and place as the Schedule of Classes.

Vice President's Scholar List

Full-time undergraduate students who demonstrate superior academic achievement during one semester will be honored on a "Vice President's Scholar List." To be eligible for the Vice President's Scholar List, a student must be in a "pool" (defined hereafter) and must complete 12 hours of graded (A-F) USF courses with no incomplete grades during the semester. The "pool" consists of all students who have registered for at least 12 hours of USF courses in a given semester. The Vice President's Scholar List shall consist of the fewer of: 1) the upper 10% of the enrollment of the college or 2) students in the college with a USF St. Petersburg 4.0 GPA (ties at the 90th percentile will be included in the honors group).

Dean's List

Full-time undergraduate students who demonstrate superior academic achievement during one semester will be honored on a "Dean's List." To be eligible for the Dean's List, a student must be in a "pool" (defined hereafter) and must complete 12 hours of graded (A-F) USF courses with no incomplete grades during the semester. The "pool" consists of all students who have registered for at least 12 hours of USF courses in a given semester. The Dean's List shall consist of the fewer of: 1) the upper 10% of the enrollment of the college or 2) students in the college with a USF St. Petersburg 3.9-3.75 GPA (ties at the 90th percentile will be included in the honors group).

Academic Regulations Committee

The St. Petersburg Academic Regulations Committee (SPARC) meets regularly to review petitions submitted by undergraduate students to waive University academic regulations. Students must petition and secure approval of the committee to return to the University after having been academically dismissed or to waive academic deadlines.

Effective Fall 1998, the University has implemented a statute of limitations on student petitions for retroactive adds, drops, withdrawals, and registration. A student will be limited to two calendar years (six academic semesters/terms) for such appeals whether the student is in attendance or not.

The committee normally meets once a week on Thursday. To petition the committee, a student must secure the appropriate form from the Office of Admissions & Records and consult with the ARC representative from his/her college prior to submitting the petition form. Completed forms should be returned to the Academic Advising Center no later than the preceding Friday, to be reviewed at the next week's meeting. Students will receive notification of the committee's action the following week.

Student Academic Grievance Procedures

I. Purpose - The purpose of these procedures is to provide all undergraduate and graduate students taking courses within the University of South Florida an opportunity for objective review of facts and events pertinent to the cause of the academic grievance. Such review will be accomplished in a collegial, non-judicial atmosphere rather than an adversarial one, and shall allow the parties involved to participate. All parties will be expected to act in a professional and civil manner.

The procedures that follow are designed to ensure objective and fair treatment of both students and instructors. These guidelines are meant to govern all Colleges (exclusive of the College of Medicine which maintains its own procedures); however, as individual Colleges or campuses may have different levels of authority or titles, each student must obtain the specific designations used by each college or campus for levels of authority and titles in the process.

In the case of grade appeals, the University reserves the right to change a student's grade if it is determined at the

conclusion of the grievance process that the grade given was incorrect. In such circumstances the Dean or Provost/Vice President for Academic Affairs or the Vice President for Health Sciences Center may file an administrative grade change. The term "incorrect" means the assigned grade was based on something other than performance in the course, or that the assignment of the grade was not consistent with the criteria for awarding of grades as described in the course syllabus or other materials distributed to the student. In the case of all other academic grievances the University reserves the right to determine the final outcome based on the procedures detailed herein.

II. Terms and Guidelines - An "**academic grievance**" is a claim that a specific academic decision or action that affects that student's academic record or status has violated published policies and procedures, or has been applied to the grievant in a manner different from that used for other students. Grievances may relate to such decisions as the assignment of a grade seen by the student as incorrect or the dismissal or failure of a student for his or her action(s). Academic grievances will not deal with general student complaints.

"**Instructor**" shall mean any classroom instructor, thesis/dissertation/directed study supervisor, committee member or chair, or counselor/advisor who interacts with the student in an academic environment.

"**Department Chair/Director**" shall mean the academic head of a college department or the director of a program—or in all cases a "Department's designee" appointed to handle academic grievances.

"**Dean**" shall mean a College Dean, the Dean of Undergraduate Studies, or the Dean of Graduate Studies, as indicated—or in all cases a "Dean's designee" appointed to handle academic grievances for the unit.

"**Time**" shall mean "**academic time**," that is, periods when university classes are in session. **The person vested with authority at the appropriate level may extend any of the time periods contained herein for good cause.** Any extensions must be communicated in writing to all parties. For the purposes of this policy, each step shall be afforded three (3) weeks as a standard time limit. When a department considers a grievance according to published departmental procedures approved by the College Dean and Provost, the time line specified in this academic unit's procedures will govern the process and no additional notice of time extension is needed.

"**Written communication**" shall mean communication by hard copy to the recipient's address of record.

The "**burden of proof**" shall be upon the student such that the student challenging the decision, action or grade assigned has the burden of supplying evidence that proves that the instructor's decision was incorrect. In considering grievances, decisions will be based on the preponderance of the evidence.

Neither party shall be entitled to bring "**legal representation**" to any actual grievance proceeding as this is an internal review of an academic decision.

As some Colleges may not have departments or some campuses may use different titles, the next level that applies to that College shall be substituted. If the incident giving rise to a grievance occurs on the St. Petersburg campus, the approved policy on that campus shall govern.

III. Resolution at the Department Level

- A. The student shall first make a reasonable effort to resolve his or her grievance with the instructor concerned, with the date of the incident triggering the start of the process (i.e., the issuance of a grade; the receipt of an assignment), and the instructor shall accommodate a reasonable request to discuss and attempt to resolve this issue.
- B. If the situation cannot be resolved or the instructor is not available, the student shall file a notification letter within three weeks of the triggering incident to the department

Chairperson/Director. This shall be a concise written statement of particulars and must include information pertaining to how, in the student's opinion, University policies or procedures were violated. The department Chairperson/Director shall provide a copy of this statement to the instructor.

- C. The department Chairperson/Director shall discuss the statement jointly or individually with the student and the instructor to see if the grievance can be resolved. If the department maintains its own grievance procedure, it should be applied at this point. If the grievance can be resolved, the Chairperson/Director shall provide a statement to that effect to the student and the instructor with a copy to the College Dean.
- D. If the grievance cannot be resolved, the department Chair/Director shall notify both the student and the instructor, informing the student of his/her right to file a written request within three weeks to advance the grievance to the College Level. The instructor may file a written response to the grievance petition. Upon receipt of the student's request to move the process to the College Level and the instructor's response to the grievance (if provided), the Chairperson/Director shall immediately notify the College Dean of the grievance, providing copies of the student's initiating grievance statement, any instructor's written response to the grievance, and the written request from the student to have the process advanced to the College Level. Should the student not file a written request to move the grievance to the College Level within the prescribed time, the grievance will end.

If the grievance concerns the Chairperson/Director or other officials of the department, the student has a right to bypass the departmental process and proceed directly to the College Level.

IV. Resolution at the College Level

- A. Upon receipt of the grievance, the College Dean shall either determine that the matter is not an academic grievance and dismiss it or within three weeks shall establish an Academic Grievance Committee. The membership of the Committee shall be constituted as follows:
 1. Three (3) faculty members and two (2) students (undergraduate or graduate as appropriate to the case) shall be selected from the college by the Dean.
 2. Wherever practical, the Committee shall include neither members of the faculty nor students of the department directly involved with the grievance, nor faculty nor students of the student's major department. However, if requested by the department, committee, or participants, faculty or students from the department involved with the grievance or from the student's major department may provide expert or other relevant testimony in the proceedings.
- B. The Committee will operate in the following manner;
 1. The Committee Chairperson will be appointed by the College Dean from among the three faculty members appointed to the Committee.
 2. The Committee Chairperson shall be responsible for scheduling meetings, overseeing the deliberations of the committee and ensuring that full and fair consideration is provided to all parties. The Committee Chairperson shall vote on committee decisions only when required to break a tie.
 3. All deliberations shall be in private and held confidential by all members of the Committee and those involved in the proceedings. The recommendation of the Committee shall be based on the factual evidence presented to it.
 4. Within three weeks of the Committee appointment, the Committee Chairperson shall deliver in writing to the student, instructor, department Chairperson/Director or Program Director, and College Dean a report of the

findings and a recommended resolution.

5. Within three weeks of receipt of the Committee recommendation, the College Dean shall provide a decision in writing to all parties.
6. The student or the instructor may appeal the decision of the College Dean to the University Level only if the decision of the College Dean is contrary to the recommendation of the Committee or if there is a procedural violation of these Student Academic Grievance Procedures. Such an appeal must be made in writing to the Dean of Undergraduate Studies or Graduate Studies (as appropriate) within three weeks of receipt of the decision from the College Dean. Otherwise, the College Dean's decision is final and not subject to further appeal within the University.

V. Resolution at the University Level:

The Provost/Vice President for Academic Affairs or the Vice President for the Health Sciences Center has delegated authority to the Dean of Undergraduate Studies to act in place of the Provost/Vice President in all academic grievance appeals involving undergraduate students unless the grievance occurred in a program within Undergraduate Studies, wherein it will go back to the Provost to redelegate. The Dean of Graduate Studies will act in place of the Provost/Vice President in all academic grievance appeals involving graduate students.

- A. The student or the instructor may appeal at the University Level within three weeks of the receipt of a decision made at the College Level, when (1) the decision by a College Dean is contrary to the recommendation of a college Grievance Committee, or (2) there is cause to think a procedural violation of these University Academic Grievance Procedures has been made. Within three weeks of receipt of the appeal to the decision, the Undergraduate/Graduate Dean in consultation with the Faculty Senate and the Student Senate, shall appoint an Appeals Committee consisting of three faculty members drawn from the university Undergraduate Council or Graduate Council (as appropriate), and two students, undergraduate or graduate (as appropriate).
- B. The structure, functions and operating procedures of the Appeals Committee will be the same as those of the College Committee (i.e., chaired by one of the appointed faculty members appointed by the Undergraduate/Graduate Dean who will not vote except in the case of a tie, having no representation from either party's respective departments, developing a recommendation to the Undergraduate/Graduate Dean, etc.).
- C. Within three weeks of the appointment, the Committee Chairperson shall deliver in writing to the Undergraduate/Graduate Dean a report of the findings of the Committee and a recommended resolution.
- D. Within three weeks of receipt of the Committee recommendation, the Undergraduate/Graduate Dean shall provide a decision in writing to all parties.
- E. If the Undergraduate/Graduate Dean's decision is that a grade change is merited, the Undergraduate/Graduate Dean shall initiate the grade change on the authority of the Provost and so inform all parties. In all academic grievance appeals, the Undergraduate/Graduate Dean's decision is final and not subject to further appeal within the University.

These procedures shall take effect commencing Fall Semester, 2005, and shall supercede all other academic grievance procedures currently in effect, with the exception of the procedures of the College of Medicine.

* Departments may develop their own formal procedures for considering grievances. Such procedures must be considered and approved by the College Dean and the Provost, and published on the Department's web site. When such procedures exist, the Department's examination of the grievance will

unfold as specified in the procedures. If the Departmental process upholds the student's grievance, the Department Chair will work with the College, the student and the instructor to remedy the situation. If the Department does not uphold the grievance, the Chair will report the fact to the Dean. The student may, in such cases, request the College Level review as outlined in these university procedures.

Procedures for Alleged Academic Dishonesty or Disruption of Academic Process

Alleged violations of academic dishonesty or alleged disruptions of academic process will be handled initially by the instructor, who will discuss the incident with the student. It must be noted that the Faculty Senate considers the traditional relationship between student and faculty member as the primary means of settling disputes that may arise. If the instructor observes the alleged dishonesty occurring during an examination, he/she should, with discretion, notify the student of the fact before the student leaves the examination. In all cases, the instructor must attempt to schedule a meeting with the student to discuss the alleged dishonesty or disruptions.

After the discussion, if the student and instructor have reached a mutual agreement as to the solution, the instructor shall file a statement with the chairperson of the department or equivalent, e.g. campus dean, responsible for the course outlining the facts of the incident and the agreed-upon solution signed by both the instructor and student. A copy of this statement shall be given to the student. If no solution is reached, the matter should be referred to the chairperson of the department or the equivalent, e.g. campus dean, for attempt at resolution.

Academic Dishonesty

Students attending USF are awarded degrees in recognition of successful completion of coursework in their chosen fields of study. Each individual is expected to earn his/her degree on the basis of personal effort. Consequently, any form of cheating on examinations or plagiarism on assigned papers constitutes unacceptable deceit and dishonesty. Disruption of the classroom or teaching environment is also unacceptable. This cannot be tolerated in the University community and will be punishable, according to the seriousness of the offense, in conformity with this rule.

Plagiarism

Plagiarism is defined as "literary theft" and consists of the unattributed quotation of the exact words of a published text, or the unattributed borrowing of original ideas by paraphrase from a published text. On written papers for which the student employs information gathered from books, articles, web sites, or oral sources, each direct quotation, as well as ideas and facts that are not generally known to the public at large, or the form, structure, or style of a secondary source must be attributed to its author by means of the appropriate citation procedure. Only widely known facts and first-hand thoughts and observations original to the student do not require citations. Citations may be made in footnotes or within the body of the text. Plagiarism also consists of passing off as one's own segments or the total of another person's work.

1. Examples of proper citation (footnote format) are as follows [Footnoting/citation styles will depend upon those used by different academic disciplines. Many disciplines in the Natural Science areas, for example, will cite the sources within the body of the text.]

- a. "Plagiarism, from a Latin word meaning 'kidnapping,' ranges from inept paraphrasing to outright theft." 1[Direct quotation] 1Harry Shaw, *Concise Dictionary of Literary Terms* (McGraw-Hill, 1972), pp. 209-210.
- b. As Harry Shaw states in his *Concise Dictionary of Literary Terms*, "Plagiarism, from a Latin word meaning 'kidnap-

ping,' ranges from inept paraphrasing to outright theft." 1[Direct quotation with an introductory statement citing the source.] 1(McGraw-Hill, 1972), pp. 209-210.

- c. Plagiarism is literary theft. To emphasize that point, Harry Shaw states that the root of the word comes from the Latin word meaning "kidnapping." 1[Paraphrasing] 1Concise Dictionary of Literary Terms (McGraw-Hill, 1972), pp. 209-210.
 - d. In defining plagiarism, "Strategies for Teaching with Online Tools" suggests that visibility makes intellectual theft less probable. 1[Paraphrasing a Web site] 1<http://bedfordstmartins.com/technotes/hccworkshop/plagiarism.htm>
2. Examples of proper citation (in body of text):
 - a. Shaw (1972) states that the root of the word comes from the Latin word meaning "kidnapping." [Paraphrasing; complete information about source will be cited in a section at the close of the text.]
 - b. Shaw (1972) was correct when he stated that "plagiarism, from a Latin word meaning 'kidnapping,' ranges from inept paraphrasing to outright theft." [Quotation; complete information about source will be cited in a section at the close of the text.]
 - c. Plagiarism.org suggests that a searchable database of papers might assuage what Shaw called a "kidnapping" of intellectual content. [Paraphrasing of a Web site; the complete information on the Web site will appear in the works cited section.]
 3. The following are examples of plagiarism because sources are not cited and appropriate quotation marks are not used:
 - a. Plagiarism, from a Latin word meaning "kidnapping," ranges from inept paraphrasing to outright theft.
 - b. Plagiarism comes from a Latin word meaning "kidnapping" and ranges from paraphrasing to theft.
 - c. Plagiarism ranges from inept paraphrasing to outright theft.
 - d. Visibility online makes plagiarism much more difficult for the would-be thief.

Punishment Guidelines for Plagiarism:

The student who submitted the subject paper, lab report, etc., shall receive an "F" with a numerical value of zero on the item submitted, and the "F" shall be used to determine the final course grade. It is the option of the instructor to assign the student a grade of F or FF (the latter indicating dishonesty) in the course.

Cheating

Cheating is defined as follows: (a) the unauthorized granting or receiving of aid during the prescribed period of a course-graded exercise: students may not consult written materials such as notes or books, may not look at the paper of another student, nor consult orally with any other student taking the same test; (b) asking another person to take an examination in his/her place; (c) taking an examination for or in place of another student; (d) stealing visual concepts, such as drawings, sketches, diagrams, musical programs and scores, graphs, maps, etc., and presenting them as one's own; (e) stealing, borrowing, buying, or disseminating tests, answer keys or other examination material except as officially authorized, research papers, creative papers, speeches, other graded assignments, etc. (f) Stealing or copying of computer programs and presenting them as one's own. Such stealing includes the use of another student's program, as obtained from the magnetic media or interactive terminals or from cards, print-out paper, etc.

Penalties for Academic Dishonesty:

Penalties for academic dishonesty will depend on the seriousness of the offense and may include assignment of an "F" or a numerical value of zero on the subject paper, lab report, etc., an "F" or an "FF" grade (the latter indicating academic

dishonesty) in the course, suspension or expulsion from the University. A student who receives an "FF" grade may not use the university's Grade Forgiveness Policy if the course is subsequently repeated. An "FF" grade assigned to indicate academic dishonesty is reflected only on internal records and prevents the student from repeating the course using the Grade Forgiveness Policy. If a student who has been accused of academic dishonesty drops the course, the student's registration in the course will be reinstated until the issue is resolved. Procedures for student notification and the option of appeal concerning the academic dishonesty remain with the instructor and/or department chair. (See Procedures for Alleged Academic Dishonesty or Disruption of Academic Process.) Notice that a student has been dismissed for reasons of academic dishonesty will be reflected on the student's transcript with the formal notation: Dismissed for Academic Dishonesty.

For the first "FF" recorded in a student's USF academic record, the student will receive a letter from the Dean of Undergraduate Studies informing him or her of being placed on "Academic Dishonesty Warning" for the remainder of enrollment at USF and of appeal rights for the "FF" grade. Students with any "FF" grade on record will not be eligible for honors at graduation.

For the second "FF" recorded, the student will be suspended for one full semester and readmitted only after writing a clear statement indicating remorse, understanding of the seriousness of the offense, and understanding of the importance of integrity in all areas, including academic work. A letter informing him or her of this action and appeal rights will be sent from the Dean of Undergraduate Studies.

For the third "FF" recorded, the student will be permanently dismissed from the university for violations of academic integrity and with notice of that dismissal as a part of the formal record and transcript.

Note that the maximum penalty for receipt of any "FF" grade may be permanent dismissal from the university for violations of academic integrity and with a notice of that dismissal as a part of the student's formal record and transcript.

The following penalties are generally assigned in cases when the maximum penalty is not appropriate.

- a. For observation of or exchanging test information with other students during the course of a classroom test, the students who receive or give such information may receive an "F" with a numerical value of zero on the test, and the "F" shall be used to determine the final course grade. It is the option of the instructor to fail the student in the course and assign an "F" or "FF" grade for the course.
- b. For the use of any prohibited device, such as a cheat sheet, recording, calculator if forbidden on exam, etc., during the course of a classroom test to assist the student or other students, the student using such prohibited device may receive an "F" or "FF" in the course.
- c. For the use of another student, a stand-in, to take an examination for the enrolled student, it is suggested that the enrolled student receive an "F" or "FF" in the course and be suspended from school for one year and that the stand-in, if a University student, be suspended from school for one year.
- d. For stealing, borrowing, or buying of research papers, creative works, speeches or tests and other exam materials, or other graded assignments, or the dissemination of such materials, or the manipulation of recorded grades in a grade book or other class records, the student, if enrolled in the course, may receive an "F" or "FF" in the course and may be expelled from the University.
- e. It is suggested that students who plagiarize or receive or give stolen computer programs receive an "F" with a numerical value of zero on the assignment, program or programs, and the "F" be used to determine the final course grade. It is the option of the instructor to fail the student in the course and assign an "F" or "FF" grade for the course.

Disruption of Academic Process

Disruption of academic process is defined as the act or words of a student in a classroom or teaching environment which in the reasonable estimation of a faculty member: (a) directs attention from the academic matters at hand, such as noisy distractions; persistent, disrespectful or abusive interruptions of lecture, exam or academic discussions, or (b) presents a danger to the health, safety or well being of the faculty member or students.

Punishment Guidelines for Disruption of Academic Process:

Punishments for disruption of academic process will depend on the seriousness of the disruption and will range from a private verbal reprimand to dismissal from class with a final grade of "W," if the student is passing the course, shown on the student record. If the student is not passing, a grade of "F" will be shown on the student record. Particularly serious instances of disruption or the academic process may result in suspension or permanent expulsion from the University.

Hearings

Emergency Hearings. An expedited emergency hearing may be held before an academic administrator appointed by the dean or by the appointed academic committee in cases that involve the safety, health or welfare of any student or staff member.

Liberal Arts Requirements

Liberal Arts Requirements

All new USF students and Former Students Returning are required to take 45 semester hours to satisfy the complete liberal arts requirements. Thirty-six (36) semester hours will satisfy the general education course requirements and 9 semester hours will satisfy the exit requirements. Students seeking second baccalaureate degrees (those coded as 5B) are exempt from the 9 semester hour exit requirements. The requirements are distributed as follows:

General Education Requirements*	Sem. Hours
English Composition	6
Quantitative Methods	6
Natural Sciences	6
Social Sciences	6
Historical Perspectives	6
Fine Arts	3
African, Latin American, Middle Eastern or Asian Perspectives	3
	36
Exit Requirements*	
Major Works and Major Issues	6
Literature and Writing	3
	9

*Courses may be certified in more than one area, but students may use each course in **only** one (1) area.

LIBERAL ARTS GENERAL EDUCATION COURSE REQUIREMENTS (36 Semester Hours)

English Composition: This requirement consists of a minimum of six (6) semester hours of approved course work in English Composition. Students may satisfy this requirement during the second semester freshman level of composition in the following ways: by earning a letter grade of "C-" or better at USF or another institution or by receiving AP or IB English credit. Students with satisfactory CLEP performance will satisfy part of the English Composition requirement, but they will still need to complete ENC 1102 or its equivalent. To satisfy the Gordon Rule, students must earn a letter grade of "C-" or better in each of these courses.

Quantitative Methods: Competence in a minimum of six (6)

semester hours of approved mathematics coursework (see the list below). These courses should include both a practical component-providing students with an appreciation of how course content relates to their everyday experiences, and an historical component-providing students with an understanding of the application of the material to other disciplines. To satisfy the Gordon Rule, students must earn a letter grade of "C-" or better in each of these courses.

Only the courses in the list below may be used to satisfy the General Education Quantitative Methods requirement. At least one course must have either an MAC or an MGF prefix. The other course may be any course in the list. To satisfy the Gordon Rule, students must earn a letter grade of "C-" or better in these courses.

While CGS 2060 is applicable to the Gordon Rule Computation requirement, it cannot be used to satisfy USF's General Education Quantitative Methods requirement.

Natural Sciences: Students should successfully complete a minimum of six (6) semester hours of approved coursework in the natural sciences. Students are encouraged to enroll in courses with a laboratory component. It is a goal that all students have at least one science course with a laboratory; however, facilities and personnel resources prohibit that requirement at this time. Courses may be interdisciplinary. The courses may deal with the content, theories, history, presuppositions, and methods of the discipline. They will include demonstrations and address problems, ambiguities, and different perspectives in the discipline. They will also provide students with an appreciation of how the discipline fits within the natural sciences and relates to their own lives and the broader human experience.

Social Sciences: Students must successfully complete a minimum of six (6) semester hours of approved coursework in the social sciences; the courses may be interdisciplinary and need not be sequential. Courses in the social sciences shall involve those disciplines considered to be social sciences in that they deal theoretically and empirically with individuals and their relationships to each other and to society. Courses must deal with the content, theories, history, presuppositions, and methods of the discipline. They should also address problems, ambiguities, and different perspectives in the discipline. These courses will provide students with an appreciation of how the discipline fits within the social sciences and relates to their own lives and the broader human experience.

Historical Perspectives: A minimum of six (6) semester hours of approved coursework in artistic, cultural, economic, intellectual, religious, social, and/or political history is required. At least three (3) semester hours will be in the history of Western Civilization. Courses are not limited to those in the discipline of history; however, the courses will have a historical perspective in that they provide students with a sense of the evolution of societies and peoples, including analysis of their history. A sense of chronology is necessary in these courses, but not sufficient. A historical perspective also entails analyses of various elements, such as the intellectual, cultural, artistic, economic, social, political, and religious characteristics of societies and peoples.

Fine Arts: Students are required to successfully complete a minimum of three (3) semester hours of approved coursework in the fine arts. Courses in the fine arts shall involve those disciplines considered to be fine arts in that they deal theoretically and experientially with the aesthetic dimensions of individuals and groups. Courses will concern the creative experience that takes into account the perspectives of both the artist and the public. They may be interdisciplinary and must involve the content, theories, history, presuppositions, and methods of the fine arts. They will address problems, ambiguities, and different perspectives in the disciplines of fine arts. These courses will also provide students with an appreciation of how the disciplines fit within fine arts and relate to their everyday experiences.

African, Latin American, Middle Eastern, or Asian Perspectives (ALAMEA): Students will take a minimum of three (3)

semester hours of approved coursework in one of the above listed geographical areas. Course content may include social, political, and economic as well as artistic, cultural, and intellectual subject matter. The material will be presented within a geographical, chronological, and/or humanities background and will necessarily be selective.

All courses listed are certified as meeting the General Education requirement as of November, 2004. Additional courses may have been certified since that date. Please consult with an academic advisor for current and additional information.

LIBERAL ARTS GENERAL EDUCATION REQUIREMENT

ENGLISH COMPOSITION

ENC 1101	Composition I -6A	(3)
ENC 1102	Composition II -6A	(3)
ENC 1121	Composition I: Honors -6A	(3)
ENC 1122	Composition II: Honors -6A	(3)

QUANTITATIVE METHODS

MAC 1105	College Algebra -6A	(3)
MAC 1140	Precalculus Algebra -6A	(3)
MAC 1147	Precalculus Algebra and Trigonometry -6A	(4)
MAC 2233	Business Calculus -6A	(4)
MAC 2241	Life Sciences Calculus I -6A	(4)
MAC 2242	Life Sciences Calculus II -6A	(4)
MAC 2281	Engineering Calculus I -6A	(4)
MAC 2282	Engineering Calculus II -6A	(4)
MAC 2311	Calculus I -6A	(4)
MAC 2312	Calculus II -6A	(4)
MGF 1106	Finite Mathematics -6A	(3)
MGF 1107	Mathematics for Liberal Arts -6A	(3)
MGF 2131	Chaos and Fractals -6A	(3)
MGF 3301	Bridge to Abstract Mathematics -6A	(4)
PHI 2101	Introduction to Formal Logic -6A	(3)
PSY 3204	Psychological Statistics -6A	(3)
QMB 1000	Business And Economic Statistics I -6A	(3)
STA 1022	Basic Statistics -6A	(3)
STA 2023	Introductory Statistics I -6A	(4)
STA 2122	Social Science Statistics -6A	(3)

NATURAL SCIENCES

ANT 2511	Biological Anthropology	3
ANT 4586	Prehistoric Human Evolution	3
AST 2003	Astronomy of the Solar System	4
AST 2004	Stellar Astronomy and Cosmology	4
AST 3033	Contemporary Thinking in Astronomy	3
BMS 4402	Principles of Human Pharmacology	3
BSC 1005	Principles of Biology For Non-Majors	3
BSC 2010	Biology I - Cellular Processes	3
BSC 2011	Biology II - Diversity	3
BSC 2022	Biology of Aging	3
BSC 2025	Food: Personal and Global Perspectives	3
BSC 2030	Save The Planet: Environmental Sciences	3
BSC 2035	Sex and Today's World	3
BSC 2050	Environment	3
BSC 2085	Anatomy and Physiology I for Nursing and other Healthcare Professionals	3
BSC 2086	Anatomy and Physiology II for Nursing and other Healthcare Professionals	3
CHM 2021	Chemistry For Today	4
CHM 2045	General Chemistry I	3
CHM 2046	General Chemistry II	3
EVR 2001	Introduction to Environmental Science	3
GEO 2200	Introduction to Physical Geography	3
GEO 2371	Introduction to Earth Systems Science	3
GEO 4244	Tropical Meteorology	4
GLY 2000	Earth and Environmental Systems	3

GLY 2010	Dynamic Earth: Introduction to Physical Geology	3
GLY 2030	Hazards of the Earth's Surface: Environmental Geology	3
GLY 2040	Origins: From the Big Bang to the Ice Age	3
GLY 2050	Science, Earth and Life	3
GLY 2100	History of the Earth and Life	3
ISC 1004	Integrated Natural Sciences I: Science that Matters	3
ISC 1005	Integrated Natural Sciences II: Science that Matters	3
OCE 2001	Introduction to Oceanography	3
PHI 1401	Science and Society -6A	3
PHY 2020	Conceptual Physics	3
PHY 2048	General Physics I	3
PHY 2049	General Physics II	3
PHY 2053	General Physics I	3
PHY 2054	General Physics II	3
PHY 2515	Energy and Humanity	3

SOCIAL SCIENCES

AFA 4150	Africa and the United States -6A	3
AFS 3251	Environmental - Cultural Study in Africa	3
AMS 2030	Introduction to American Studies	3
AMS 3601	Material Culture and American Society	3
AMS 3700	Racism in American Society	3
ANT 2000	Introduction to Anthropology	4
ANT 2410	Cultural Anthropology	3
ANT 3101	Archaeology	3
ANT 3610	Anthropological Linguistics	3
ASH 3404	Modern China	4
ASN 3012	Japan Today	3
CCJ 3003	Crime and Justice in America	4
CCJ 3024	Survey of the Criminal Justice System	3
CLP 2001	Psychology of Adjustment	3
COM 2000	Introduction to Communication	3
CPO 2002	Introduction to Comparative Politics	3
CPO 4034	Politics of the Developing Areas	3
CPO 4204	Government and Politics of Africa	3
DEP 3103	Child Psychology	3
ECO 1000	Basic Economics	3
ECO 2013	Economic Principles (Macroeconomics)	3
ECO 2023	Economic Principles (Microeconomics)	3
EGN 3615	Engineering Economics with Social and Global Implications	3
EUS 3000	Europe	3
EUS 3022	Russia	3
FRE 4392	African Images in Francophone Film	3
GEA 2000	World Regional Geography	4
GEB 2350	Doing Business Around the World	3
GEO 1930	Geography of Current Events	4
GEY 2000	Introduction to Gerontology	3
GEY 3625	Sociocultural Aspects of Aging -6A	3
GEY 4612	Psychology of Aging	3
GEY 4628	Minority Aging	3
GEY 4641	Death and Dying	3
GEY 4647	Ethical and Legal Issues of Aging	3
HSC 2100	Contemporary Health Science	3
HSC 2133	Sex, Health, and Decision-Making	3
IDS 2664	Social Science Perspectives I	3
IDS 2665	Social Science Perspectives II	3
IDS 2933	Selected Topics III	3
IDS 2934	Selected Topics IV	3
INP 2101	Applied Psychology	3
INR 1015	World Perspective	3
INR 3038	International Wealth and Power	3
INR 3084	International Terrorism	3
INR 4403	International Law	3
INR 4502	International Organizations	3
ISS 1101	Knowledge and Society	3
ISS 1102	Self and Society	3
ISS 1103	Nature and Culture	3
MMC 3602	Mass Communications and Society	3

PAD 3003	Introduction to Public Administration	3	CLA 3123	Roman Civilization	3
PHI 1103	Critical Thinking	3	CLT 3370	Classical Mythology	3
PHI 1401	Science and Society -6A	3	EGN 2031	History of Technology	3
PHI 1600	Introduction to Ethics	3	EGN 2082	History of Electrotechnology	3
PHI 2630	Contemporary Moral Issues	3	ENL 3334	Shakespeare from an Historical Perspective	3
PHI 2631	Ethics and Business	3	EUH 2011	Ancient History I	3
PHI 3640	Environmental Ethics	3	EUH 2012	Ancient History II	3
PHI 3700	Philosophy of Religion -6A	3	EUH 2021	Medieval History I	3
PHM 3100	Social Philosophy -6A	3	EUH 2022	Medieval History II	3
POS 2080	The American Political Tradition	3	EUH 2030	Modern European History I	3
PSY 2012	Introduction to Psychological Science	3	EUH 2031	Modern European History II	3
PSY 3017	Psychological Science II	3	EUS 3022	Russia	3
REL 2300	Introduction to World Religions	4	FRE 4392	African Images in Francophone Film	3
REL 3101	Religion and Popular Culture	3	GEA 2000	World Regional Geography	4
REL 3111	The Religious Quest in Contemporary Films -6A	4	GET 4293	New German Cinema to Present	4
REL 3116	Religion and Contemporary American Holidays	3	GEW 4750	Women in Contemporary German Literature and Film	3
REL 3117	Religion and Contemporary American Sports	3	HUM 2210	Studies in Culture: The Classical Through Medieval Periods	3
REL 3170	Religion, Ethics and Society Through Film -6A	4	HUM 2230	Studies in Culture: The Renaissance Through the Twentieth Century	3
REL 3308	World Religions -6A	3	HUM 3252	Studies in Culture: The Twentieth Century	3
REL 3318	Introduction to Chinese Religion	3	IDS 2666	Historical Perspectives I	3
REL 3330	The Religions of India	3	IDS 2667	Historical Perspectives II	3
REL 3607	Introduction to Judaism -6A	3	IDS 2931	Selected Topics	2-5
SOP 3742	Psychology of Women	3	IDS 2932	Selected Topics	3
SOW 3203	The American Social Welfare System	3	LAH 2020	Latin American Civilization	3
SPA 3002	Introduction to Disorders of Speech and Language	3	LAH 2734	Latin American History in Film	3
SPC 2541	Persuasion	3	LIT 2000	Introduction to Literature -6A	3
SPC 2600	Public Speaking	3	LIT 2010	Introduction to Fiction -6A	3
SPC 3301	Interpersonal Communication	3	LIT 2030	Introduction to Poetry -6A	3
SPC 3710	Communication and Cultural Diversity	3	LIT 2040	Introduction to Drama -6A	3
SYD 3700	Racial and Ethnic Relations	3	LIT 3022	Modern Short Novel	3
SYG 2000	Introduction to Sociology	3	LIT 3144	Modern European Novel -6A	3
SYG 2010	Contemporary Social Problems	3	LIT 3155	Modern Literature -6A	3
SYP 3000	Social Psychology	3	MMC 3602	Mass Communications and Society	3
WST 2600	Human Sexual Behavior	3	MUL 2111	Introduction To Music Literature -6A	3
WST 3015	Introduction to Women's Studies	3	PHH 2000	Introduction to Philosophy -6A	3
WST 3311	Issues in Feminism	3	PHI 1600	Introduction to Ethics	3
WST 3440	Women and Social Action	3	PHM 3100	Social Philosophy -6A	3
HISTORICAL PERSPECTIVE			PHP 3786	Existentialism -6A	3
AFA 4150	Africa and the United States -6A	3	POS 2080	The American Political Tradition	3
AFA 4502	Middle Passage	3	REL 2300	Introduction to World Religions -6A	4
AFH 3100	African History to 1850	3	REL 2306	Contemporary World Religions	4
AFH 3200	African History since 1850	3	REL 3101	Religion and Popular Culture	3
AMH 2010	American History I	3	REL 3111	The Religious Quest in Contemporary Films -6A	4
AMH 2020	American History II	3	REL 3116	Religion and Contemporary American Holidays	3
AMH 3571	African American History to 1865	3	REL 3117	Religion and Contemporary American Sports	3
AMH 3572	African American History since 1865	3	REL 3170	Religion, Ethics and Society Through Film -6A	4
AML 3413	Historical Perspectives in Early American Literature	3	REL 3308	World Religions -6A	3
AMS 2030	Introduction to American Studies	3	REL 3318	Introduction to Chinese Religion	3
AMS 2201	Colonial American Culture	3	REL 3363	Introduction to Islam	3
AMS 2212	Nineteenth-century American Culture	3	REL 3367	Islam in the Modern World -6A	3
AMS 2270	Twentieth-century American Culture	3	REL 3500	History of Christianity -6A	4
AMS 3001	American Culture 1880-1915 -6A	4	REL 3607	Introduction to Judaism -6A	3
AMS 3210	Regions of America	4	REL 4215	Ancient Israel and the Development of the Hebrew Bible -6A	3
AMS 3260	American Culture, 1830-1860 -6A	4	REL 4218	Women and the Bible -6A	3
AMS 3370	Southern Women: Myth and Reality -6A	3	SLS 4273	Theories of Leadership	3
AMS 3601	Material Culture and American Society	3	SPC 3230	Rhetorical Theory	3
AMS 3700	Racism in American Society	3	SPC 3631	Rhetoric of the Sixties	3
ARC 2211	Introduction to Architecture	3	SYD 3700	Racial and Ethnic Relations	3
ARC 2701	Architectural History I	3	WOH 3293	Islam in World History	4
ARC 2702	Architectural History II	3	WST 2250	Female Experience in America	3
ARH 2050	History of Visual Arts I	3	WST 3210	European Feminist History: Pre-18th Century -6A	3
ARH 2051	History of Visual Arts II	3	WST 3220	European Feminist History: Enlightenment to the Present	3
ARH 3001	Introduction To Art	4			
ARH 3475C	Contemporary Issues in Art	4			
ASH 3404	Modern China	4			
CLA 3103	Greek Civilization	3			

FINEARTS

AFS 3251	Environmental - Cultural Study in Africa	3
ARC 2131	Introduction to Architectural Design and Graphics	4
ARC 2211	Introduction to Architecture	3
ARC 2701	Architectural History I	3
ARC 2702	Architectural History II	3
ARH 2050	History of Visual Arts I	3
ARH 2051	History of Visual Arts II	3
ARH 3001	Introduction To Art	4
ARH 3475C	Contemporary Issues in Art	4
ART 2201C	Fabrications I	3
ART 2203C	Fabrications II	3
DAN 2100	Introduction To Dance -6A	3
EGN 2080	Light and the Arts: A Quantitative Approach	3
FIL 2001	Film: The Language Of Vision -6A	4
FIL 3510	World Cinema -6A	4
HUM 1020	The Arts	3
IDS 3662	Arts Connections	3
MUC 2301	Introduction to Electronic Music	3
MUH 2051	Folk And Traditional Music Of World Cultures	3
MUH 2632	Music In The United States	3
MUH 3016	Survey Of Jazz	3
MUL 2111	Introduction To Music Literature -6A	3
MUL 3001	Issues In Music	2-3
MUL 3012	Music In Your Life	3
THE 2005	Languages of the Stage	3
THE 2252	Great Performances on Film	3
WOH 3293	Islam in World History	4

ALAMEA

AFA 2000	Introduction to the Black Experience [In Africa and Its Diaspora] -6A	3
AFA 4150	Africa and the United States -6A	3
AFA 4502	Middle Passage	3
AFH 3100	African History to 1850	3
AFH 3200	African History since 1850	3
AFS 2250	Culture and Society in Africa -6A	3
AFS 3251	Environmental - Cultural Study in Africa	3
ANT 2000	Introduction to Anthropology	4
ANT 2410	Cultural Anthropology	3
ANT 3005	The Anthropological Perspective	3
ASH 3404	Modern China	4
ASN 3014	China Today	3
ASN 3030	The Middle East	3
CPO 4034	Politics of the Developing Areas	3
CPO 4204	Government and Politics of Africa	3
ECS 4430	Economics of Latin America	3
EUS 3022	Russia	3
FRE 4392	African Images in Francophone Film	3
GEA 2000	World Regional Geography	4
GEY 3625	Sociocultural Aspects of Aging -6A	3
HUM 3271	Eastern and Western Culture from Antiquity to 1400	3
HUM 3273	Eastern and Western Culture Since 1400	3
INR 1015	World Perspective	3
INR 3084	International Terrorism	3
INR 4502	International Organizations	3
LAH 2020	Latin American Civilization	3
LAH 2734	Latin American History in Film	3
LAS 3116	Latin America Through Film	3
LIN 2002	Language and a Movie	2-3
MUH 2051	Folk And Traditional Music Of World Cultures	3
MUL 3001	Issues In Music	2-3
REL 3318	Introduction to Chinese Religion	3
REL 3330	The Religions of India	3
REL 3363	Introduction to Islam	3
REL 3367	Islam in the Modern World -6A	3
REL 3607	Introduction to Judaism -6A	3

REL 4215	Ancient Israel and the Development of the Hebrew Bible -6A	3
REL 4218	Women and the Bible -6A	3
SPW 4130	Survey of Spanish American Literature I	3
SYD 3441	Peasant Perspectives	3
SYG 3235	Latina Lives	3
WST 3015	Introduction to Women's Studies	3

**LIBERAL ARTS EXIT REQUIREMENTS
FOR UNDERGRADUATES IN ALL DISCIPLINES
(9 Semester Hours)**

A student's liberal arts education will continue throughout the college years and not be limited to a relatively small number of required courses in the first two years of college. Exit requirements will provide students with an opportunity during their junior and senior years at USF to integrate their knowledge within the context of liberal arts. Courses that satisfy the exit requirements will, where appropriate, incorporate considerations of values and ethics; international and environmental perspectives; race and ethnicity; and gender. By their junior and senior years, students will have a foundation in liberal arts and be better able to reflect upon ethical issues in a constructive way. Students graduating from the College of Education or the College of Engineering may be required to complete only six hours (two exit courses) and should consult with their advisors regarding exceptions to this requirement. Students seeking second baccalaureate degrees (those coded as 5B) are exempt from the liberal arts exit requirements.

Students will take at least one of the Liberal Arts Exit courses outside their disciplinary cluster(s). For purposes of this policy, the term "discipline" refers to the following fields: business, education, engineering, fine arts, health sciences, letters, natural sciences, and social sciences (See list below of "Outside the Disciplinary Cluster" Liberal Arts Exit Courses). One of the Major Works and Major Issues courses, if taken outside the student's major disciplinary cluster(s), may be taken for S/U credit with the consent of the instructor. Only courses numbered 3000 or above may be used to satisfy the exit requirements. **Exit requirements must be completed with USF courses.**

All exit requirement courses will be seminar-size courses in which enrollment will be targeted at approximately 20 to 25 students. These courses will be taught by regular faculty.

Students majoring in the College of Education are permitted to graduate with only six credits of Liberal Arts Exit courses, all of which may be taken in the College. The distribution of those six credits varies by major. Students majoring in the College of Engineering are permitted to graduate with only six credits of Liberal Arts Exit courses, and may meet the Literature/Writing requirement by completing ENC 3211. Students graduating from the College of Nursing are permitted to graduate with six credits of Liberal Arts Exit courses, both of which may be Major Works/Issues courses within the College.

Major Works and Major Issues (6 credit hours required):

A portion of the exit requirements consists of a minimum of six (6) semester hours of approved coursework concerning major works and major issues. Courses will focus on major issues, documents, or works, and will allow students to read primary texts. These courses may allow students to delve into topics on an interdisciplinary basis. Students will be encouraged to write enough to fulfill Gordon Rule requirements. One of the Major Works and Major Issues courses, if taken outside the student's major discipline(s), may be taken for S/U credit with the consent of the instructor.

Major Works and Major Issues courses must offer the opportunity for integration of content. These courses will have a liberal arts content and, when appropriate, will contain in-depth discussions of values and ethics, international and environmental perspectives, race and ethnicity, and gender. Courses may be interdisciplinary and may be team taught. This will provide students with an opportunity to explore, in-depth and on an interdisciplinary basis, major topics that are impor-

tant but outside of the major field of study.

Literature and Writing (3 credit hours required): In addition, students will take three (3) semester hours of approved exit requirement coursework in literature and writing. These courses will allow students to read significant literature of the world and write at least 6,000 words. The 6,000-word requirement meets Gordon Rule requirements and is for students who may wish to satisfy some of this requirement with upper-level courses. The writing requirement may be satisfied with assignments that include, for instance, revision and process writing. The course may be taken within the major if appropriate. The courses will focus on the dimensions of values and ethics, international and environmental perspectives, race and ethnicity, and gender.

All students must achieve an overall average of "C" (2.0GPA) in the lower level requirements and a grade of "C" or better in each of the exit requirement courses.

Although post-secondary foreign language courses may not be required for all graduates, students are encouraged to become competent in at least one foreign language. Foreign language study enriches the command of English, enlarges cultural perspective, and enhances learning skills.

All courses listed are certified as meeting the Exit requirement as of November, 2004. Additional courses may have been certified since that date. Please consult with an academic advisor for current and additional information.

LIBERAL ARTS EXIT REQUIREMENT COURSES

MAJOR WORKS AND MAJOR ISSUES

AFA 4313	Black English	3
AFA 4333	The African Diaspora: Blacks in the Construction of the Americas	3
AFA 4335	Black Women in America -6A	3
AFA 4350	African American Community Research	3
AFA 4500	Slavery in the Americas and the Caribbean	3
AFA 4502	Middle Passage	3
AML 4303	Zora Neale Hurston: Major Works -6A	3
AMS 4804	Major Ideas in America	3
ANT 4149	Fantastic Archaeology	3
ANT 4172	Historical Archaeology	3
ANT 4241	Magic and Religion -6A	3
ANT 4302	Gender in Cross-Cultural Perspective	3
ANT 4316	Ethnic Diversity in the United States	3
ANT 4340	The Caribbean -6A	3
ANT 4401	E-6Aploring Cross-Cultural Diversity	3
ANT 4432	The Individual and Culture -6A	3
ARC 4784	The City -6A	3
ARH 3475C	Contemporary Issues in Art	4
ARH 4455	Modern Political Iconography	4
ARH 4710	History of Photography -6A	4
BSC 4057	Environmental Issues	3
CCJ 4934	Seminar in Criminology -6A	3
CEG 4850	Capstone Geotechnical/Transportation Design	3
CES 4740	Capstone Structural/Geotechnical/ Material Design	3
CGN 4122	Professional and Ethical Issues in Engineering	3
CHM 4070	Historical Perspectives in Chemistry -6A	3
CIS 4250	Ethical Issues And Professional Conduct -6A	3
CLT 3101	Greek Literature in Translation -6A	3
CLT 3102	Roman Literature in Translation -6A	3
COM 4030	Women and Communication -6A	3
CWR 4812	Capstone Water Resources/Environmental Design	3
ECH 4615	Plant Design	4
ECO 3703	International Economics	3
ECO 4323	Radical Political Economy	3
ECP 3201	Economics of Women and Work	3
ECP 3302	Environmental Economics	3
ECP 3613	Economics of the Urban Environment	3

ECS 4003	Comparative Economic Systems	3
ECS 4430	Economics of Latin America	3
EDF 3228	Human Behavior and Environmental Selection -6A	3
EDF 3604	Social Foundations of Education	3
EEL 4471	Electromagnetics	3
EEL 4906	Professional Issues and Engineering Design	2
EGN 4831	Technology and Society	3
EIN 4365	Capstone Design	3
EML 4551	Capstone Design	3
ENV 4891	Capstone Environmental Engineering Design	3
EVR 4027	Wetland Environments	3
EVT 4651	Equity in Schools and the Workplace -6A	3
FRE 3502	The Francophone World	3
FRE 4392	African Images in Francophone Film	3
FRT 3001	Great French Love Stories in Translation	3
FRT 3140	French Literary Masterpieces in English Translation -6A	3
FRW 4100	The French Novel	3
FRW 4101	Introduction to French Drama and Poetry	3
GEB 4890	Strategic Management and Decision Making	3
GEO 4372	Global Conservation -6A	4
GEO 4470	Political Geography	4
GEO 4604	Advanced Urban Geography	4
GET 3100	German Literature in English Translation	3
GET 4293	New German Cinema to Present	4
GEY 4635	Business Management in an Aging Society	3
GEY 4647	Ethical and Legal Issues of Aging	3
GLY 4045	Moons, Planets, and Meteors: An Introduction to Planetary Science	3
GLY 4053	Theories and Arguments about the Earth	3
GLY 4734	Beaches and Coastal Environments	3
GLY 4805	Geology and Development of Modern Africa	3
HIS 3308	War and Society	3
HIS 3938	Major Issues in History	3
HIS 4936	Pro-Seminar in History -6A	4
HUM 4938	Major Issues in the Humanities	3
IDS 3115	Values and Choices -6A	3
IDS 3186	Scientific and Ethical Dimensions of Human Disease	3
IDS 3663	Critical Issues Affecting the Arts -6A	3
INR 3018	World Ideologies	3
INR 3033	International Political Cultures	3
INR 3202	International Human Rights	3
INR 4083	Conflict In The World	3
INR 4254	Africa in World Affairs	3
INR 4936	Senior Seminar	3
ISS 4935	Seminar in the Social Sciences	3
LIT 3103	Great Literature of the World -6A	3
LIT 3155	Modern Literature -6A	3
LIT 3301	Cultural Studies and the Popular Arts -6A	3
LIT 3374	The Bible As Literature	3
LIT 3383	The Image of Women in Literature -6A	3
LIT 3451	Literature and the Occult -6A	3
LIT 4386	British and American Literature by Women -6A	3
LIT 4804	Literature as Cultural Study	3
MHF 4403	The Early History of Mathematics	3
MHF 4406	The History of Modern Mathematics	3
MHS 4052	Human Relations Skills in Counseling	4
MUH 3301	Music History/Baroque And Classic	3
MUH 3302	Music History/Romantic And 20th Century	3
MUH 4058	Intercultural Music In The Twentieth Century	3
NGR 6080	Family and Population-Based Health Promotion	3
NGR 6121	Theoretical Basis Of Advanced Practice Nursing -6A	3
NGR 6135	Ethical, Legal, and Policy Issues in Advanced Nursing Practice -6A	3
NUR 3826	Ethical Legal Aspects in Nursing and	3

NUR 4097	Health Care	3	THE 3110	Theatre History I	3
NUR 4178	Introduction to Nursing Humanities	3	THE 3111	Theatre History II	3
NUR 4194	Complimentary and Alternative Therapies	3	THE 4174	New British Theatre and Drama -6A	3
	An Interdisciplinary Perspective in HIV		THE 4180	Theatre Origins -6A	3
	Disease -6A	3	THE 4320	Theatre of Myth and Ritual/Northern	
NUR 4195	Issues in Advanced Illness, Dying & Death	3		European (950-1600) & Oriental	
NUR 4330	Classroom Management of Children with			(400-1200) -6A	3
	Acute and Chronic Conditions	3	THE 4330	Shakespeare for The Theatre -6A	3
NUR 4397	Strategies to Reduce Child and Adolescent		THE 4401	American Drama -6A	3
	Health Disparities	3	THE 4434	Caribbean Theatre -6A	3
NUR 4636	Community/Public Health:		THE 4435	Theatre of Pluralism -6A	3
NUR 4645	Substance Abuse Across the Lifespan -6A	3	THE 4562	Contemporary Performance Theory -6A	3
NUR 4655	Cultural Diversity in Health and Issues	3	WST 3225	Women, Environment and Gender	3
PAD 4144	Nonprofit Organizations and Public		WST 4310	History of Feminism in the U.S. -6A	3
	Policy -6A	3	WST 4350	Women and Science	3
PET 3252	Issues in Sport	3	WST 4522	Classics in Feminist Theory	3
PHH 4600	Contemporary Philosophy -6A	3	ZOO 4512	Sociobiology	3
PHH 4700	American Philosophy -6A	3			
PHI 4073	African Philosophy	3	LITERATURE AND WRITING		
PHI 4300	Theory of Knowledge -6A	3	AFS 3153	African Literature Survey -6A	3
PHI 4320	Philosophy of Mind -6A	3	AML 3604	African American Literature -6A	3
PHI 4632	Feminist Ethics	3	AML 4303	Zora Neale Hurston: Major Works -6A	3
PHI 4800	Aesthetics -6A	3	AML 4624	Black Women Writers -6A	3
PHM 4120	Major Black Thinkers	3	CLA 3501	Women in Antiquity -6A	3
PHM 4322	Ancient and Medieval Political Philosophy	3	DAN 4134	Dance History Through the 19th Century -6A	3
PHM 4331	Modern Political Philosophy -6A	3	EEC 4008	Literature in Early Childhood Education -6A	3
PHM 4340	Contemporary Political Philosophy -6A	3	EEX 4742	Narrative Perspectives on Exceptionality:	
PHP 4000	Plato -6A	3		Cultural and Ethical Issues -6A	3
PHP 4010	Aristotle -6A	3	ENC 3246	Communication for Engineers-6A	3
PHP 4740	The Rationalists -6A	3	FRT 3140	French Literary Masterpieces in English	
PHP 4745	The Empiricists -6A	3		Translation -6A	3
PHP 4788	Philosophy of Mar-6Aism -6A	3	IDS 3668	Images of Contemporary Urban Culture -6A	3
PHY 4031	Great Themes in Physics -6A	3	LAE 4414	Teaching Literature in the Elementary	
POS 4694	Women and Law II -6A	3		School, Grades K-6 -6A	3
POT 4661	The Politics of Identity, Difference and		LAE 4416	Teaching Literature and Writing in the	
	Inequality	3		Elementary Grades -6A	3
PUP 4323	Women and Politics -6A	3	LAE 4464	Adolescent Literature for Middle and	
REL 3114	Comedy, Tragedy, and Religion -6A	3		Secondary Students -6A	3
REL 3146	Womanist Vision in Religion	3	LIT 3103	Great Literature of the World -6A	3
REL 3191	Life After Death	4	LIT 3155	Modern Literature -6A	3
REL 3280	Biblical Archaeology	3	LIT 3301	Cultural Studies and the Popular Arts -6A	3
REL 3303	Comparative Religion: Judaism and Islam	3	LIT 3383	The Image of Women in Literature -6A	3
REL 3375	Issues in Caribbean Religions	3	LIT 3451	Literature and the Occult -6A	3
REL 3465	Religion and the Meaning of Life -6A	3	LIT 4386	British and American Literature by	
REL 3561	Roman Catholicism -6A	3		Women -6A	3
REL 3602	Classics of Judaism -6A	3	NGR 6121	Theoretical Basis Of Advanced Practice	
REL 3613	Modern Judaism -6A	3		Nursing -6A	3
REL 4113	The Hero and Religion	3	NGR 6135	Ethical, Legal, and Policy Issues in	
REL 4133	Mormonism in America	3		Advanced Nursing Practice -6A	3
REL 4171	Contemporary Christian Ethics -6A	4	NUR 4194	An Interdisciplinary Perspective in HIV	
REL 4177	Comparative Religious Ethics -6A	4		Disease -6A	3
REL 4215	Ancient Israel and the Development of the		NUR 4645	Substance Abuse Across the Lifespan -6A	3
	Hebrew Bible -6A	3	PET 4933	Seminar in Sports Medicine	3
REL 4217	Who Wrote the Bible (Genesis-Kings) -6A	4	POT 4109	Politics and Literature -6A	3
REL 4218	Women and the Bible -6A	3	REL 3613	Modern Judaism -6A	3
REL 4626	Reason in Religion: Talmudic Logic	3	REL 4177	Comparative Religious Ethics -6A	4
REL 4670	Judaism and Christianity After the		REL 4215	Ancient Israel and the Development of the	
	Holocaust -6A	4		Hebrew Bible -6A	3
RUS 3500	Russian Civilization -6A	3	REL 4217	Who Wrote the Bible (Genesis-Kings) -6A	4
RUT 3110	Russian Classics in English -6A	3	REL 4218	Women and the Bible -6A	3
RUT 3111	Twentieth-Century Russian Literature in		REL 4670	Judaism and Christianity After the	
	English -6A	3		Holocaust -6A	4
SCE 4236	Science, Technology, Society		RUT 3110	Russian Classics in English -6A	3
	Interaction -6A	4	RUT 3111	Twentieth-Century Russian Literature in	
SPA 4050	Introduction to the Clinical Process	3		English -6A	3
SPC 4201	Oral Tradition	3	SYA 3310	Qualitative Inquiry -6A	4
SPC 4632	Rhetoric and Social Change -6A	3	SYA 4420	Consumer Culture -6A	3
SPC 4714	Communication, Culture and Community	3	THE 4174	New British Theatre and Drama -6A	3
SSE 4380	Global And Multicultural Perspectives in		THE 4180	Theatre Origins -6A	3
	Education	3	THE 4320	Theatre of Myth and Ritual/Northern	
SYA 4935	Senior Seminar	3		European (950-1600) & Oriental	
SYO 4430	Disability and Society	3		(400-1200) -6A	3
SYP 4420	Consumer Culture -6A	3	THE 4330	Shakespeare for The Theatre -6A	3

THE 4360	The 19th Century Theatre Revolution -6A	3
THE 4401	American Drama -6A	3
THE 4434	Caribbean Theatre -6A	3
THE 4435	Theatre of Pluralism -6A	3
THE 4442	Comedy of The Classic And Neo-Classic Stage -6A	3
THE 4562	Contemporary Performance Theory -6A	3
WST 4262	Literature by Women of Color in the Diaspora -6A	3
WST 4410	Third World Women Writers-6A	3

"Outside the Disciplinary Cluster" Liberal Arts Exit Courses

"Outside the disciplinary cluster" in Liberal Arts Exit courses is defined as outside a cluster of departments or programs. Students with majors from one cluster, must take at least one certified Liberal Arts Exit course from any of the other clusters identified below.

Disciplinary Cluster 1: Arts & Letters - Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 2-8.

American Studies	Humanities
Classics & Classical Languages	Italian
Communication	Liberal Studies
English	Mass Communications
French	Philosophy
German	Religious Studies
	Russian
	Spanish

Disciplinary Cluster 2: Natural Sciences - Students with majors in these programs must take at least one certified Liberal Arts Exit courses in Clusters 1 or 3-8.

Biology	Interdisciplinary Natural Sciences
Chemistry	Mathematics
Environmental Science and Policy	Medical Technology
Geology	Microbiology
	Physics

Disciplinary Cluster 3: Social Sciences - Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 1 or 2 or 4-8.

Africana Studies	History
Anthropology	Interdisciplinary Social Sciences
Communication Sciences and Disorders	International Studies
Criminology	Political Science
Economics	Psychology
(Social Sciences)	Social Work
Geography	Sociology
Gerontology	Women's Studies

Disciplinary Cluster 4: Business - Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 1-3 or 5-8.

Accounting	Management Information Systems
Economics (Business)	Management
Finance	Marketing
General Business Administration	

Disciplinary Cluster 5: Engineering

Chemical Engineering	Industrial & Management Engineering
Civil Engineering	Engineering
Computer Engineering	Information Systems (Engineering)
Computer Science	Mechanical Engineering
Electrical Engineering	
Engineering Science	

Disciplinary Cluster 6: Fine Arts - Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 1-5 or 7-8.

Art	Music
Art History	Theatre
Dance	

Disciplinary Cluster 7: Education

Behavior Disorders	Industrial-Technical Education
Business and Office Education	Mathematics Education
Distributive Education	Mental Retardation Education
Early Childhood Education	Physical Education
Elementary Education	Science Education
English Education	Social Studies Education
Foreign Languages Education	Specific Learning Disabilities Education

Disciplinary Cluster 8: Nursing

Bachelor of Independent Studies majors may use certified courses for any disciplinary cluster to meet the Liberal Arts Exit requirements.

Freshman English Requirement

All first-time-in-college students are required to take Freshman English (a sequential two-semester course of study) in accordance with the following conditions:

1. First-time-enrolled students (a) who do not intend to take the CLEP Freshman English Test or (b) who have been notified of failing CLEP prior to registration and who do not intend to attempt the exam a second time must take ENC 1101 and ENC 1102 sequentially. If a student fails the first course, he/she must repeat it before proceeding to the next Freshman English course. Students should normally take these courses during their freshman year, but these courses are high demand and it is possible that registration space will not always be available.
2. First-time-enrolled students (a) who have not taken CLEP prior to their arrival on campus or (b) who have failed but wish to repeat the test should attempt CLEP during their first nine (9) weeks. During this semester, they should not enroll in ENC 1101. If a student either fails or doesn't attempt the CLEP examination during his/her first nine (9) weeks, the student normally should take ENC 1101 in the following semester. In this case, the student will normally complete the sequence by the first semester of his/her sophomore year.

These policies do not apply to first-time-enrolled students who can meet the Freshman English requirement with credit transferred from another institution or those with appropriate AP or IB English credit.

Credit by Examination

A student who feels he/she has already acquired the basic content of a course on his/her approved schedule should inquire about credit-by-examination. Some exams are offered through the College Level Examination Program (CLEP) and others may be offered within departments. Interested students should obtain additional information from their advisors or the Office of Evaluation and Testing.

Baccalaureate Degree - University Requirements

University minimum requirements for graduation consist of the following: earn a minimum of 120 semester hours with an overall 2.00 GPA, including a 2.00 GPA in all courses attempted at USF; a transfer student must have a GPA of 2.0 or higher when combined with all work attempted at other institutions; satisfactorily complete CLAST and the writing and computation course requirements of 6A-10.30; earn a minimum of 48 semester hours of upper-level work (courses numbered 3000 and above); complete Liberal Arts requirements; complete residency requirement; complete program requirements as determined by the college; and be recommended for graduation by the dean of the appropriate college. The requirements must be met by every student upon whom a degree is conferred. The total number of semester hours needed to complete the baccalaureate degree depends upon the academic major field of study. No grades may be changed following graduation.

All students entering USF St. Petersburg with fewer than 60 semester hours of credit are required to earn at least 9 semester hours of credit prior to graduation by attendance during one or more summer semesters. The University may waive the application of this rule in cases of unusual hardship to the individual. (See Summer Enrollment Requirement.)

Summer Enrollment Requirement

As stated above, effective September 1, 1976, all students entering USF St. Petersburg with fewer than 60 semester hours of credit are required to earn at least 9 semester hours of credit prior to graduation by attendance during one or more summer semesters. The University may waive the application of this rule in cases of unusual hardship. A student who wishes to have the rule waived must complete a "Request for Waiver of Mandatory Summer Enrollment Form" available in the Office of Admissions & Records. After submission of the form to the Office of Admissions & Records, the student will be notified by mail of the action taken.

The requirement may be fulfilled only by attending one of the universities in the State University System: University of South Florida (any location); Florida Agricultural and Mechanical University, Tallahassee; Florida Atlantic University, Boca Raton; Florida Gulf Coast University, Fort Myers; Florida International University, Miami; Florida State University, Tallahassee; University of Central Florida, Orlando; University of Florida, Gainesville; University of North Florida, Jacksonville; and University of West Florida, Pensacola.

Foreign Language Graduation Requirement for B.A. Students

In addition to the foreign language entrance requirement (as required by FS 240.233) all students applying for a Bachelor of Arts degree from USF St. Petersburg must demonstrate competency in a foreign language. To demonstrate this competency, students may take either two semesters of a beginning college-level foreign language or one semester of a higher-level course and earn a letter grade of "C" (no "S" grades) or above in the appropriate level course or demonstrate equivalent competency by passing an examination. Languages should be selected from among the ones listed below:

Classical Languages

- Greek (Ancient)
- Greek (New Testament)
- Hebrew (Classical)
- Latin

Modern Languages

- Arabic
- Chinese
- French
- German
- Greek (Modern)
- Hebrew (Modern)
- Italian
- Japanese
- Polish
- Portuguese
- Russian
- Spanish
- Yoruba

American Sign Language

Approval needed by the student's program/department major. The following programs accept Sign Language Competency for the exit requirement: Anthropology, Criminology, History, Mass Communications, Political Science, Religious Studies, Women's Studies, and all programs in the College of Education.

Students electing to take the examination in French, German, Italian, Portuguese, Russian, or Spanish should apply to

the Director of the Division of Modern Languages and Linguistics. Students taking the examination in Ancient or Modern Greek or in Latin should also apply to the Director of the Division of Modern Languages and Linguistics. Students taking the examination in New Testament Greek or in Hebrew should apply to the Chairperson of Religious Studies. Students utilizing American Sign Language should apply to the Chairperson of Communication Sciences and Disorders.

Foreign Language Placement

Students with two or more years of study in a foreign language in high school, or with postsecondary course(s) in foreign language, or with experiential learning of a foreign language may not enroll for credit in courses in that language without first taking a placement examination administered by World Language Education. Should the placement examination indicate that remedial work is required (1120-1121), the student will be allowed to enroll with the understanding that the grade eventually earned will be either an "S" or "U."

Under no circumstances will a student who places above the first year level or who passes a higher-level course be allowed to register for or receive credit for a lower-level course in that specific language. Students to whom this regulation applies should inquire of the Division of Modern Languages and Linguistics at the Tampa campus for the placement examination.

Academic Residence

Candidates for graduation must have completed at least 30 hours of the last 60 hours of their undergraduate credit in USF courses. The approval of the dean of the college granting their degree must be secured for any transfer credits offered for any part of these last 60 hours.

Exceptions to the above rules are students who are enrolled at other universities on approved exchange programs, cooperative education students enrolled in other institutions (prior approval having been secured from their USF St. Petersburg advisors) while on their training periods, and students taking correspondence work from the University of Florida. CLEP credit does not count toward academic residency.

Academic Major

USF St. Petersburg offers curricula leading to the baccalaureate degree in the following fields. The degree is indicated in parentheses after each major code. For clarification, the following terms are defined:

Specialization: Those courses required to give the student academic concentration and baccalaureate identification such as Mathematics, Accounting, Psychology, etc.

Supporting or Related: These courses may be prerequisites to the specialization courses, or they may support specialized courses by giving preparation or breadth to the area of specialization. These courses are often referred to as college or program core courses.

Program Electives: These are usually a broad band of courses offered by the college offering the major to further enrich the student in the general academic field of the major.

College of Arts and Sciences:

- Anthropology (ANT) (B.A.)
- Art (Graphic Design Concentration) (B.F.A.)
- Criminology (CCJ) (B.A.)
- Economics (ECO) (B.A.)
- English (ENG) (B.A.)
- Environmental Science & Policy (ESP) (B.S.)
- Geography (GPY) (B.A.)
- History (HTY) (B.A.)
- Interdisciplinary Social Science (ISS) (B.A.)
- Mass Communications (COM) (B.A.)
- Journalism Sequence:
 - News Editorial

Magazine Writing
Visual Communications
Political Science (POL) (B.A.)
Psychology (PSY) (B.A.)

College of Business (B.A./B.S.option):
Accounting (ACC)
Economics (ECN)
Finance (FIN)
General Business (GBA)
Information Systems Management (ISM)
International Business (ITB)
Management (MAN)
Marketing (MKT)

College of Education (B.A./B.S. option):
Elementary Education (BEE)
English Education (BEN)
Varying Exceptionalities (BVE)

Other USF campuses offer curricula for baccalaureate degrees in many additional fields. Please check the university-wide catalog for specific details.

Academic Minor

In addition to major programs, some departments offer an academic minor that requires approximately one-half the upper-level credits required for a major. Students interested in a particular minor should obtain the specific requirements from the appropriate department. The department may require the same admission or retention standards as required for the major.

Each academic minor conforms to the University requirements:

1. A minimum of 8 semester hours of credit used to satisfy the requirements of a minor must be from USF courses.
2. A student desiring a minor must have a major in a different program option.
3. USF coursework for a minor must have a GPA of at least 2.0.
4. Only an undergraduate degree-seeking student at USF is eligible for a minor.
5. A minor can be applied for and received only in conjunction with applying for and receiving a baccalaureate degree except for students who have already received a baccalaureate degree from USF who may earn certification of a minor by taking additional undergraduate coursework at the University and applying for the certification.

USF St. Petersburg offers curricula leading to an academic minor in the following fields:

College of Arts and Sciences:
Anthropology
Criminology
Economics
English
Environmental Science and Policy
Geography
History
Mass Communications
Political Science
Psychology

College of Business:
Accounting
Economics
Finance
General Business (for non-business majors)
International Business
Management
Management Information Systems
Marketing

College of Education:

Leadership Studies

Other USF campuses may offer additional academic minors. Please check the university-wide catalog for specific details.

Student's Choice of Catalog

In order to graduate from USF St. Petersburg, each degree-seeking student must meet all of the graduation requirements specified in the USF St. Petersburg catalog of his/her choice. A degree-seeking student may choose any USF St. Petersburg catalog published during his/her continuous enrollment. Students who have transferred from one Florida public institution to another are affected by the following Board of Regents policy: Graduation requirements in effect at the receiving SUS institution at the time a student enrolls at a Florida public institution of higher learning shall apply to that student in the same manner that graduation requirements apply to its native students provided the student has had continuous enrollment as defined in the SUS institution's catalog.

At USF St. Petersburg, continuous enrollment is defined as enrolling as a degree seeking student at least one term each twelve month period. Therefore, students cannot choose a USF St. Petersburg catalog published prior to or during an academic year in which they did not maintain continuous enrollment. (Each catalog is considered to be published during the academic year printed on the title page.)

If the student cannot meet all of the graduation requirements specified in the catalog of his/her choice due to decisions and changes by the University in policy matter, course offering, etc., appropriate substitutions will be determined by the dean of the college of the student's major.

USF St. Petersburg's policies are subject to change and apply to all students regardless of their choice of catalog. If the student's graduation requirements are affected by changes in University policies, appropriate arrangements will be made to preclude penalization of the student.

Repeat Course Work

The hours for a course that has been repeated may be counted only once toward the minimum 120 semester hours of credit (earned hours) required for graduation. All credit hours (except when grade forgiveness is applied) are calculated in the GPA (See Repeat Course Surcharges.)

Double Undergraduate Major

Students may elect to graduate with two majors. In that event, they must apply independently to each college and be assigned an advisor in each discipline. The student must meet all requirements of each major separately and must be certified for graduation by the appropriate dean(s).

Second Undergraduate Major

A student who wishes to work for a second major, after receipt of a baccalaureate degree, must apply through the Office of Admissions & Records and meet the major requirements as determined by the college. (Exceptions to this rule are students who had been previously accepted for a "Double Undergraduate Major" but graduated with only one major.) After acceptance by the appropriate college and proof of completion, the student's "permanent academic record" will be posted accordingly.*

* Note that those students who complete the requirements for a second major must be aware that they will not receive a second degree.

Two Degrees (USF St. Petersburg Students)

A student at USF St. Petersburg may receive two baccalaureate degrees provided he/she meets University graduation requirements for both degrees. In addition to the minimum 120 semester hours that apply toward the first degree and include at least 60 semester hours from a baccalaureate institution, the

student must also earn at least a minimum of 30 semester hours in on-campus USF undergraduate courses that will apply toward the second degree. The student must also meet the requirements of the college awarding the degree and the residency requirement.

Second Baccalaureate Degree (Transfer Students)

A student already graduated from an accredited four-year institution must earn a minimum of an additional 30 semester hours of USF undergraduate courses to apply toward his/her second baccalaureate degree. Students must also meet the University's regular graduation requirements, including the 9 semester hours of Exit Requirements, as well as the requirements of the college awarding the degree and the residency requirements.

Availability of a Baccalaureate Degree for Students Enrolled in or Graduated from a Five-Year Master's Program

A student may enroll in a baccalaureate degree program while enrolled in or after graduation from a five-year master's degree program. In consultation with an advisor in the five-year program and an advisor in the baccalaureate-level program and with the approval of the college dean(s) offering the program(s), the student is required to complete the following:

a. Satisfy degree requirements for the five-year master's program.

b. Satisfy requirements for the baccalaureate-level program.

Application for Graduation

In order to graduate, a student must submit an application for the bachelor's degree or associate of arts certificate to the Academic Advising Center. This application must be submitted in the term of expected graduation by the deadline noted in the academic calendar. If a student applies for graduation and is not approved, a new application for degree must be submitted by the deadline in a new term. In order for the degree statement to appear on a student's academic record, the student must file the aforementioned application whether or not participation in the commencement ceremony is desired.

The application for the bachelor's degree or for the associate of arts degree is available from the Academic Advising Center.

The completed application must first be certified (signed or stamped in the section, "Office Use Only") by the Academic Advising Center. Inquiries concerning approval or denial of graduation should be made to the Academic Advising Center.

It is the student's responsibility to clear all "I" grades (incompletes) in courses required for graduation and to provide official transcripts of all transferred course work needed for graduation at least 3 weeks prior to the end of the term in which he/she expects to graduate.

A student applying for a second undergraduate major must do so within the same deadline set for applying for a degree.

A student applying for a minor must:

1. File a separate request for certification for the minor in the department of the minor during the semester of graduation;
2. Apply for the minor on the "Application for Degree," listing both the minor and college responsible for the minor on the application; and
3. Have no "I" grade in required courses.

For purposes of honors recognition at the ceremony, students must have a 3.50 GPA before the term in which they plan to graduate to have honors recognized publicly at the commencement ceremony.

Posthumous Degrees or Degrees in Memoriam

The University may award a posthumous baccalaureate, master's or doctoral (and medical) degree to a student who was in good standing at the University at the time of his or her death and who had completed all substantive requirements for the degree. The University may also award baccalaureate, master's, doctoral and medical degrees in memoriam to a student who was in good standing at the University at the time

of his or her death.

To award a non-thesis degree, the student would need to have completed all courses required for the degree. Courses required for the degree, in which the student is enrolled at the time of his or her death, must have been completed to the satisfaction of the faculty so that passing grades might be posted. All other requirements (e.g., grade point average, CLAST and other tests) must have been satisfied as well.

To award a thesis degree, all courses must be completed as described above and the thesis must be sufficiently complete to the satisfaction of the faculty so that certification of completion may be posted to the student's record.

Procedures for Award of Posthumous Degrees or Degrees in Memoriam

The chairperson of a department, on his or her own initiative or upon the request of the family of the student, may recommend a posthumous degree, or a degree in memoriam, by forwarding the recommendation to the respective dean of the college. If approved by the Dean, the recommendation with supporting documentation will be forwarded to the Provost for approval. If the Provost approves the recommendation, the Office of the Registrar will be notified and the degree will be awarded at the next commencement ceremony or will be presented to the student's family in an appropriate setting.

Diplomas for posthumous degrees will be identical to other degrees awarded in the same colleges and majors. Diplomas for Degrees in Memoriam will be prepared to read "Bachelor of Arts in Memoriam, Bachelor of Science in Memoriam," Master of Arts in Memoriam," etc., depending upon the degree the student was pursuing at the time of his or her death. Undergraduate students who have not chosen a major at the time of death will be awarded the "Bachelor of Arts in Memoriam."

Honors at Graduation

To be considered for honors at graduation, a baccalaureate candidate must have completed at least 40 credits of graded coursework at USF and have earned a grade point average of 3.50 or higher for all graded coursework attempted at USF. In addition, to be eligible for honors, transfer students and USF St. Petersburg students who have postsecondary work elsewhere must have an overall GPA of 3.50 or higher counting all USF courses as well as all transferable work attempted at other institutions. The forgiveness policy at USF St. Petersburg or other institutions and plus/minus grades awarded at other institutions will not be applicable in computing the GPA for honors.

In addition, students with a record of academic dishonesty appearing on any transcripts will not be eligible for honors at graduation.

Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.50 but below 3.70 shall receive a diploma designation of cum laude (with honor).

Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.70 but below 3.90 shall receive a diploma designation of magna cum laude (with high honor).

Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.90 or above shall receive a diploma designation of summa cum laude (with highest honor).

In addition, each dean has the option to select on the basis of exceptional achievement 1% of the college's graduates or 1 student per semester for graduating with distinction.

NOTE: The GPA is not rounded up when determining honors at graduation (e.g., 3.69 is not the same as 3.70).

Commencement

Commencement ceremonies at USF St. Petersburg are held each Fall and Spring. To receive information regarding the commencement ceremonies, students must submit an application to graduate and must complete the on-line application for commencement.

Associate of Arts Certification Requirements

Upon the student's successful completion of the minimum requirements for the Associate of Arts Certificate, the University will present the student who has properly made application with an appropriate certificate.

1. To receive the Associate of Arts, the student must complete 60 semester hours of university credit; at least 20 of the last 30 semester hours counted toward the Certificate must be completed in residence at USF; the minimum grade point average must be 2.0 based on work attempted at the USF St. Petersburg; in addition, a transfer student must have a GPA of 2.0 or higher when combined with transfer work accepted and evaluated by the USF St. Petersburg Office of Admissions & Records; and the General Education Requirements of USF St. Petersburg must be satisfied. Physical Education and military science credits do not count within the 60 semester hours toward the Associate of Arts. In addition the student must present a score (passing score after August 1994) on the College-Level Academic Skills Test and fulfill the writing and computation course requirements of 6A-10.030 prior to receiving the Associate of Arts Certificate.

2. Application Procedure for the Associate of Arts Certificate. The Application for an Associate of Arts Certificate can be obtained from the Academic Advising Center prior to the application deadline. The deadline to apply for a degree/certificate in each semester is stated in the Academic Calendar in the catalog.

3. The Associate of Arts certificate must be awarded prior to the term that the student becomes eligible for the baccalaureate degree.

4. Final processing for the Associate of Arts will be done after grades are processed at the end of the semester for which the student applied. All work, including transfer work taken in that semester will be evaluated with respect to the requirements for the Associate of Arts Certificate.

5. Any incomplete grades shown on the permanent record of an Associate of Arts applicant at the time grades are processed will be treated as an F in the calculation of grade point average.

6. The General Education Requirements will be based on the approved University policy in effect in the catalog year the student chooses according to the University policy regarding the choice of catalog. The consideration of whether or not General Education Requirements are met will be made without consideration of the student's choice of major at the time he/she applies.

7. Residence credit will be broadly defined to include USF sponsored student exchange programs and the University of Florida Correspondence Division. Where the grades from these institutions, except those earned through the University of Florida Correspondence Division, are recorded on the permanent record at USF and included in the grade-point average calculation, they will also be counted in the student's grade-point average as work attempted at USF St. Petersburg for the Associate of Arts Certificate.

8. An applicant who has not been enrolled at USF for three semesters may be contacted to ascertain whether or not that applicant meets the residency requirements.

9. In approving any application for the Associate of Arts Certificate, satisfactory/unsatisfactory grades will be accepted according to the approved University policy in effect during the terms of the student's enrollment without regard for the student's declared major. Students must be aware that if they have taken any courses on a satisfactory/unsatisfactory basis where such grades are not acceptable by the college of the major, the students may be required to repeat particular courses for a traditional letter grade or take additional courses for a traditional letter grade to meet the college requirements.

10. All USF St. Petersburg colleges with undergraduate programs will accept the Associate of Arts from any USF location. That is, the student will be placed at least at the junior level and will be considered to have met the University's

General Education Requirements. The applicability of the courses taken by the student toward his/her major program will be determined by the college of the student's major. Similarly, any special requirements for a student's professional certification (e.g., Education and Engineering) are not necessarily met by the Associate of Arts certificate, but could be included as part of the General Education Requirements. Thus, students should check with their colleges concerning meeting any special requirements in an efficient manner.

11. The awarding of the Associate of Arts is posted on the permanent record but does not alter the calculation of the grade-point average; nor does it interrupt the accumulation of the student's record.

12. Students who follow a baccalaureate degree program as recommended by a college will not necessarily be eligible for the Associate of Arts certificate prior to the completion of 90 semester hours.

Student Records Policy

Pursuant to the provisions of the Family Educational Rights and Privacy Act ("FERPA"; 20 USC Par. 1232g), 34 CFR Par. 99.1 et seq, Florida Statutes Sub. Par. 228.093 and 240.237 and USF Rule 6C4-2.0021, Florida Administrative Code, students have the right to:

1. Inspect and review their education records
2. Privacy in their education records
3. Challenge the accuracy of their education records
4. Report violations of FERPA to the FERPA Office, Department of Education, 400 Madison Avenue, SW, Washington, D.C. 20202 and/or bring actions in Florida Circuit Court for violations of Rule 6C4-2.001, Florida Administrative Code.
5. Copies of the University's student records policy, USF Rule 6C4-2.0021, may be obtained from:
University Registrar
University of South Florida St. Petersburg
140 7th Avenue South, BAY 102
St. Petersburg, FL 33701

Release of Student Information

Pursuant to requirements of the Family Educational Rights and Privacy Act (FERPA), the following types of information, designated by law as directory information, may be released via official media of USF St. Petersburg (according to USF St. Petersburg policy):

Student name, local and permanent addresses, telephone listing, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, full- and part-time status, and the most recent previous educational agency or institution attended, and other similar information.

The University Directory, published annually by the University, contains only the following information, however: student name, local and permanent address, telephone listing, classification, and major field of study. The Directory and other listings of directory information are circulated in the course of University business and, therefore, are accessible to the public, as well as to students, faculty, and staff.

Students must inform the USF St. Petersburg Office of Admissions & Records in writing (forms available for that purpose), if they wish directory information to be withheld. Such requests must be received within the first two (2) weeks of the semester and will remain in effect until the student has not been enrolled at USF for three (3) consecutive terms.

Notification to the University of refusal to permit release of directory information via the University Directory must be received no later than the end of the first week of classes in the Fall Semester.

College Level Examination Program (CLEP)

USF St. Petersburg allows students to receive up to 45 semester hours of credit towards the baccalaureate degree

upon successful completion of General and Subject College Level Examination Program (CLEP) and DANTES examinations. Performance levels necessary to achieve credit have been established at a common level for all universities and community colleges in the State system. Credit earned through one examination program may not be duplicated by another examination or course. The following limitations should be recognized:

1. Although the General Examinations are not equated to specific courses, there are two cases in which the content is sufficiently similar to be considered as duplicate credit. Thus, students may not receive duplicate credit for the course and the CLEP test in the following areas:

English Composition with Essay ENC1101 & ENC 1102
Mathematics MAC 1105 & MGF 1106

2. Credit earned for the Freshman English courses through the CLEP program does not count toward the twelve hour writing requirement for SBE Rule 6A-10.030 ("Gordon Rule");

3. CLEP General/Subject Examinations in mathematics, calculus, college algebra, trigonometry satisfy the mathematics requirement for SBE 6A-10.030;

4. CLEP credit will not satisfy USF St. Petersburg's residency requirement;

5. Credit for the General Natural Science examination will be granted for non-majors only; and

6. Each College at USF St. Petersburg has the prerogative to exclude CLEP from the required 48 hours of upper level credit.

Certain General and Subject CLEP Examinations noted in the table below may apply to the General Education Liberal Arts Requirements. Some programs do not award credit toward the degree for certain CLEP examinations, and certain graduate or professional schools such as law, medicine and engineering may not grant equal recognition to students with extensive examination credits. An academic advisor should be consulted to ascertain the applicability of a specific CLEP examination toward a student's degree requirements and the advisability of taking the examinations in a student's specific situation.

Descriptions of the examination content and other information are available from Educational Testing Service in Princeton, New Jersey or in the Office of Evaluation & Testing (SVC 2054).

CLEP Subject Area Examinations

For updated qualifying scores, please check the website www.usf.edu/ugrads/eandt/clep.htm

Advanced Placement Credit Program

The University participates in the Advanced Placement (AP) Program conducted by the College Entrance Examination Board. The Advanced Placement Test is based on specific college level courses that are offered in a number of high schools. Interested students should contact their high school counselors or principals for additional information. Please note: not all colleges will interpret AP test results in the same manner. Consult the table below to ascertain how USF St. Petersburg interprets AP test results.

AP Tests and Their Course Equivalents at USF

AP Exam Score	USF Equivalent	Cr. Hrs.	Qual.
Art History	ARH 2050	3	3
Art History	ARH 2050, ARH 2051	6	4 or 5
Art Studio Drawing Portfolio	ART 2301C	3	3, 4, or 5*
Art Studio General Portfolio	ART 2201C	3	3, 4, or 5*
Biology	BSC 2010, BSC 2010L	3 + 1	3
Biology	BSC 2010, BSC 2010L,	6 + 2	4 or 5

Calculus AB	BSC 2011, BSC 2011L		
Calculus BC	MAC 2311	4	3, 4, or 5
Calculus BC	MAC 2311	4	3
Calculus BC	MAC 2311, MAC 2312	8	4 or 5
Chemistry	CHM 2045	3** or 4**	3
Chemistry	CHM 2045, CHM 2046	6** or 8**	4 or 5
Computer Sci. A	CGS 2060***	3	3, 4, or 5
Computer Sci. AB	CGS Elective***	3	3, 4, or 5
English Language & Composition	ENC 1101	3	3
English Language & Composition	ENC 1101, ENC 1102	6	4 or 5
English Literature & Composition	ENC 1101	3	3
English Literature & Composition	ENC 1101, ENC 1102	6	4 or 5
Economics: Macro.	ECO 2013	3	3, 4, or 5
Economics: Micro.	ECO 2023	3	3, 4, or 5
Environmental Sci	EVR 2001, EVR 2001L	4	3, 4, or 5
French Language	FRE 2200	3	3
French Language	FRE 2200, 2201	6	4 or 5
French Literature	FRE 3230	3	3, 4, or 5
German Language	GER 2200	3	3
German Language	GER 2200, GER 2201	6	4 or 5
Geography: Human Geog. (2001)	GEO 3402	3	3, 4, or 5
Govt. and Politics: Comparative	CPO 2002	3	4 or 5
Govt. and Politics: United States	POS 2041	3	4 or 5
History: European	EUH 2030	3	3
History: European	EUH 2030, EUH 2031	6	4 or 5
History: U.S.	AMH 2010	3	3
History: U.S.	AMH 2010, AMH 2020	6	4 or 5
Internat. English Language	ENS 1483	3	3, 4, or 5
Latin: Latin Lit. (Catullus-Cicero)	LNW 4634 or	4	3, 4, or 5
Latin: Latin Lit. (Catullus-Horace)	LNW 4654 or	4	3, 4, or 5
Latin: Latin Lit. (Catullus-Ovid)	LNW 4644	4	3, 4, or 5
Latin: Latin Lit. (Vergil)	LNW 2660	4	3, 4, or 5
Music Theory	MUT 1111, 1241	4****	4, or 5
Physics B (Noncalculus)	PHY 2053	3*****	3
Physics B (Noncalculus)	PHY 2053, PHY 2054	6*****	4 or 5
Physics C (Mechanics)	PHY 2048	3*****	3
Physics C (Mechanics)	PHY 2048, PHY 2049	6	4 or 5
Physics C (Elect./Magnet.)	PHY Elective	3	3, 4, or 5
Physics C (Elect./Magnet.)	PHY Elective	4	4 or 5
Psychology	PSY 2012	3	3, 4, or 5
Spanish Language	SPN 2200	3	3
Spanish Language	SPN 2200, SPN 220	6	4 or 5
Spanish Literature	SPW 3030	3	3, 4, or 5
Statistics	STA 2022	3	3, 4, or 5

* Plus satisfactory portfolio review.

** Laboratory credit (CHM 2045L or CHM 2046L) is not automatically granted, but may be when specific information concerning secondary school lab program is provided.

*** As of May, 1999 C++ is the language being assessed (not BASIC); prior to May 1999, the language was PASCAL

**** Pending results of Music Theory Placement Test.

***** Plus satisfactory grade on USF Department of Phys-

ics test covering thermodynamics, wave motion, sound, and optics

Independent Study

Undergraduate students wishing to take a course by independent study must contact the instructor of the course for permission. The instructor specifies the requirements to be completed by the student including tests, periodic class attendance, term papers, etc.

Not all courses in the University may be taken by independent study. The respective colleges have jurisdiction in the determination of which courses may be taken in this manner.

The regular grading system applies to all independent study students. Grades earned by independent study have the same status as those acquired through regular class attendance. Students taking a course by independent study must register for the specific course section in the regular manner.

Enrollment in Evening Courses

Evening courses at USF St. Petersburg are part of the regular academic program; they are offered at times convenient to people within commuting distance who wish to continue their education at night while occupied during the day with other responsibilities. Requirements for day and evening courses are the same. See the University Class Schedule for evening registration dates and times.

State University System Correspondence Courses

The University of Florida's Department of Independent Study by Correspondence administers all correspondence instruction for Florida's State University System (SUS).

Over 150 college credit, high school credit, and continuing professional education courses are available anytime, anywhere through regular mail or fax. In many cases, students also have the option to e-mail their assignments to the instructor. Enrollment in all courses is possible at any time of the year to be used toward a diploma or a degree.

For a free brochure, please contact: Department of Independent Study, 2209 NW 13th Street, Suite D, Gainesville, FL 32609-3498; (352) 392-1711, ext. 200; or e-mail: Learn@nervm.nerdc.ufl.edu. Be sure to check out the home page: <http://www.doce.ufl.edu/indstudy>.

USF St. Petersburg considers independent study by correspondence as resident credit. Grades are not transferable. Exception: grades for courses taken by Cooperative Education students while on a training period are transferred and will be used in computing the USF GPA.

International Affairs

Location/Phone: BAY 204 (727) 553-4067

Web site: <http://www.stpt.usf.edu>

The International Affairs Center provides leadership, advocacy, development, and support for all central and college-based international activities. The Center works in collaboration with the colleges and regional campuses to promote international education, research, outreach, and service programs. The Center leads the development of academic program offerings (area studies) and services, international exchanges, partnerships with business, industry, and government both in the U.S. and overseas, and to establish the venues for international activities, and enhance faculty, student and staff training and development.

Study Abroad Programs and Exchanges

Location/Phone: BAY 204 (727) 553-4890

Web site: <http://www.stpt.usf.edu>

USF offers students the world as their classroom through its programs abroad. Whether a student chooses a short-term summer program, a semester or year spent at a university overseas, an internship, service learning or international co-op, there is a program for each student need. Studying abroad provides a unique learning environment, which extends and enhances courses taken on the home campus. Students can

study abroad at any time in their academic careers. All disciplines offered at USF can be found in partner universities abroad, and so students have a wide range of study options.

USF overseas programs are designed to appeal to a wide audience. Students in any discipline can find a program of study to enhance their undergraduate degrees. Courses provide USF credit, thus students can be assured that if they plan carefully, they will continue to make steady progress towards graduation while they are abroad. Students seeking to round out their resumes with experiences abroad, which include internships, service learning, and co-op, will find options for them also. Several programs of overseas study lead to dual degrees, certificates, or double majors.

Many programs include organized cultural excursions, visits to important sites, and opportunities to interact with local people. All include unparalleled opportunities for cultural immersion and in-depth insight into the host country.

USF study abroad programs range in length from one week (over winter or spring break) to a semester. A large number of faculty-led summer programs of 2-6 weeks provide the opportunity to concentrate study abroad in a summer session and help students fulfill the 9-hour summer school requirement. All programs are developed as cost-effectively as possible, recognizing the financial concerns of today's students. Federal and state financial aid can be applied to USF programs abroad, and some additional scholarship assistance is available through the Study Abroad Office.

For additional information or a copy of the individual program brochures, please visit the Study Abroad Office, or check the web site.

Students who plan to participate in study abroad programs should consult their departmental advisors to determine whether the course of study they plan to pursue will be acceptable for meeting degree requirements.

International Affairs

Location/Phone: BAY 204 (727) 553-4067

Web site: <http://www.stpt.usf.edu/international>

The University of South Florida welcomes qualified students from all over the world to our campus community. The resulting international educational exchange leads to the enrichment of our common life, the intellectual development of our students, the research endeavors of the University, and mutual understanding between the peoples of the world represented at USF. The ensuing exchange of life stories exposes all USF students, faculty, and staff to the likenesses and differences that exist between cultures, worldviews, experiences, and ideas.

International Affairs has many administrative duties, including the issuance and maintenance of all visa documentation for foreign nationals at the University. International Affairs staff persons are experienced in cross-cultural counseling and crisis management in a cross-cultural setting. Advisement is available related to immigration matters, adjustment to life in the United States, culture shock, and other personal and academic matters. To further assist internationals in adjusting to life at USF, International Affairs provides letters of enrollment and expenses, orientation, and immigration workshops. International students and scholars may also contact International Affairs to get information regarding St. Petersburg/Tampa Bay area activities, transportation, housing, tourist attractions, and Florida drivers' licenses.

As the focal point for community service to international students on campus, International Affairs offers students the opportunity to be involved in the Conversational English Program, the American Mentors Program, and numerous social activities (including parties, cultural events, and the International Festival).

DIVISION OF STUDENT AFFAIRS

The University of South Florida St. Petersburg embraces USF's commitment to total student development – curricular, co-curricular, and extracurricular. Accordingly, the Division of Student Affairs is committed to the promotion of the balanced pursuit of students' intellectual, physical, personal, social, cultural, moral, and leadership development. Student Affairs designs and implements services and programs that challenge, support, and encourage student growth, empowerment, and success. The Division's programs provide opportunities for students to appreciate cultural differences, and enhance the quality and spirit of campus and community life.

USF St. Petersburg's Division of Student Affairs offers a comprehensive set of services and developmental programs that meet or exceed professional standards and are both necessary and sufficient to achieve separate accreditation. This array of services and programs will be determined by best practice and student needs assessment, and will be improved continually through outcomes assessments.

Students who attend the University of South Florida St. Petersburg are subject to University policies in addition to guidelines established by the Florida Board of Education (Section 6-C, Administrative Code of Florida), the University Board of Trustees, and the USF St. Petersburg's Campus Board. USF St. Petersburg's Vice Regional Chancellor for Student Affairs, as well as other University officials, is charged with interpreting policies of the respective Boards to students, their families, and others in the University Community.

DIVISION OF STUDENT AFFAIRS

The Division of Student Affairs is comprised of the Student Affairs Administration Office (BAY 111), and the Departments of Student Services, Student Development, and Student Life.

Student Affairs staff provide prospective and new students assistance in obtaining information about the University before and after they arrive on campus. The staff also offers services to students to help them cope more effectively with the many challenges of college life that can effect students' academic work: new student orientation, health education, individual and or group counseling, alcohol drug education, career planning, placement, procedures for addressing grievances and resolving problems, standards for student conduct, due process in the event of disciplinary action, and advice and or assistance in time of difficulty.

A variety of programs and services provide students with an opportunity for growth and development outside the classroom: student activities and leadership development, student government, student organizations, student publications, intramural and recreation sports, and events of special interest.

STUDENT AFFAIRS DIVERSITY STATEMENT

The Division will develop a system that will create a learning community where each individual's primary identity as a person has worth and value. Individuals from diverse ethnic, racial, religious and social backgrounds will willingly interact frequently displaying attitudes and behaviors of respect, shared purpose, commitment to common welfare, mutual cooperation and support. In this community all persons will be judged on the content of their character and all individuals will have a voice.

STUDENT SERVICES

Location/phone: BAY 111 (727) 553-4162
Office Hours: Monday through Thursday 8 a.m. – 6 p.m.,
and Friday 8 a.m. – 5 p.m.

Student Advocacy

The purpose of student advocacy is to provide information and answer questions about the University and its policies.

Advising is provided to students about their rights and responsibilities. Assistance is provided in navigating through issues that arise, such as guidance for non-academic concerns, and referrals to other helpful offices.

Standards and Student Judicial Procedures

Standards of Conduct

Just as the University maintains high standards of academic performance, the members of the University community support high standards of individual conduct and human relations. Responsibility for one's own conduct and respect for the rights of others are essential conditions for the academic and personal freedom within the University community. The Student Code of Conduct sets forth a foundation of values that represent a standard of expected behavior both inside and outside the classroom. The University reserves the right to deny admission or refuse enrollment to students whose actions are contrary to the purposes of the University or impair the welfare or freedom of other members of the University community.

Judicial Procedures

Student judicial procedures are followed when a student fails to exercise his/her responsibility in an acceptable manner or commits an offense as outlined in the Student Code of Conduct found at the University web site <http://www.stpt.usf.edu>. The University disciplinary procedures afford students the opportunity to participate in discussions of the matter and to present information in one's own behalf, to seek counsel in one's own best interest, and the right of appeal. The University Judicial procedures are described on the University web site.

For Academic Grievances: students should follow the academic grievance procedure which may be obtained from the appropriate Academic College Dean.

For Non-Academic Grievances: In order to assure students the right to redress of grievances, the Student Affairs Administration Office is responsible for a grievance procedure involving non-academic matters. Any student may file a question, complaint, or statement of grievance in the Student Affairs Administration Office, in person or in writing. A course of action or other answer will be given by the Director of Student Services, as soon as possible.

Student Disability Services

Location/phone: TER 200, Voice: (727) 553-4837
Florida Relay System for Hearing Impaired Dial 711
Office Hours: Monday through Thursday 8 a.m. – 6 p.m.,
and Friday 8 a.m. – 5 p.m.
Web address: <http://www1.stpt.usf.edu/saffairs/sds.html>

The University recognizes and values students with disabilities. The faculty and administration strive to insure that students with disabilities participate in all aspects of university life. Academic accommodations are arranged through the Office of Student Disability Services.

The Office of Student Disability Services, located in TER 200, (727) 553-4837, is responsible for determining eligibility of students for disability status and facilitating services and accommodations for those who qualify. Accommodations that are developed in collaboration with students and faculty, include, but are not limited to, extended time on examinations, alternate formats for printed materials, and the services of sign language interpreters.

Each student is responsible for self-identifying and applying for accommodations and services at this office. There are two essential elements to receiving accommodations and services. First, the student must identify herself/himself as a person with a disability and register with the Office of Student

Disability Services (SDS). Second, the student is responsible for providing documentation of the disability to SDS, and it typically takes five working days for SDS to review the application.

If the documentation is adequate, the student will be approved for accommodations. The student will be given guidelines for accessing services and a memorandum of each professor for that semester. Each semester, a memorandum of accommodation will be prepared for each professor.

The cooperation of faculty in the implementation of accommodations is an essential feature of the institutional compliance with the Americans with Disabilities Act of 1990. Examination accommodations, the most frequently needed accommodations, are the responsibility of the faculty. This office provides accommodated examinations if the faculty are unable to do so. Faculty members will be provided guidelines for accessing exam accommodations for their students. Faculty questions, concerns, and comments are welcome by SDS.

Off-Campus Housing

Location/phone: BAY 111, (727) 553-4162

Office Hours: Monday through Thursday 8 a.m. – 6 p.m., and Friday 8 a.m. – 5 p.m.

The Student Affairs Administration Office maintains a list of off-campus apartments, homes, and other rental properties available to the public. Notices of available rentals are posted on various campus bulletin boards.

Student Housing

Location/phone: BAY 111, (727) 553-4162.

Office Hours: Monday through Thursday, 8:00 a.m. - 6:00 p.m. and on Fridays from 8 a.m. - 5 p.m.

Although on-campus housing does not exist at this time, a comprehensive residence life/student life study completed in the spring of 2002 made specific recommendations which are in various stages of implementation. It is anticipated that student housing, to accommodate a limited number of students, will become available in the near future. When such housing is realized, a residence life program will be developed emphasizing student learning and development and one which promotes a safe, secure, and healthy living-learning environment where individual differences are appreciated and respected.

Volunteer Services

Location/phone: TER 200, (727) 553-4837

Office Hours: Monday through Thursday 9 a.m. – 6 p.m., and Friday 8 a.m. – 5 p.m.

The University believes that an important ingredient in student learning is engaging in community service either as volunteers or as academic service-learners. The Volunteer Service program in Student Affairs, TER 200, provides referrals to over 60 community agencies and projects, organizes several projects throughout the year, and plans two Volunteer Fairs each year for showcasing various opportunities. Service-learning projects are linked to academic courses and this office provides resources for classes requiring fieldwork as well as site agreements to formalize partnerships with the community agency.

Office Hours: Monday through Thursday, 8:00 a.m. – 6 p.m., and Friday 8:00 a.m. – 5:00 p.m.

The Multicultural Center supports and enhances the University's commitment to providing students with the requisite educational, social and personal skills to live in today's global society. Its programs and activities focus on developing students into citizens who are culturally aware, tolerant and accepting of others who may be different from themselves.

Student Development

Counseling & Career Center

Location/phone: BAY 119, (727) 553-4129

Office Hours: Monday through Thursday, 8:00 a.m. – 6:00 p.m., Friday 8:00 a.m. – 5:00 p.m.

Web address: <http://www1.stpt.usf.edu/cc/>

The Counseling & Career Center supports the holistic development of students, enabling them to maintain psychological and physical health, to complete their academic programs successfully, to participate in the campus community, to achieve career goals, and to thrive personally and professionally upon graduation. To this end, the Center provides a comprehensive array of professional counseling and related services, consultation and community intervention efforts that improve the quality of campus life. All services preserve the confidentiality of students. For more information about any of the following services, call 727-553-4129 or stop by BAY 119.

Personal Counseling Services

The Center provides short-term individual, couples, and group counseling to enhance students' personal development. Professional counselors are available to assist students develop a clear sense of identity, establish autonomy, discover strengths and potential, and become a more insightful, self-directed person. Counseling services assist students resolve a variety of problems such as stress, improving self-esteem, overcoming anxiety or depression, improving relationships, coping with loss, dealing with problem behaviors, resolving personal crises and dealing with substance abuse or dependency issues. If the Center does not offer the services a student needs, or if longer-term care is required, the student will be referred to other appropriate community or university services.

Crisis Counseling Services

Although appointments for counseling sessions are encouraged, counselors are available on a walk-in or emergency basis for individuals whose concerns require immediate attention.

Group Counseling and Workshops

The Center presents workshops and counseling groups to help students achieve personal, social, career and educational goals. A brochure listing the workshops and groups is available at the beginning of each semester and on our website: <http://www1.stpt.usf.edu/studentdev/CCC/index.htm>.

Victims' Advocacy Service

This service is available to assist all USF students or employees who are victims of actual or threatened violence, including but not limited to battery, assault, sexual battery (date, acquaintance or stranger rape), attempted sexual battery, stalking, or sexual harassment. The victim advocate provides information, support and guidance through short-term crisis intervention, assistance through the campus judicial process, referral to community-based victim assistance programs, help in resolving academic problems resulting from victimization, and referral for necessary counseling, medical, legal and social service assistance.

Advocates are available during regular office hours to provide crisis intervention, assistance and referrals. Police reports are not necessary to receive services from an advocate, and services are free and confidential.

Important numbers:

St. Petersburg Police Emergency	911
USF St. Petersburg Public Safety	(727) 553-4140
USF St. Petersburg Victim Advocate	(727) 553-4129
Pinellas County Rape Crisis Line	(727) 530-7233
Domestic Violence Crisis Line	
South County: CASA	(727) 898-3671

North County, The Haven	(727) 442-4120
Emergency Mental Health	(727) 791-3131
Pinellas Hotline	(727) 562-1542
	or
	(727) 562-1211

Academic Success Center

The mission of the Academic Success Center (ASC) is to encourage academic excellence by providing support services to all students who wish to improve their academic skills and attain their educational goals. The Center helps students to develop personally and educationally by increasing their learning effectiveness, understanding themselves in relation to the university environment, and taking responsibility for their learning experience. The Center helps students to become confident, efficient and effective learners by providing individual and small group tutoring, workshops and seminars.

The Academic Success Center includes the services of The Writing Center, housed in 246 Poynter Library, and The Math Center, housed in 330 Poynter Library. Writing consultations are provided for writers at all levels and in all disciplines. Math tutoring is provided for all undergraduate mathematics courses and for students preparing for required academic achievement test such as the CLAST and for graduate admissions examinations such as the GRE and GMAT. Tutoring is also available for selected lower division courses in science and business.

Students wishing to schedule an appointment with a tutor may call Dr. Diane McKinstry at 553-4632. Walk in tutoring is also available on a limited basis as tutors are available. Available tutoring hours vary each semester and are posted in 246- and 330 Poynter Library and in classrooms around campus.

Career Development Services

The Center offers a full range of services for students to assist with planning and achieving career goals and with making the transition from college to professional employment. These services include: listing of job opportunities, resume development assistance, co-op program, workshops, and career fairs.

Career Counseling

Individual counseling and workshops help students make sound career, life planning, and employment decisions. Counselors help students to choose a major, to develop career goals, and to refine and implement job search plans. To assist students with these decisions, the Center offers vocational assessment inventories for exploring interests, values and other characteristics relevant to career choice. Counselors also assist students with resume/cover letter preparation and critiques, interview skills, and job search strategies.

Career Resource Library

A Career Resource Library contains current occupational information, and a computer lab is available to access career and employer information on the Internet.

eRecruiting

eRecruiting is a web-based program that allows students to view job listings for full-time professional employment vacancies as well as part-time jobs, internships and cooperative education opportunities. Students may also use this program to register their resume and make it available for review to employers.

Part-time Student Employment

On- and off-campus part-time employment provides students an opportunity to gain valuable work experience, develop employability skills and earn money. Part-time jobs and temporary employment listings are maintained in the Center.

Experiential Education Programs

There are two types of experiential, practical learning experiences available to students. Both types are intended to give

students hands-on experience in a work setting, assist them in obtaining practical experience, and assist them in determining a future career.

Cooperative Education: "Co-op" is a structured, supervised program that integrates practical, paid work experience with a student's academic program. Two types of Co-op plan are available. The Alternating Plan allows students to alternate full-time semesters of work with full-time semesters of study. The Parallel Plan allows students to take classes and work simultaneously.

Internships: Internships are credited or non-credited learning experiences that give students an opportunity to implement and enhance academic learning at an on-campus or off-campus site. Internships are typically one semester long and are supervised by the internship site supervisor.

On-Campus Recruiting

Each semester, employers visit campus to interview students for full-time professional employment, part-time employment and internships. Students may sign up for interviews at the Center office or online through eRecruiting.

Career Expo

Held in January of each year, Career Expo is a campus and community-wide event that brings together employers, students and the community. This event provides an opportunity for students and employers to network and discuss employment opportunities.

Health and Wellness Services

The Health Educator provides confidential consultation and information concerning a wide range of lifestyle issues including fitness and exercise, general health, nutrition, stress management, HIV/AIDS, sexually transmitted illnesses, contraception, alcohol and drug abuse prevention, and prevention of date or acquaintance rape. Information on safer sex and free condoms are available in the Center and other campus locations. The Health Educator also provides fitness assessments and workshops to the campus community. Health and wellness information brochures are available to students in the Davis Hall Student Lounge, the Bayboro Café, and the Fitness Center. The Health Educator coordinates and promotes Wellness programs on campus in cooperation with the Campus Fitness Center. All Health and Wellness Services, except for immunization clinics and health insurance services are free to USFSP students.

Immunization Clinics

To help students comply with state university regulations concerning measles and rubella vaccinations, immunization clinics are held every semester. The vaccination fee is \$40.

Student Health Services

There is currently no student health facility located at USF St. Petersburg. USF St. Petersburg students can receive medical services at the Student Health Service (SHS) at USF Tampa by paying a \$75 student health fee each semester. The Student Health Service (SHS) is located east of the USF Bookstore and north of the Student Services Building. For more information about services, call (813) 974-2331 or consult the SHS web site at www.shsweb.shs.usf.edu.

The Health Fee entitles students to:

- Unlimited visits to the ambulatory clinic
- Access to SHS specialty clinics at a reduced cost (Gynecology, Dermatology)
- Reduced costs for laboratory tests
- Reduced cost for medications dispensed at the SHS
- Antigen injections (If you require allergy shots, SHS can store and administer your injections. Complete written instructions must be submitted by the prescribing physician for

antigen therapy to be approved by the SHS's medical director.)

Health Insurance: Health insurance is available for all students. The USF Tampa Health Center (974-2331) with the assistance of the Insurance Committee has contracted with a reliable insurance company to provide students with an affordable student health insurance plan for sickness and accidental injury tailored to the particular needs of college students. Health insurance can be purchased on an annual or semester basis and is available for the spouse and children of registered students. The SIO assists students in understanding the available health insurance plans and encourages all registered students who do not have health insurance to visit the office at USF Tampa. The SIO is located just west of the Student Health Service in the lower level of the Bookstore building (next to textbook buyback).

At USF St. Petersburg, applications for Student Health Insurance may be obtained at the Student Affairs Administration (BAY 111) Student Life (CAC 124) offices and the Counseling and Career Center (BAY 112).

Mandatory Medical Requirements for Registration

1) Medical History Form (required for all students, regardless of age)

According to Florida Administrative Code Rule 6C-6.001(4) "Each student accepted for admission shall, prior to registration, submit on a form, provided by the institution, a medical history signed by the student." New admits will be provided a Medical History/Immunization Form with their admissions letter. In order to register, this form must be completed, signed, and returned to:

Student Health Services
University of South Florida
4202 East Fowler Avenue, SHS 100
Tampa, FL 33620-6750
Immunization Fax: (813) 974-5888
Telephone: (813) 974-4056

2) SUS Immunization Policy

As a prerequisite to matriculation or registration, the State University System of Florida requires all students born after 1956 to present documented proof of immunity to **RUBEOLA** (measles) and **RUBELLA** (German measles). The documented date of immunization for both measles and rubella should indicate the day, month, and year. However, only month and year will suffice if the month and year indicate that the immunization was given at least 13 months after the month of birth. Exceptions to this policy may be granted in the event of valid medical contraindications, or for religious reasons.

Consistent with Department of Health and Rehabilitative Services guidelines, acceptable proof of immunity for Rubeola (measles) and Rubella (German Measles) are as follows:

A) RUBEOLA (MEASLES): Students can be considered immune to measles only if they have documentation of at least one of the following:

1. Documentation of immunization with two (2) doses of live measles virus on or after the first birthday.

Note: Persons vaccinated with killed or an unknown vaccine prior to 1968 must be revaccinated. Persons born before 1957 may be considered to have had a natural infection and, therefore, do not need measles vaccine.

2. Laboratory serologic [IgG] evidence of measles immunity.

3. A written, dated statement signed by a physician on his

or her stationery, that specifies the date seen, and states that the person has had an illness characterized by a generalized rash lasting three (3) or more days, a fever of 101 degrees Fahrenheit or greater, a cough, and conjunctivitis, and, in the physician's opinion, is diagnosed to have had the 10 day measles.

B) RUBELLA (GERMAN MEASLES): Students are considered immune to Rubella only if they have documentation of immunization with live rubella virus vaccine on or after the first birthday or Laboratory (serologic) [IgG] evidence of rubella immunity.

If the student has no documentation of any doses of measles vaccine, vaccine should be given at the time of entry and the second dose no less than twenty-eight (28) days later. It is recommended that both doses of measles vaccine be given as a combined measles-mumps-rubella (MMR) vaccine.

Vaccinations and blood titers are available at the Student Health Service.

PLEASE NOTE: ALL FEMALES SHOULD BE AWARE THAT THEY SHOULD NOT BE VACCINATED IF THERE IS ANY POSSIBILITY OF PREGNANCY.

Temporary Medical exemptions must be submitted by the attending physician and must include reason for exemption and duration of exemption.

- For religious exemption applications, contact the Student Health Service.

- For off-campus term exemptions, contact the Registrar's Office at (727) 553-4124.

Records will be kept in electronic (computer) form. Hard Copy proof submitted by students will not be available for return.

SUS Health Insurance Requirement for International Students

The State University System of Florida requires that all international students have medical insurance in order to register for classes at USF.

STUDENT LIFE

Student Life Office

Location/Phone Campus Activities Center (CAC), (727) 553-4596

Hours: Monday – Thursday, 9:00 a.m. – 6:00 p.m., Friday, 8:00 a.m. – 5:00 p.m.

The Student Life Department at USF St. Petersburg offers an assortment of educational, recreational, and cultural programs for the campus community. It coordinates the facilities, services, and programs designed to meet the campus out-of-classroom needs. The Department also services as the administrative liaison to student organizations. The Department consists of the Fitness Center, Recreation and Intramurals, Student Activities, the Waterfront, New Student Orientation and Facility Reservation Services.

Honor Societies

Honor Societies recognize outstanding students for their scholastic or service achievements. Membership in honor organizations is usually by invitation.

Leadership Development

A variety of leadership opportunities are available to students through involvement with student government, student organizations and on campus employment. Formal leadership development programs are offered through academic courses, conferences, retreats, and workshops.

Student Organizations

Student organizations of all types are present at USF St. Petersburg. There are a variety of opportunities for involvement and new groups are added every semester based on student interest, so if students have an interest that is not represented a new club can be created to do so.

The following organizations are currently recognized at USF St. Petersburg as of this publication date: Anthropology Club, Bayboro Sailing Club, Campus Crusade for Christ, Campus Women's Collective, Criminology Club, Friendship Association of Chinese Students and Scholars, Harborside Activity Board (student activities board), Management Information Systems, Marine Science Advisory Committee, Student Business Organization, Student Education Association and Student Government.

Student Publications

Location/Phone CAC128A, (727) 553-4113

The student newspaper for USF St. Petersburg, *The Crow's Nest*, is a 5-column tabloid published bi-weekly. The newspaper provides experience for those students interested in print journalism.

Xtra Ed. Program

These are non-credit courses offered in a variety of areas including fitness, lifeguard training, martial arts, sailing, etc. The program is designed to offer the campus community an opportunity for courses that develop special interests and expand experience.

Campus Activities Center (CAC)

Phone: (727) 553-4596

Hours: Monday – Thursday 7:00 a.m. - 10:00 p.m., Friday, 7:00 a.m. – 6:00 p.m., Saturday, 9:00 a.m. – 5:00 p.m., Sunday 1:00 p.m. – 5:00 p.m.

(Holiday and semester break hours vary.)

This is a multipurpose facility designed to accommodate a variety of recreational, cultural and educational events. The building features a gymnasium that doubles as an auditorium, fitness center, locker rooms, racquetball court, meeting rooms, and kitchen. The information desk, located in the main lobby, serves as an information center for campus. Offices located in the CAC include: *Crow's Nest* (student newspaper), Harborside Productions (student activities board), New Student Orientation, Student Government, and student organization workspace. Services within the CAC include: athletic and recreation equipment use, copy services, facility reservations, faxing services, information distribution, laminating services, tickets, typewriter use, and vending machine refunds.

Campus Fitness Center

Location/Phone CAC, (727) 553-4589

Hours: Monday – Thursday 7:00 a.m. - 10:00 p.m., Friday, 7:00 a.m. – 6:00 p.m., Saturday, 9:00 a.m. – 5:00 p.m., Sunday 1:00 p.m. – 5:00 p.m.

(Holiday and semester break hours vary.)

The mission of the Campus Fitness Center is to enhance the educational experience by promoting the pursuit of high quality physical, social and personal well-being through comprehensive fitness and wellness programs. These programs are designed to meet the diverse needs of the USF community, and bring an awareness of realistic self-appraisal and expectations. This exercise facility has various Nautilus machines, a cross-trainer, lifesteps, lifecycles, treadmills, and free weights. Services offered include fitness assessments, aerobics, and other fitness classes.

New Student Orientation

Location/Phone CAC 130B, (727) 553-4181

Hours: Monday – Thursday 9:00 a.m. – 6:00 p.m., Friday, 8:00

a.m. – 5:00 p.m.

New Student Orientation provides an introduction to both academic and student life aspects of USF St. Petersburg. To facilitate a smooth transition of students into the academic environment of the University, New Student Orientation provides opportunities for entering students to develop realistic academic and personal goals, to locate student support programs and resources, and to meet staff and continuing students. New Student Orientation is required for all new students and former students who were readmitted to the University.

Recreation and Intramurals

Location/Phone CAC & Waterfront (727) 553-4589 or 553-4597

Monday – Thursday 9:00 a.m. – 6:00 p.m.

Friday 8:00 a.m. – 5:00 p.m.

Currently, intramural sports occur with pick up play on the recreation field and in the CAC. The Student Activities Office is working to increase participation and organize intramural play.

Recreational equipment is available for check-out at the Waterfront Office.

Swimming Pool

Location/Phone COQ 108, (727) 553-4597

Hours: Sunday – Saturday 11:00 a.m. – 7:00 p.m.

(Holiday and semester break hours vary.)

Hours change with daylight savings time.)

The campus pool is open year round and heated at 81 degrees in the winter. A lifeguard is always on duty during the hours that the pool is open. The 100' x 40' pool has a diving board and swimming lanes, and open water sections are available. A volleyball net can be set up in the shallow end.

Waterfront

Location/Phone COQ 108, (727) 553-4597

Hours: Monday – Thursday 9:00 a.m. – 6:00 p.m., Friday 9:00 a.m. - 5:00 p.m.

Saturday – Sunday, 11:00 a.m. – 5:00 p.m.

Holiday and semester break hours vary.)

The Waterfront Office strives to offer students and other members of the campus community opportunities to enjoy the water surrounding the campus and the swimming pool. In addition to sailboats, canoes, kayaks, recreation equipment and camping gear are also available for use at the Waterfront. *Please note: To use the boats, you must complete a one-time sailing/swim test and facility introduction.*

Commencement and Graduation Celebration

USF St. Petersburg schedules two Commencement Convocations for USF graduates each year (Spring and Fall). USF St. Petersburg graduates may also choose to attend any one of the USF campus ceremonies.

After students have applied for their degree, early in the semester in which they intend to graduate, candidates will receive from the Tampa Office of Public Ceremonies, a post-card directing them to the commencement webpage for specific information about commencement ceremonies on the four USF campuses.

Beginning in Spring of 2002 students may register to participate in the ceremony online.

USF St. Petersburg

<http://www1.stpt.usf.edu/saffairs/commence>

USF Tampa

<http://www.usf.edu/commencement>

USF Sarasota

<http://www.sarasota.usf.edu>

USF Lakeland

<http://www.lknmd.usf.edu/newsletter/springcommencement>

Each of the websites will answer many of your questions with respect to your participation in the ceremony including cap and gown ordering, getting your diploma, honors and international sashes, deadlines, senior week, what to wear and more! Please read this information carefully and completely. Details and deadlines differ from campus to campus.

USF St. Petersburg summer graduates may participate in the summer ceremony at USF Tampa or can participate in the fall ceremony at USF St. Petersburg.

For further explanation or information, please contact: ncoscia@stpt.usf.edu

Ceremony registrants will also receive an invitation to the Graduation Celebration. The celebration is open to all Graduates, their family and friends and is at the Campus Activities Center immediately following the commencement ceremony. Hope to see you there!

This is an exciting time for all our graduates and our goal is to make your graduation from the University of South Florida a wonderful memory.

OTHER CAMPUS SERVICES

Student Assessment and Research

In an effort to collect data on students' perceptions of campus life and programs and services, the Division of Student Affairs has implemented a student assessment and research program. The goal of the program is to develop a comprehensive longitudinal database on student interests, needs, aspirations, attitudes and engagement in university life. This information will be a valuable resource for learning more about our students, for identifying emerging issues on campus, and for informing the development and modification of our strategic plan in the areas of teaching and learning in and outside the classroom. The program will use both in-house surveys and participation in two national assessment programs, the National Survey of Student Engagement (NSSE) and the Cooperative Institutional Research Program (CIRP).

Intercollegiate Athletics

USF St. Petersburg students may participate in intercollegiate sports both as spectators and as direct participants. Admission to all athletic events is free of charge upon presentation of the USF Card. (Student Identification.)

USF St. Petersburg hosts coed and women's sailing; all other athletic teams are based in Tampa. USF fields 18 intercollegiate sports for men and women, all at the NCAA Division I level. In men's competition, USF has baseball, basketball, football, soccer, cross country, outdoor track, golf and tennis. On the women's side are basketball, softball, tennis, golf, cross country, indoor and outdoor track, sailing, soccer and volleyball.

USF became a charter member of ConferenceUSA in 1995.

International Affairs

Location: BAY 204

The University welcomes qualified students from other countries to the campus community. This international exchange leads to the enrichment of life, intellectual development, research and understanding, and exposes students, faculty and staff to cultural and national differences in outlook, experience, and ideas.

The USF St. Petersburg International Affairs staff is experienced in cross-cultural counseling and is able to advise students concerning immigration, adjustment to life in the United States and at the University.

USF Tampa

Location/Phone: CPR 245, (813) 974-5102

Email: daustell@iac.usf.edu

University Bookstores

The on-campus bookstore is operated by the Barnes and Nobles. The primary function of the university bookstores is to extend services to the students, faculty, staff, alumni and visitors of the university.

VISA, MasterCard, Discover and American Express are accepted at all stores.

USF St. Petersburg Bookstore

Location/Phone: Coquina Hall (COQ 101) at USF St. Petersburg, (727) 553-4172

Usual Hours: Monday through Thursday 9 a.m. to 6 p.m. and Friday from 9:00 a.m. to 5:00 p.m.

The bookstore offers textbooks and course-required supplies for USF St. Petersburg classes and a wide variety of merchandise including a large selection of writing implements, folders, binders, paper and other class supplies; college clothing, imprinted souvenirs and gift items, candy, snacks, sodas, medicine and Hallmark greeting cards. Popular computer software applications also are available at greatly reduced educational pricing (to USF students, faculty and staff members only).

Personnel are available to assist customers in finding and/or ordering course texts and general books. The USF St. Petersburg bookstore offers a buyback program during the week of final exams at the end of each semester, providing a source for cashing in used textbooks.

Regalia for graduation can be purchased at the bookstore prior to each commencement ceremony. Class ring sale representatives come on campus at various times throughout the year.

Campus Dining Services

Bayboro Café

Location/Phone: Coquina Hall 102, (727) 897-9190

The Bayboro Café in Coquina Hall offers everything from a quick snack on the run to breakfast, hot meals, soup and sandwiches, munchies, fresh fruit, build-your-own salads and hot and cold beverages. In addition to the regular menu, the Bayboro Café features daily specials, vegetarian dishes and special holiday meals.

A list of contractual caterers is available for on-campus events. For more information contact Student Life (CAC) or the Student Affairs Administration Office (BAY 111).

USF I.D. Card

Location/Phone: Nelson Poynter Library (POY 221)

The USFCard is the official I.D. card of the University of South Florida. University policies require that all student, faculty, and staff members carry the USFCard while on campus. Students may be denied services if they do not have an ID card. The USFCard may also be used to make purchases from on-campus copiers, snack and vending machines equipped with card readers. Value can be added to the vend stripe at Cash-to-card machines located around campus and at most coin/card copiers in the Library. This eliminates the need to carry coins and even saves money. If a student has an account with the USF Federal Credit Union, the USFCard can be used as an ATM card. The USFCard can also serve as a campus-MCI calling card. For additional information: <http://www.auxsvc.usf.edu/usfcard/index.htm>

COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences is a community of scholars dedicated to the idea that educated people are the basis of a

just and free society. The bases of education are a capacity for and an appreciation of social change within a context of prior human achievement. The faculty of the Arts and Sciences strive to instill in their students a history of human ideas, a sense of love for learning, and an understanding of the means that scholars have used in their search for beauty and order in the natural world.

The education provided by the disciplines of the Arts and Sciences is the foundation upon which the lives and professions of our students are built, and the basis from which personal growth occurs. The College of Arts and Sciences takes as its goal a melding of the natural, humanistic frameworks and social philosophies into a comprehensive whole that encourages the development of new ideas and new approaches to the understanding of our universe.

Great universities provide direction for their communities and service for their needs. The faculty of the Arts and Sciences as well as the staff, who support and encourage their work, explore their scholarly interests within the home and community created by the academic society. It is the responsibility of scholars to share their discoveries for the betterment of society. Thus, the Arts and Sciences embrace disciplines that strive to make immediate use of knowledge in the service of social goals as well as disciplines whose discoveries contribute to the fund of basic information that is the stepping stone of applied knowledge.

General Information

The College of Arts and Sciences Dean's Office is located in Davis Hall (DAV) Room 100. For additional information about the College, visit our web site at <http://www.stpt.usf.edu/coas/index.htm>. Information regarding advising, admission to the College, graduation requirements, special programs, and departments follows. The College of Arts and Sciences Office is open Monday – Thursday 8 a.m. to 6 p.m. and Friday 8 a.m. to 5 p.m.

Undergraduate Advising Information

The Academic Advising Center, located in Davis Hall (DAV), Room 134, handles all undergraduate student-related academic matters. Students contemplating a major in Arts and Sciences or who have specific questions about a department/major should make an appointment with an advisor in their area of interest. Office hours are 8 a.m. - 6 p.m. Monday – Thursday and 8 a.m. - 5 p.m. on Fridays. To make an appointment, call (727) 553-4511. For general questions related to Arts & Sciences majors call (727) 553-4507 or (727) 553-4152.

Undergraduate Admission to the College of Arts and Sciences

Admission to the College of Arts and Sciences is open to students who have been accepted to the University of South Florida and who declare a major in a particular field. Mass Communications/Journalism is a *limited access degree program* and has additional requirements listed under "Departments and Programs." Undergraduate students must submit a formal application for admission into the College. This usually occurs during orientation and advising for new students. This application is also available in the Arts and Sciences Advising Office (DAV 134) for continuing students. Students preparing for an Environmental Science degree must plan their courses carefully because of the sequential nature of the science curricula.

Information on admission criteria, departments, majors, programs, counseling and other services of the College may be obtained from the Advising Office (DAV 134), College of Arts and Sciences, USF St. Petersburg, St. Petersburg, FL 33701 or visit our web site at <http://www.stpt.usf.edu/coas/index.htm>.

General Requirements for B.A./B.S. Degree Within the College of Arts and Sciences

The College of Arts and Sciences offers three undergraduate degrees: Bachelor of Arts or Bachelor of Science.

IT IS EACH STUDENT'S RESPONSIBILITY TO MEET GRADUATION REQUIREMENTS:

1. Complete at least 120 accepted semester hours, 124 for Mass Communications/Journalism, with a USF cumulative gpa and an overall gpa of 2.000.
2. Maintain major gpa of 2.000. Note: In English and Mass Communications students must have a 2.500 major gpa.
3. Complete the Foreign Language Entrance Requirement if entering USF fall semester, 1987 or later. Students pursuing a B.A. degree must complete the Foreign Language Exit Requirement.
4. Students enrolling in a college in January, 1983 or after must satisfy State Rule 6A-10.30 (Gordon Rule) concerning computation and communications. Transfer students who enter the University of South Florida with 60 or more semester hours from a regionally accredited institution are considered to have met the communications portion of the Gordon Rule.
5. Complete Liberal Arts Requirements (for more information, see section titled "Liberal Arts Requirements.")
 - General Education Requirements (36) hours credit:*
 - Six (6) hours credit in English Composition
 - Six (6) hours credit in Quantitative Methods
 - Six (6) hours credit in Natural Sciences
 - Six (6) hours credit in Social Sciences
 - Six (6) hours credit in Historical Perspectives
 - Three (3) hours credit in Fine Arts
 - Three (3) hours credit in African, Latin American, Middle Eastern, or Asian Perspectives
 - Exit Requirements (9) hours credit*
 - Six (6) hours credit in Major Works and Major Issues
 - Three (3) hours credit in Literature and Writing
6. Elective Physical Education is limited to 2 semester hours.
7. ROTC is limited to 9 semester hours.
8. When double majoring a maximum of 2 courses or 8 hours may be used to satisfy requirements between majors.
9. Maximum of 20 hours of S/U option. S/U contracts must be negotiated in writing within the first three (3) weeks of the term. None of the 20 credits may be taken in the student's major unless S/U is the only grading option. English 1101 or 1102 may not be taken S/U.
10. The Audit option is available only during the first 5 days of classes; none permitted later.
11. Complete at least 9 semester hours during summer terms if entering USF with fewer than 60 semester hours.
12. "D" grades are not acceptable in the major and supporting sciences for all natural sciences majors. "D" grades are not acceptable for the major area in English, History, Mass Communications, Psychology, and Social Work. Only one "D" is allowed in the major for Criminology. (Important! All grades including "D"s and "F"s are used to calculate gpa's for students in the College of Arts and Sciences.)
13. Complete all major course requirements.
14. Complete a minimum of 48 hours of upper-level courses (numbered 3000 or above). Lower-level course work from 2-year or 4-year schools, though, equivalent to a 3000-level course at USF, does not meet this requirement.
15. Thirty (30) of the last 60 semester hours must be completed at USF to fulfill the residency requirement.
16. Criminology, Economics, English, Mass Communications, and Political Science have established minimum major course hours to be taken in residency at USF. See the department section of the catalog for these credit-hour requirements. In addition, all students who have majors in arts and letters and in the social sciences must take a minimum of 80 hours outside of the major department.
17. Students must satisfy CLAST (College Level Academic Skills Test).
18. Transfer credit for MAT 1033 will only be acceptable towards a bachelor's degree in the College of Arts and

Sciences if it was earned as part of an Associate of Arts degree awarded by a public community college in the State of Florida or is part of a Florida public community college transcript which explicitly indicates that general education or general distribution requirements have been met.

Turn in your graduation application to DAV 134 during the 1st to the 4th week of the semester in which you plan to graduate. Applications are not accepted late.

DEPARTMENTAL MINOR

Minors generally require half as many hours as required for the major. In order to help students develop some concentration in elective work taken in conjunction with their chosen major, the College of Arts and Sciences offers minors in the following: Anthropology, Criminology, English, Environmental Science and Policy, Geography, History, Mass Communications, Political Science, and Psychology.

Certain restrictions apply to students earning a minor: (a) students may not use courses in the major for the minor; and (b) ISS majors may not earn a minor in any of the cognate areas incorporated in their contracts. In some departments, S/U grades within the minor curriculum are not countable. Specific requirements for the different minors appear under the departmental summaries listed under "Departments and Programs."

Baccalaureate-Level Degree Programs

The departments and programs in the College of Arts and Sciences include Anthropology, Criminology, English, Environmental Science and Policy, Geography, History, Interdisciplinary Social Sciences, Mass Communications, Political Science, and Psychology. The College of Arts and Sciences offers major fields of study as described in the following pages.

BACHELOR OF ARTS (B.A.)

Anthropology (ANT)
Criminology (CCJ)
Economics (ECN)
English
English and American Literature (LIT)
Professional and Technical Writing (CWT)
Geography (GPY)
Urban Concentration (USG)
Government and International Affairs
Political Science (POL)
Graphic Design
History (HTY)
Interdisciplinary Social Sciences (ISS)
Mass Communications
Journalism/Magazine Concentration (MAG)
News Editorial Concentration (JOU)
Visual Communications Concentration (VIC)
Psychology (PSY)

BACHELOR OF FINE ARTS (B.F.A.)

Art – Graphic Design Concentration

BACHELOR OF SCIENCE (B.S.)

Environmental Science and Policy (ESP)

• ART (B.F.A.)

Requirements for the B.F.A. Degree in Studio Art with a Concentration in Graphic Design

The Graphic Design Concentration includes a series of courses in design, history and theory of art and graphic design, as well as the technical approaches to creative visualization. Courses cover typography, layout, digital media, graphics, video technology, print and digital reproduction processes and professional practices. The goal of creative and professional development focuses upon challenging students with projects that demand creative content, structure, management of com-

plexity, and exploration into visual solutions involving information, design limitations, and budget restrictions.

The graphic design curriculum will expose students to graphic design foundation, principles, and techniques most often used in successful visual communication for both print and digital media.

The B.F.A. Studio Art Degree with a concentration in graphic design is a limited access, upper-level program. Each fall a cohort will follow a sequential course schedule. Specific equipment requirements for this program are delineated on the university's website at www.usf.edu/gd.

Admission into the B.F.A. program is contingent upon the student having a 3.25 major GPA, which must be maintained for the degree to be awarded. Student competency will be evaluated individually and based upon criteria such as GPA, writing skill, and a portfolio of work indicative of: (1) concept, execution and presentation of studio artwork, (2) conceptual understanding of art and design standards, (3) application of art and design concepts, (4) examples of drawing methods and materials, and (5) historical knowledge of art and design as evidenced by previous assignments in visual problem solving. Applicants to the program must have a 2.5 or higher overall grade point average. Students are admitted in the fall semester of each year only and must submit all materials (including the portfolio) for fall admission by early March (see webpage <http://www.stpt.usf.edu/graphicdesign/index.html> for exact deadline date.)

Transfer credit from other institutions is accepted on the basis of portfolio and transcript evaluation. The School of Art and Art History accepts transfer credit from all Florida programs that are part of the "common course prerequisites".

The following courses are necessary for completing a B. F. A. degree in Studio Art with a Concentration in Graphic Design:

I. Art Foundation (Requires a "C" or better in all courses taken to progress to courses numbered 3000 and up)

I. Art Foundations (Prerequisites)

ARH 2050 History of Visual Arts I*	(3)
ARH 2051 History of Visual Arts II*	(3)
ART 2201C Fabrications I**	(3)
ART 2203C Fabrications II**	(3)
ART 2300C Beginning Drawing	(3)
ART 3301C Intermediate Drawing	(3)
2000 level Studio Elective	(3)
Total	21 hours

Students must meet all art prerequisites above with a minimum grade point average of 3.25 or above.

*History of Visual Arts I and II must be used to satisfy the General Education Historical Perspectives requirement if the student is to remain within 120 hours for the degree.

**Fabrications I or II must be used to satisfy the General Education Fine Arts requirement if the student is to remain within 120 hours for the degree.

II. Additions to the Art Foundation requirements:

2000 level courses the areas of	
Computer Language and/or Media	(3)
MMC 3602 Mass Communications and Society (program requirement)*	(3)
Total	6 hours

*Mass Communications and Society may be used to satisfy the General Education Social Sciences requirement if the student is to remain within 120 hours for the degree.

Graphic Design Program Requirements

III. Fall Semester

GRA 2206C	Typography	(3)
VIC 3001	Intro to Visual Communications	(3)
GRA 3110	Graphic Design I	(3)
GRA 3735	Multimedia Systems I	(3)
ARH 4430	19th Century Art	(4)
Total		16 hours

IV. Spring Semester

GRA 3104	Computer Graphics	(3)
PGY 3801C	Digital Media I	(3)
ART 4925	Media Workshop: Design Production	(3)
ARH 4724	History of Graphic Design	(4)
Support Course (XMW)		(3)

Total 16 hours**V. Fall Semester**

PGY 4802C	Digital Media II	(3)
ART 4684C	Visual Designs for the Internet	(3)
ART 4930C	Graphic Design: Senior Studio	(3)
ARH 4450	20th Century Art	(4)
Support Course (XLW)		(3)

Total 16 hours**VI. Spring Semester**

ART 4955C	Senior Project: Portfolio	(3)
GRA 4945	Professional Practicum	(3)
ART 4940	Internship	(2)
ARH	Art History Course (XMW)	

TAKE ONE OF THE FOLLOWING COURSES

ARH 3475C	Contemporary Issues in Art	(4)
ARH 4455	Modern Political Iconography	(4)
ARH 4710	History of Printmaking	(4)

Total 16 hours**Total 91**

Total Semester Hours for the B.F.A. degree in Art Studio with a Concentration in Graphic Design:

General Education*	(24)
Exit Requirements** (included in program)	(0)
Art Requirements	(87)
Elective Credits	(9)

TOTAL 120 HOURS

*Please note that 9 hours of General Education requirements are satisfied by the Art School curriculum and that the actual total hours in General Education remains 36 as state-mandated.

**Please note that 6 hours of Exit requirements must be completed in the Art School or in the College of Visual and Performing Arts and satisfy either B.F.A. program requirements or a portion of the special requirement. This ensures that the required total of 9 exit hours is satisfied within the 120 hours.

• ANTHROPOLOGY (ANT)

Anthropology aims at comprehending people as biological and social beings. It is concerned with all forms of people through time and space. One consequence of this broad-ranging view is the presence within anthropology of four branches: archaeology, biological anthropology, cultural anthropology, and linguistics. Exposure to anthropological information and the cross-cultural perspective produces heightened sensitivity in the student to the world about him/her. This helps the student to adopt an intellectual posture of disciplined skepticism with respect to any scheme that purports to define and account for regularities in human life.

The Department of Anthropology is concerned with applying anthropological knowledge, theory, method, and perspectives to problems of contemporary society. Illustrative areas of activity include human services needs assessment, program planning and evaluation, public archaeology, social and environmental impact assessment, and public policy analysis. Students majoring in other fields may find anthropology coursework an exciting and valuable supplement to their primary academic interest. A minor in anthropology has been developed with this purpose in mind. The minor program is structured to allow the student maximum flexibility in course selection within a broadly defined progression of anthropological concerns. Thus, the student is able to tailor a minor in anthropology to best suit special wants and needs in the context of an overall curriculum.

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College:

Students wishing to transfer to USF should complete the A.A. degree at the community college. Students should complete two lower level, introductory courses in Anthropology prior to entering the university. If not taken at the community college, they must be completed before the degree is granted. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. A grade of "C" is the minimum acceptable grade. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Requirements for the Major in Criminology

Required Core Courses:

ANT 2000	Introduction to Anthropology	(4)
ANT 2410	Cultural Anthropology	(3)
ANT 2511	Biological Anthropology	(3)
ANT 3101	Archaeology	(3)
ANT 3610	Anthropological Linguistics	(3)
ANT 4034	Theories of Culture	(3)
ANT 4935	Rethinking Anthropology	(3)

Beyond the recommended prerequisites listed above, the major in Anthropology consists of a minimum of 36 credit hours. ANT 2000 is prerequisite to all subsequent courses. ANT 3101, ANT 2410, ANT 2511 and ANT 3610 are required as intermediate level training in the main subdivisions of the field, and ANT 4034 and ANT 4935 complete the specific requirements. Majors are required to complete a minimum of 15 hours of 4000-level elective coursework, including courses from at least three of the four subfields shown below.

Archaeology

ANT 4142	Old World Archaeology	(3)
ANT 4143	European Archaeology	(3)
ANT 4147	Environmental Archaeology	(3)
ANT 4153	North American Archaeology	(3)
ANT 4158	Florida Archaeology	(4)
ANT 4165	South American Archaeology	(3)
ANT 4163	Mesoamerican Archaeology	(3)
ANT 4172	Historical Archaeology	(3)
ANT 4180	Laboratory Methods in Archaeology	(2-4)
ANT 4181	Museum Methods	(4)
ANT 4183C	Archaeological Science	(4)
ANT 4195	Fantastic Archaeology	(3)
ANT 4824	Archaeological Field Methods	(4-12)

Biological Anthropology

ANT 4520	Forensic Anthropology	(3)
ANT 4586	Prehistoric Human Evolution	(3)
ANT 4587	Human Variation	(3)

Anthropological Linguistics

ANT 4620	Language and Culture	(3)
ANT 4750	Language and Social Interaction	(3)

Cultural Anthropology

ANT 4231	Folklore	(3)
ANT 4241	Magic and Religion	(3)
ANT 4285	Oral History	(3)
ANT 4302	Gender in Cross-Cultural Perspective	(3)
ANT 4312	North American Indians	(3)
ANT 4316	Ethnic Diversity in the United States	(3)
ANT 4323	Mexico and Central America	(3)
ANT 4340	The Caribbean	(3)
ANT 4390	Visual Anthropology	(3)
ANT 4432	The Individual and Culture	(3)
ANT 4442	Urban Life and Culture	(3)

ANT 4462	Health, Illness and Culture	(3)
ANT 4495	Methods in Cultural Research	(3)
ANT 4701	Applied Anthropology	(3)
URS 3002	Introduction to Urban Studies	(3)

Anthropology majors are urged to become competent readers and speakers of a relevant modern foreign language (which may include American Sign Language). They are also urged to enhance their English reading, writing, speaking and critical thinking capabilities and develop their skills in computational, statistical and other forms of quantitative analysis at every opportunity. Students are encouraged to fulfill General Education and Exit requirements with courses relevant to their interests in anthropology whenever possible. In pursuit of all these goals, they should meet with the department's Undergraduate Advisor at least once each semester to discuss such topics as academic progress, future course plans, Department Honors Program, summer field schools, job opportunities, graduate education and professional careers in anthropology.

Requirements for the Minor in Anthropology

The minor in Anthropology consists of a minimum of 18 credit hours with a "C" average (2.0), distributed among three areas. Students will normally progress through these areas in the order listed below, selecting courses prerequisite or otherwise appropriate to courses desired in subsequent areas. Exceptions to this pattern must be approved by the department's undergraduate advisor. Students are urged to consult with an advisor to create the most beneficial set of courses.

1. 2000-level required core course (4 credit hours)
ANT 2000 Introduction to Anthropology
2. Intermediate-level core courses (3-6 credit hours)
ANT 2410 Cultural Anthropology
ANT 2511 Biological Anthropology
ANT 3101 Archaeology
ANT 3610 Anthropological Linguistics
3. 4000-level elective courses (9-12 credit hours)

As described above in the listing of elective courses in archaeology, physical anthropology, anthropological linguistics, and cultural anthropology.

• CRIMINOLOGY (CCJ)

The major in Criminology provides students with an in-depth exposure to the total criminal justice system including law enforcement, detention, the judiciary, corrections, and probation and parole. The program concentrates on achieving balance in the above aspects of the system from the perspective of the criminal justice professional, the offender, and society. The program provides a solid background in the theory, issues, and methodology comprising Criminology.

The objective of the undergraduate program in Criminology is to develop a sound educational basis either for graduate work or for professional training in one or more of the specialized areas comprising the modern urban criminal justice system.

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

There are no State Mandated Common Prerequisites for this degree program.

Transfer students should be aware that by university regulation they are obligated to establish academic residency

by completing the equivalent of one academic year (30 semester hours) in "on-campus" courses. All undergraduate transfer students electing Criminology as their major will be required, moreover, to take a minimum of 30 credit hours in major coursework at the University of South Florida. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Requirements for the Major in Criminology

A minimum of 36 semester hours is required of all undergraduate majors in Criminology including:

1. Each of the following core courses:
CCJ 3024 (3)* CCJ 3610 (3)*
CCJ 3701 (3)** CCJ 4934 (3)
2. At least two of the following substantive courses:
CJL 3110 (3) CJE 4114(3)
CJL 4410 (3) CJC 4010(3)
CJE 4010 (3)
3. 18 semester hours of electives within the major.

*These are gateway courses and are required for all other coursework in the major or minor; therefore, they need to be taken first.

**Students who plan to continue on to graduate school must also take CCJ 4700 as one of their electives within the major.

NOTE: No more than six (6) hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major.

These residence requirements are designed to ensure that transfer students who subsequently receive their baccalaureate degree from the University of South Florida with a major in Criminology will have been exposed to the same body of knowledge in their major as those students who complete all or a major portion of their coursework at the University of South Florida.

Any student who receives a grade of "D" or lower in more than one USF CCJ course will be automatically barred from continuing as a Criminology major.

Requirements for the Minor in Criminology

The program in Criminology offers a minor in Criminology. The minor consists of:

1. Two required courses:
CCJ 3024 (3) CCJ 3610 (3)
2. The selection of four of the following 3 hour courses for a total of 18 semester hours:
CJL 3110 CCJ 3621
CJE 4114 CJL 4410
CJC 4010 CJE 4010

Students must receive approval from Advising prior to starting their minor work. A minimum of 9 semester hours must be completed at USF. Students minoring in Criminology are subject to the program's "2 D" Rule.

• Economics (ECN)

A student may earn a Bachelor of Arts degree with a major in Economics through the College of Arts and Sciences by satisfactorily completing 33 credits in Economics in addition to Arts and Sciences college requirements.

The 33 credits must include:

- ECO 2013 Economic Principles: Macroeconomics (3)
- ECO 2023 Economic Principles: Microeconomics (3)
- ECO 3101 Intermediate Price Theory (3)
- ECO 3203 Intermediate Income & Monetary Analysis (3)
- ECO 4935 Economic Statistics (3)

or

- QMB 3200 Business and Economics Statistics II (3)

Economics electives numbered 3000 or higher (18)

ECO 3100, Managerial Economics, may be substituted for ECO 3101. Students may not take both ECO 3100 and ECO 3101 for credit.

Either ECO 1000 (if taken before both ECO 2013 and ECO 2023) or QMB 2100 (if taken as a prerequisite to QMB 3200) may be substituted for a maximum of 3 hours of upper level elective credit.

Grades of "C" or better in ECO 2013 and ECO 2023 are required for graduation with a major in Economics. Students must obtain a grade of "C" or higher in ECO 3101 or ECO 3100 in order to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite. At least 9 of the 18 hours of upper level economics electives must be in courses for which either ECO 3101, ECO 3100 or ECO 3203 is a prerequisite. No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914. At least 12 hours must be taken in residence at USF St. Petersburg.

Requirements for the Minor in Economics: Students from throughout the University may earn a minor in Economics by satisfactorily completing 18 hours in Economics including:

1. ECO 2013 Economic Principles: Macroeconomics (3)
ECO 2023 Economic Principles: Microeconomics (3)
Economics electives numbered 3000 or higher (12)
ECO 1000, if taken before both ECO 2013 and ECO 2023, may be substituted for 3 hours of upper level electives.
ECO 4905 and ECO 4914 may not be counted toward the minor.
2. Before being recognized as a minor in economics, a student must obtain program approval by an Undergraduate Advisor.
3. A grade point average of 2.0 or higher must be achieved in minor course work for certification of the minor for graduation.
4. At least 9 hours must be taken in residence at USF St. Petersburg.

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: The State of Florida has identified common course prerequisites for the major in Economics. These courses must be completed with a minimum grade of "C" before the degree is granted. If the courses are not transferred in, they may be taken at USF.

ECO x013 Economic Principles: Macro-economics and
ECO x023 Economic Principles: Micro-economics
or ECO XXXX and ECO XXXX

• ENGLISH (ENG)

Requirements for the Major in English

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements, thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C-" is the minimum acceptable grade.

ENC 1101 Composition I
ENC 1102 Composition II
or

Six semester hours earned in courses taught in the English program, **EACH** with 6,000 words of evaluated writing for a **TOTAL** of 12,000 words.

Suggested electives:

AMH 2010	American History I	3
AMH 2020	American History II	3
EUH 2021	Medieval History I	3
EUH 2022	Medieval History II	3

Upper-level coursework in the English Major:

The program in English provides two degree options below:
English and American literature - The primary mission of the literature option is to provide a solid foundation in the study of British and American literature. The program also offers courses in other world literatures in translation, cultural studies, feminist and ethnic studies, and both traditional and more recent critical approaches.

Professional and technical writing - The professional and technical writing option combines the study of English and American literature with an introduction to writing found in the professional workplace.

The English Education major is described under the section for the College of Education. Major requirements for English majors are listed below. A grade of "D" will not be counted toward fulfilling the major requirements. Grades of "D" or "F" in English courses will, however, be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy. Students may not use more than one Directed Study toward meeting the major requirements. Transfer students must earn at least 15 hours in the major at USF. A 2.5 GPA in the major is required for graduation.

OPTION I: English and American Literature

Twelve courses (36 hours) as follows:

1. Two of the following:
 - AML 3031 American Literature to 1860
 - AML 3032 American Literature 1860-1912
 - AML 3051 American Literature 1912-1945
2. Four of the following:
 - ENL 3015 British Literature to 1616
 - ENL 3230 British Literature 1616-1780
 - ENL 3251 British Literature 1780-1900
 - ENL 3273 British Literature 1900-1945
 - ENL 3331 Early Shakespeare or
 - ENL 3332 Late Shakespeare
3. Five of the following, at least two of which must be from Group A:
 - Group A**
 - AML 4111 19th Century American Novel
 - AML 4121 20th Century American Novel
 - ENL 4122 British Novel through Hardy
 - ENL 4132 British Novel: Conrad to the present
 - ENL 4311 Chaucer
 - ENL 4338 Advanced Studies in Shakespeare
 - ENL 4341 Milton
 - LIT 3101 Literature of the Western World Through the Renaissance
 - LIT 3102 Literature of the Western World Since the Renaissance
 - Group B**
 - AML 3031 American Literature to 1860
 - AML 3032 American Literature 1860-1912
 - AML 3051 American Literature 1912-1945
 - AML 3604 African-American Literature
 - AML 4261 Literature of the South
 - AML 4330 Selected American Authors
 - ENG 4060 History of the English Language
 - ENL 3015 British Literature to 1616
 - ENL 3230 British Literature 1616-1780
 - ENL 3251 British Literature 1780-1900
 - ENL 3273 British Literature 1900-1945
 - ENL 3331 Early Shakespeare
 - ENL 3332 Late Shakespeare
 - ENL 4303 Selected British Authors
 - LIN 4671 Traditional English Grammar
 - LIN 4680 Structure of American English
 - LIT 3022 Modern Short Novel

- LIT 3043 Modern Drama
 LIT 3073 Contemporary Literature
 LIT 3144 Modern European Novel
 LIT 3374 Bible as Literature
 LIT 3410 Religious and Existential Themes
 LIT 3700 Survey of Poetry
 LIT 4930 Selected Topics in English Studies
 4. ENG 4013 Literary Criticism (Required for Literature majors)

OPTION II: Professional and Technical Writing

This 36-hour program allows undergraduates to concentrate their studies in professional writing, wherein they will master special writing skills demanded by industry, business, government, and the professions. The English Department may arrange semester-long internships with local businesses, industries, and professional organizations. Interns will earn three credit hours and, in some cases, receive compensation from their employers for their duties.

Students choosing this concentration will also assure themselves of a core of liberal arts studies since they must take 21 credit hours of literature courses in addition to 15 hours of composition courses.

1. Composition requirements:

Five of the following:

- CRW 2100 Narration and Description
 ENC 2210 Technical Writing
 ENC 3213 Professional Writing
 ENC 3310 Expository Writing
 ENC 4260 Advanced Technical Writing
 ENC 4311 Advanced Composition
 ENC 4931 Selected Topics in Professional and Technical Writing

2. Literature requirements:

The student must select seven literature courses from those listed in OPTION I. Two courses must be from Group 1, four courses from Group 2, and one course from Group 3 and/or Group 4.

Requirements for the Minor in English English and American Literature Minor (15 hours)

1. One of the following:

- AML 3031 American Literature to 1860
 AML 3032 American Literature 1860-1912
 AML 3051 American Literature 1912-1945

2. Two of the following:

- ENL 3015 British Literature to 1616
 ENL 3230 British Literature 1616-1780
 ENL 3251 British Literature 1780-1900
 ENL 3273 British Literature 1900-1945
 ENL 3331 Early Shakespeare
 ENL 3332 Late Shakespeare

3. One course at the 4000 level listed in major OPTION I

4. One additional 3000- or 4000-level course accepted for the major with AML, CRW, ENC, ENG, ENL, LIN, or LIT prefix.

Professional and Technical Writing Minor (15 hours)

1. ENC 2210 Technical Writing
 ENC 4260 Advanced Technical Writing

Any two of the following courses:

- CRW 2100 Narration & Description
 ENC 3213 Professional Writing
 ENC 3310 Expository Writing
 ENC 4311 Advanced Composition
 ENC 4931 Selected Topics in Professional and Technical Writing

2. One AML or ENL course listed in OPTION I

• ENVIRONMENTAL SCIENCE AND POLICY (EVR)

The status of the earth's environment has been a major concern since the 1960s. As we enter the 21st century, it represents one of the most critical issues facing nearly all

nations individually as well as the earth community as a whole. Increased population, technology, globalization and diminishing natural resources all play an important role in the changing environment. As a consequence, governments at all levels are devoting resources to help understand the problems that we are facing and to aid in their mitigation. This includes everything from public education to cleaning up toxic waste sites.

The environmental industry is a growing arena for employment for degree holders at all levels. Students completing the Bachelor of Science (B.S.) in Environmental Science and Policy have found employment with government agencies (city, county, state, and federal), private industry, and non-profit organizations. Examples of careers include field scientist, research scientist, policy analyst, lobbyist, conservationist, and educator. Some also go on to attend graduate or law school.

The B.S. in Environmental Science and Policy was approved in 1995. This interdisciplinary program spans multiple colleges within the university but is housed in the College of Arts and Sciences. All students must complete the University's General Education Requirements. All majors in the program must complete the required courses including two introductory courses in environmental science and policy, 2 semesters each of general biology and general chemistry, environmental ethics, environmental politics and policy, statistics, and physical science (either geology or physics). In addition, majors take 6-7 courses that allow them to sub-specialize in science or in policy. Students choosing to sub-specialize in science take 2 semesters of calculus, 1 semester of organic chemistry and lab, and 4 electives within designated tracks. Students choosing to sub-specialize in policy take environmental law and environmental economics and 4 electives within designated categories. Finally, all majors must complete an upper division seminar and an internship or project.

Requirements for the Major in Environmental Science and Policy

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. *There are no State Mandated Common Prerequisites for this degree program.*

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students are encouraged to complete the following required supporting major courses prior to entering the university. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

BSC 2010, 2010L & BSC 2011, 2011L	
Biology I and II with Lab	8
and	
CHM 2045 & CHM 2045L General Chemistry & Lab	4
CHM 2046 & CHM 2046L General Chemistry II & Lab	4
plus	
STA 2023 Statistics	3
One approved Geology or Physics Course with Lab	4

The calculus sequence is only required for students pursuing the ESP-Science concentration.

MAC 2241 & MAC 2242 Life Sciences Calculus	4
or	
MAC 2281 & MAC 2282 Engineering Calculus	4
or	
MAC 2311 & MAC 2312 Calculus	3

All students majoring in Environmental Science and Policy are required to see the advisor each semester prior to regis-

tration for the following term. Students who are eligible for an internship must see the internship coordinator for six weeks prior to the beginning of the semester in which they will complete the internship.

REQUIREMENTS FOR ALL ENVIRONMENTAL SCIENCE MAJORS

EVR 2001 Intro to Environmental Science
 EVR 2001L Intro to Environmental Science Lab
 EVR 2861 Intro to Environmental Policy
 EVR 4921 ESP Seminar
 EVR 4910 ESP Project
or
 EVR 4940 ESP Internship
 BSC 2010 Biology I
 BSC 2010L Biology Lab I
 BSC 2011 Biology II
 BSC 2011L Biology Lab II
 CHM 2045 General Chemistry I
 CHM 2045L Chemistry Lab I
 CHM 2046 General Chemistry II
 CHM 2046L Chemistry Lab II
 PUP 4203 Environmental Politics and Policy
 PHI 3640 Environmental Ethics

Statistics

STA 2023 Introductory Statistics
or
 QMB 2100 Business and Economic Statistics
or
 EGN 3443 Engineering Statistics

Geology or Physics

GLY 2010 Dynamic Earth
 GLY 2015L Essentials of Geology Lab
or
 GLY 2100 Historical Geology
 GLY 2015L Essentials of Geology Lab
or
 PHY 2048 General Physics
 PHY 2048L General Physics Lab
or
 PHY 2053 General Physics
 PHY 2053L General Physics Lab

Science Track

MAC 2241 Life Sciences Calculus I
 MAC 2242 Life Sciences Calculus II
or
 MAC 2281 Engineering Calculus I
 MAC 2282 Engineering Calculus II
or
 MAC 2311 Calculus I
 MAC 2312 Calculus II
and
 CHM 2210 Organic Chemistry
 CHM 2210L Organic Chemistry Lab

Policy Track

ECP 3302 Environmental Economics
 POS 3697 Environmental Law

Science Track

MAC 2241 and MAC 2242 **OR** MAC 2281 and MAC 2282 **OR** MAC 2311 and MAC 2312 and CHM 2210 and CHM 2210L plus 4 electives from one of the following tracks: Restoration, Water Quality, Environmental Monitoring or Marine Resources. Please contact the Program office for a current list of electives under these categories.

Policy Track

ECP 3302 and POS 3697
 plus four approved policy-related electives.
 Please contact the advising office for a current list of electives under this category.

Requirements for the Minor in Environmental Science and Policy

A total of 19-20 credits are required for the minor in Environmental Policy, 12 of which must be completed at USF. The Minor in Environmental Policy consists of the following program outline:

Required core courses:

EVR 2001 Introduction to Environmental Science
 EVR 2001L Introduction to Environmental Science Lab
 EVR 2861 Introduction to Environmental Policy

Three of the following four courses:

PUP 4203 Environmental Politics and Policy
 PHI 3640 Environmental Ethics
 ECO 3302 Environmental Economics (prerequisite: ECO 2023 Microeconomics)
 POS 3697 Environmental Law

Plus an approved policy-related elective. Please contact the advising office for a current list of electives under this category.

• GEOGRAPHY (GPY)

The degree program in Geography consists of 10 courses (41 hours total), 5 of which are core courses required of all majors. The Urban track focuses on the social and spatial effects of the growth of cities, including issues such as the historical evolution of urban form and function, land-use changes and conflicts, economic restructuring, the growth and decline of inner-cities, and urban racial and ethnic relations.

Requirements for the Major in Geography Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

GEO XXXX	3
GEO XXXX	3

Two introductory courses in Geography with GEO prefix.

Upper-level Course Requirements

A major in Geography consists of 11 courses as follows:

Required core courses (6 courses + lab):

GEO 3013	Intro to Physical Geography	(3)
GEO 3013L	Intro to Physical Geography Lab	(1)
GEO 3402	Human Geography	(4)
GEO 3180	Digital Thematic Mapping	(4)
GEO 3164C	Quantitative Methods	(4)
GEO 4933	Geography Colloquium	(1)
GEAXXX	One course with GEA prefix	(4)

Supporting Courses (5 courses):

Majors will select among courses in the Urban track for their additional coursework. They must take an additional 5 courses, 2 of which *may* be outside of their track. If more than 1 course is taken outside of the track, 1 of them *must* be a techniques (elective) course. The following list designates supporting courses by track (or elective technique).

Urban Track Courses:

GEO 3602	Urban Geography	(4)
GEO 4502	Economic Geography	(4)
GEO 4604	Advanced Urban Geography	(4)
GEO 4700	Transportation Geography	(4)
GEO 4470	Political Geography	(4)
URP 4052	Urban and Regional Planning	(4)

GEO 4421 Cultural Geography	(4)
GEO 4340 Natural Hazards	(4)
<i>Techniques Courses (electives):</i>	
GEO 4114C Geographic Techniques and Methodology	(4)
GEO 4131C Remote Sensing of the Environment	(4)
GEO 4151C Geographic Information Systems (GIS)	(4)
<i>Courses Excluded as Electives for the major:</i>	
GEO 1930 Geography of Current Events	(4)
GEO 2371 Earth System Science	(3)
<i>Only 4 combined hours of the following courses may be applied toward the degree:</i>	
GEO 4900 Directed Reading	(1-4)
GEO 4910 Individual Research	(1-4)

Requirements for the Minor in Geography

A minor in Geography consists of 16 credit hours, with a minimum grade-point average of 2.0. The required courses are:

GEO 3013 (3) GEO 3013L (1) GEO 3402 (4)
One GEA elective (4) and one upper level GEO, MET or URP elective (3000-5000 level) (4).

Students may not apply upper level Geography electives to the Geography minor that are being used to satisfy their major requirements.

• GOVERNMENT & INTERNATIONAL AFFAIRS (INT/POL/PAD)

The program in Government and International Affairs includes the study of Political Science. Its goal is to provide students the opportunity to study the nature of government, politics, and administration at the local, national, and international levels, as well as the interdisciplinary nature of the international system. Towards that end it offers students an undergraduate degree. The program in Government and International Affairs provides students with a range of courses of study and areas of concentration.

POLITICAL SCIENCE (POL)

The undergraduate program leading to the B.A. degree in political science offers a general purpose degree, and a number of more specialized alternatives. The program is designed for students interested in and seeking to understand political problems, issues, and the nature of the political process, as well as the philosophical and legal basis of political structures and processes at local, state, national, and international levels. Satisfying the degree requirements prepares students for positions in the public and private sectors, for law school, for graduate work in political science, international relations, public administration, and related disciplines, for positions in education, and for applied political activity.

Requirements for the Major in Political Science

Prerequisites (State Mandated Common Prerequisites)

Students should complete any two introductory courses with a POS, INR, or CPO prefix (ideally POS 1041 or POS 2041, and POS 1112 or POS 2112) at the lower level prior to entering the university. If these introductory courses are not taken at the community college, they must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade.

Upper-level Course Requirements

A minimum of 36 credit hours is required to satisfy the requirements of the major. Students must take the 12 credit hours of required core courses in political science. No more than six credit hours can be taken from POS 4905, POS 4910, and POS 4941. Students enrolled in the Washington, D.C. semester program may have this rule altered by their advisor. (A GPA of 3.0 is required to enroll in these courses; the Chair may grant special exception for students with a GPA between

2.70 and 2.99).

In addition, all Political Science majors are required to take at least 3 credit hours of Economics (See your advisor for recommendations).

Students transferring credit hours toward a major in political science must complete a minimum of 21 credit hours within the program, regardless of the number of credits transferred.

The undergraduate curriculum in political science is composed of the following:

Required Core Courses (12 credit hours)

CPO 2002 Introduction to Comparative Politics	(3)
or	
INR 2002 Introduction to International Relations	(3)

AND

POS 2041 American National Government	(3)
POT 3003 Introduction to Political Theory	(3)
POS 3713 Empirical Political Analysis	(3)

Note that either CPO 2002 or INR 2002 must be taken as a core course. However, the other course not taken as a core course may be taken as an elective.

Students should complete POT 3003 and POS 3713 by the end of their junior year; students transferring with 45 credit hours or more must complete these courses within their first two semesters in residence at USF. A grade of "C" or better is required in all core courses.

Students must choose electives from the seven fields (24 credit hours) with at least one course from Field I, one course from Field II or III, and one course from any of Fields IV, V, VI, or VII. Core courses must be completed before a course from a given field or field grouping can be taken.

Field I Political Theory

POT 3013 (3)	POT 4064 (3)	POT 5626 (3)
POT 4054 (3)	POT 4204 (3)	

Field II Comparative Government and Politics

CPO 4034 (3)	CPO 4930 (3)	CPO 5934 (3)
--------------	--------------	--------------

Field III International Relations

INR 3102 (3)	INR 4035 (3)	INR 4502 (3)
INR 3038 (3)	INR 4254 (3)	INR 5086 (3)
INR 3336 (3)	INR 4403 (3)	

Field IV American National and State Governments

POS 2080 (3)	POS 3273 (3)	POS 4413 (3)
POS 2112 (3)	POS 3453 (3)	POS 4424 (3)
POS 3173 (3)	POS 4204 (3)	POS 5094 (3)
POS 3182 (3)	PUP 4323 (3)	

Field V Urban Government and Politics

POS 3142 (3)	POS 5155 (3)	URP 4050 (3)
--------------	--------------	--------------

Field VI Public Policy

INR 3102 (3)	PUP 4203 (3)	PUP 5607 (3)
PUP 4002 (3)	PUP 4323 (3)	URP 4050 (3)

Field VII Law and Politics

INR 4403 (3)	POS 3691 (3)	POS 4624 (3)
POS 3283 (3)	POS 4614 (3)	POS 4693 (3)
POS 4694 (3)	POS 3697 (3)	

The following courses are not included within any of the seven fields, but may still be used as elective hours:

PAD 3003 (3)	POS 4936 (3)	PAD 4204 (3)
POS 4941 (3-15)	POS 4905 (1-3)	POS 4970 (3)
POS 4910 (1-3)	POS 3931 (3)	POT 4109 (3)
POT 4661 (3)	POT 4936 (3)	

Requirements for the Minor in Political Science

A minor in political science requires the completion of a minimum of 18 credit hours, made up of two courses (6 credit hours) from among CPO 2002 (or INR 2002), POS 2041, and POT 3003. An additional 12 credit hours of courses included in the Political Science major are also required.

Students transferring credit hours toward a minor in political science must complete 12 credit hours within the program, regardless of the number of credit hours transferred.

Requirements for the Pre-Law Plan in Political Science

The Political Science Program offers a pre-law plan designed for the undergraduate students who are considering a career related to law (Courses on Law and Politics are listed under Field VII of the Political Science undergraduate curriculum). The courses making up the field are of particular interest to law-oriented students, but may be taken by others as well. Majors are required to complete courses that can help them develop necessary skills to study law. Students receive the skills and information needed for entry into a number of law-related positions in business and government. Please see the departmental pre-law advisor to obtain more information about the pre-law plan.

Prior to admission to law school, a student must take the Law School Admission Test (LSAT), as given by the Educational Testing Service of Princeton, New Jersey.

The Law School Admission Test is given simultaneously several times each year at the University of South Florida and numerous other testing centers throughout the state. Students should plan to take the test at least one year prior to planned enrollment in law school.

• HISTORY (HTY)

The discipline of history embraces a diverse world of ideas, peoples, and events. Our faculty seeks to inform and question, to provoke, and to challenge our students to a higher level of understanding of the past. History at USF St. Petersburg offers the student an opportunity to explore civilizations from around the globe and from the ancient through contemporary eras. We encourage our students to move beyond traditional memorization of material to a critical level of thinking, analysis, and synthesis. Accomplished history majors are attractive to all kinds of employers in any number of fields, as well as to graduate and professional schools. USF history alumni can be found in such diverse professions as law, medicine, business, government, foreign service, politics, and education.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. If students transfer with fewer than 60 semester hours of acceptable credit, they must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students at a community college planning to transfer to USF and major in history are encouraged to complete as many of the lower level requirements as possible at the community college level. Courses that fulfill the General Education/Gordon Rule requirement would be especially valuable. The minimum acceptable grade for courses being transferred for history department credit is a "C." If these courses have not been completed satisfactorily upon enrolling at USF, they must be taken before the degree is granted.

Requirements for the Major in History

A minimum of 32 semester hours is required for a major in history. A minimum grade of "C" or better must be attained in each course counted toward the 32-hour requirement. However, grades of "D" or "F" in history coursework will be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy.

Lower-level Course Requirements for the Major

A minimum of 12 hours of 2000 level courses, or their equivalent, constitute the lower level requirements. Two of these courses must be sequential. Students may choose from introductory courses in the fields of Ancient, Medieval, Modern European, or American history to fulfill this two-course sequence. The remaining hourly requirements may be filled by

taking any of the other 2000 level history courses.

Upper-level Course Requirements for the Major

A minimum of 20 hours of course work from the 3000-4000 level is required to fulfill the 32-hour minimum requirement. Two of these courses, the Pro-Seminar and the Theory of History courses are required for all majors. These courses may only be taken in the last two semesters prior to graduation and may not be taken during the same semester. The remaining 12 hours of credit may be chosen from the department offerings each semester. It is recommended that history majors take ENC 3310, "Expository Writing," SPC 2600, "Public Speaking," and LIS 2937, "Library/Internet Research Skills." Additional hours can be profitably drawn from the following disciplines: Anthropology, Economics, Geography, Government and International Affairs, Literature and Psychology. Majors intending to pursue graduate work should take a minimum of two years of classical or modern foreign language.

Open University courses and exit courses titled "Issues in History" (HIS 3938) and "War and Society" (HIS 3308) are not eligible for major field credit.

Requirements for the Minor

The minor in History entails a 15-hour program organized and contracted by the student and the department around the specific needs of the student's major program. A minimum of 8 hours must be completed at the University of South Florida and the student must maintain a 2.0 GPA in the minor. A minimum grade of "C" or better must be attained in each course. One lower-level sequence is required, earning 6 credit hours. The department will supervise certification of the minor. Students interested in a minor in history are encouraged to see the History department advisor as early in their undergraduate program as possible.

Open University courses and exit courses titled "Issues in History" (HIS 3938) and "War and Society" (HIS 3308) are not eligible for minor field credit. On-line courses are also not accepted for minor credit.

• INTERDISCIPLINARY SOCIAL SCIENCES (ISS)

The ISS program is designed to provide an interdisciplinary integration of the social sciences for students who are interested in a broad educational experience. ISS offers a wide choice of courses, and an opportunity to design a quality program geared toward individual needs and interests. Students plan their program in ongoing consultation with the advisor who approves each individual curriculum contract.

Specific requirements for a B.A. degree in Interdisciplinary Social Sciences (ISS) are outlined below:

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for the ISS degree program.

Some of the following courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses, could count toward the ISS degree. A grade of "C" is the minimum acceptable grade.

AFA	2000	Introduction to the Black Experience [In Africa and Its Diaspora]	(3)
-----	------	--	-----

AMH 2010	American History I	(3)
or		
AMH 2020	American History II	(3)
ANT 2000	Introduction to Anthropology	(3)
ECO 2013	Economic Principles (Macroeconomics)	(3)
ECO 2023	Economic Principles (Microeconomics)	(3)
GEA 2000	World Regional Geography	(4)
POS 2041	American National Government	(3)
or		
POS 2112	State and Local Government	(3)
SYG 2000	Introduction to Sociology	(3)
WST X015	Introduction to Women's Studies	(3)

Interdisciplinary Core Courses

Two of these courses, an introductory course (3010) and the senior seminar (4935), introduce and employ the interdisciplinary social science perspective. These courses involve students in the study of human life and experience; the various concepts, theories and methods used in the social sciences; and apply them to contemporary issues and questions. Social Science Statistics is the third core course required for majors in Interdisciplinary Social Sciences.

Coursework required for Interdisciplinary Social Sciences Majors

1. Required core courses for the major are:
ISS 3010 Introduction to Social Sciences (3)
ISS 4935 Seminar in the Social Sciences -MW (3)
STA 2122 Social Sciences Statistics -6A QM (3)
2. The ISS student chooses two cognate areas and completes twelve hours in each. In addition, three special electives emphasize cultural diversity.
3. Students should work out a program of study at the onset of their junior year, particularly before too many courses are completed in the College of Arts and Sciences. **No student should assume that courses already completed will automatically count toward the ISS degree.**
4. The student must complete of 42 approved hours of course work from the College of Arts and Sciences (CAS), with a minimum of 30 hours at the 3000 or above level.
5. Students must maintain a minimum grade point average of 2.0 in ISS to graduate.
6. ISS majors must satisfy two semesters of a foreign language in order to graduate.
7. Other personal curricula may be tailored for those highly motivated students, with a minimum grade point average of 3.2, developed with the approval of the advisor. This course of study will be directed toward the special educational interests of these students. An in-depth Honors Research Paper will be required of students taking this option.

No transfer courses with grades of "D" are acceptable for credit in the ISS major.

COGNATE AREAS - Students select two areas and take 12 hours in each. Cognates must be selected from the areas of study listed below:

Africana Studies, Anthropology, Criminology, Economics, Environmental Science and Policy, Geography, History, Humanities, International Studies, Latin American Studies, Political Science, Psychology, Sociology, Social Work, and Woman's Studies.

MASS COMMUNICATIONS/JOURNALISM (COM)

Mass Communications/Journalism introduces students to the theories, principles, and problems of communications, emphasizing the concept of freedom of information as the cornerstone of constitutional democracy and preparing students for future leadership roles in communications media. Graduates should understand the structure and functions of mass media systems as well as the basic processes of

communication. In addition, students specialize in an area of mass communications (advertising, journalism, public relations, or telecommunications) to blend a strong introduction to professional skills with the theoretical orientation.

Majors seeking careers in the mass media will be directed to the various media in close contact with the School for summer internships, practica, and part-time work. A limited number of students will have the opportunity to serve as interns with a mass communications organization and take MMC 4945 for three hours credit. Students may not receive credit for both an internship (MMC 4945) and a practicum (ADV 4940, JOU 3940, JOU 4941, JOU 4944, PUR 4700, RTV 3941, RTV 4942, VIC 3943).

Requirements for the Major in Mass Communications/Journalism

To be admitted to the core curriculum in Mass Communications/Journalism, students must have completed general education requirements or a minimum of 45 hours with a 2.75 minimum Overall Grade Point Average, including ENC 1101 and 1102 with a minimum grade of "C" in each. Applicants must establish a minimum score of 60 percent on the Mass Communications English Diagnostic Test prior to entering MMC 2100 (Writing for Mass Media). (Students who transfer MMC 2100 or its equivalent must pass the Mass Communications/Journalism English Diagnostic Test with a score of at least 70 percent, which is the same score required for the successful completion of MMC 2100 at USF.) Both courses in the Mass Communications core curriculum (MMC 2100 and MMC 3602) must be completed with a minimum grade of "C" before any other Mass Communications/Journalism course may be taken. Students failing to achieve a minimum grade of "C" in both MMC 2100 and MMC 3602 will be disallowed as majors in the School. A 2.5 GPA in Mass Communications courses is required for graduation, and no student may graduate with a grade lower than "C" in any Mass Communications/Journalism course.

The Mass Communications/Journalism major requires six hours of core curriculum courses (MMC 2100 and MMC 3602) and 31 hours of a combination of required and selective sequence courses for a total of 37 hours in Mass Communications within the 124-hour degree requirement. Six hours in Mass Communications/Journalism writing courses (three hours in addition to MMC 2100) are a part of the graduation requirement.

Mass Communications/Journalism majors are required to take a minimum of 80 hours in courses outside the journalism and mass communications areas, with no fewer than 65 hours in the basic liberal arts and sciences. (Liberal Arts courses are listed in materials available from the School program advisor.) To facilitate this, no more than 44 hours of Mass Communications/Journalism courses may be applied toward the bachelor's degree within the 124-hour graduation requirement. Mass Communications/Journalism majors taking more than 44 hours of Mass Communications/Journalism courses, regardless of the departments in which those courses are listed, must add those hours to the 124 hours required for graduation. In particular, film and photography courses offered in other departments may be considered to be Mass Communications/Journalism courses and added to the 124-hour degree requirement.

At least twenty-two (22) hours of resident School courses are required.

All material submitted by students as assignments in writing, reporting, editing, photography, and electronic news gathering and production classes is subject to publication or broadcast. The School uses a variety of print and electronic media outlets.

Sign Language may be used as an option by Mass Communications/Journalism majors to fulfill the language requirement.

Most Mass Communications/Journalism courses have prerequisites as specified in the course description (these prereq-

quisites are separate from the State Mandated Common Prerequisites for program admission listed below). Refer to each prerequisite listed to determine progressive prerequisites for each course. Students also should note that the Mass Communications/Journalism major is a four-semester program at a minimum and the majority of courses are offered only during the day.

Prerequisites (State Mandated Common Prerequisites)

This is a limited access program. Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students must complete 18 semester hours outside the Mass Communications/Journalism curriculum and beyond the 36 hours general education requirements prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses.

English Composition (minimum grade of "C") (6)

MMC 3602 Mass Communications and Society (3)

Prior to being admitted to the School of Mass Communications, a student must:

Complete a minimum of 45 semester hours including all General Education requirements and six hours of English composition (with a minimum grade of "C"), earn a 2.75 overall GPA, and pass a School-administered English Diagnostic Test.

A maximum of nine semester hours in Mass Communications courses will be accepted from a community college or other lower-level program toward a degree in Mass Communications. It is suggested that the nine hours include the equivalent of the School core curriculum and one sequence introduction course. Approval by an appropriate advisor is required.

Required Upper-level Coursework for the Mass Communications Major

School Core Curriculum

MMC 2100 Writing for the Mass Media

MMC 3602 Mass Comm and Society

Sequence Requirements

JOURNALISM Requirements

News-Editorial Option

JOU 2100 Beginning Reporting

JOU 3101 Advanced Reporting

JOU 4181 Public Affairs Reporting

JOU 4200 News Editing I

MMC 4200 Communications Law

MMC 4203 Media Ethics

JOU 4206 Newspaper and News Publication Design

or

PGY 3610 Photojournalism I

Selective Requirements (10 hours required, selected with advisor's approval)

Other Requirements:

The following courses are required outside the School to complete sequence requirements:

ECO 1000 Basic Economics

PHI 1103 Critical Thinking

POS 2041 American National Government

POS 2112 State and Local Government and Politics

or

POS 3142 Intro to Urban Politics & Government

and

SYG 2010 Contemporary Social Problems

Magazine Option

JOU 2100 Beginning Reporting

JOU 3101 Advanced Reporting

JOU 3308 Magazine Article and Feature Writing

JOU 4200 News Editing I

JOU 4212 Magazine Design and Production

MMC 4200 Communications Law

MMC 4203 Media Ethics

MMC 4420 Research Methods

Selective Requirements (7 hours required, selected with advisor's approval)

Other Requirements: The following courses are required outside the School to complete sequence requirements:

ECO 1000 Basic Economics

CRW 2100 Narration and Description

PHI 1103 Critical Thinking

POS 2041 American National Government

POS 2112 State and Local Government and Politics

or

POS 3142 Intro to Urban Politics and Government

and

SYG 2010 Contemporary Social Problems

See specific courses for prerequisites.

Visual Communications Option

Sequence Core Curriculum (all 9 courses required):

JOU 2100 Beginning Reporting

JOU 4200 News Editing I

JOU 4206 Newspaper and News Publication Design

MMC 4200 Communications Law

MMC 4203 Media Ethics

MMC 4936 Selected Topics: Visual Communication and New Media

PGY 3610C Photojournalism I

VIC 3001 Introduction to Visual Communications

VIC 3943 Visual Communications Practicum

Selective Requirements (6 hours required, selected with advisor's approval)

Other Requirements: The following courses are required outside the School to complete the sequence requirements:

An advisor-approved 6-hour concentration

or

ECO 1000 Basic Economics

SYG 2010 Contemporary Social Problems

Requirements for the Minor in Mass Communications

The minor in Mass Communications is available to students pursuing any other major at USF. Students who wish to minor must apply for admission to the Advising Office and must meet all admission standards required of majors. Please see "Requirements for the Major in Mass Communications" for more admission information.

The minor in Mass Communications requires a minimum of 18 hours of Department coursework, including:

MMC 2100 (3) MMC 3602 (3)

The other 12 hours may be selected from among Department offerings and must include a minimum of 9 hours at the 3000-level or higher. All major course prerequisites must be met. A grade of "D" or "F" will not be counted toward a mass communications minor and a 2.5 grade point average in all minor coursework must be maintained. All minor hours must be completed at USF.

• PSYCHOLOGY (PSY)

Psychology involves the scientific study of behavior and mental processes. Because of this focus, psychology is relevant to many other areas of study both inside and outside of

the social and behavioral sciences. The undergraduate program in Psychology offers the student a well-rounded liberal arts education. In addition, the program provides excellent training for qualified students who wish to pursue graduate work in such disciplines as Clinical, Cognitive and Neural Sciences. The undergraduate major emphasizes the breadth of psychology while allowing the student some electives to pursue in depth a particular aspect of the field.

Requirements for the Major in Psychology Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

PSY X012 Introduction to Psychology **and** any other lower level Psychology course within the Psychology inventory

STAXXXX Any level Statistics course (X000 - X099)

BSCXXXX Any level General Biology course (**or** BSC X200-X209, **or** ZOO X010)

Majors must complete at least 34 semester hours in the field. A minimum grade of "C-" or better must be attained in each course in the major, except for PSY 3044 and PSY 3213, where a C or better is required. Although a C- is allowable for individual courses, a major GPA of 2.0 minimum is required for graduation. All majors must complete:

Requirements for Psychology Majors

- 2000/3000 Level Requirement (6 semester hours)
 - PSY 2012 Psychological Science I (if not already taken at a community college)
 - PSY 3044 Psychological Science II
- Methods Course Requirement (7 semester hours)
 - PSY 3213 Research Methods
 - and one of the following:
 - CLP 4433 Tests and Measures
 - PSY 4205 Experimental Design and Analysis
 - or another methods course approved by the undergraduate advisor in Psychology.
- 4000 Level Requirement (21 semester hours)
 - Courses in categories 1 and 2 must be completed before any 4000 level courses are attempted. Successful completion of 7 additional Psychology courses numbered at the 4000 level selected as follows: At least two courses from each of the two groups below:

Group I

- EXP 4204C Perception
- EXP 4404 Psychology of Learning
- PSB 4013C Physiological Psychology
- EXP 4304 Motivation
- EXP 4523C Cognitive Psychology

Group II

- CLP 4143 Abnormal Psychology
- INP 4004 Industrial Psychology
- SOP 4004 Social Psychology
- DEP 4005 Developmental Psychology
- PPE 4004 Personality

and any 3 additional courses numbered at the 4000 level.

Note: No more than a total of 3 hours of the following courses

may count toward the major:

PSY 4913 Directed Study

PSY 4970 Honors Thesis.

PSY 4932 may not count toward the major. Nor may EAB 4715 (Supervised Practicum) count towards the major for those in the Applied Behavior Analysis program.

Statistics and Biological Science are required. Otherwise, students majoring in psychology are encouraged to complete a varied undergraduate program.

A prerequisite for all 4000-level courses is a grade of "C" or better in both PSY 3044 and PSY 3213, not "C-". For students minoring in Psychology, a grade of "C" or better in any college-level statistics course will substitute for the PSY 3213.

For students majoring in Interdisciplinary Social Sciences, any college-level statistics course with a grade of "C" or better may serve as prerequisite for 4000 level courses in Psychology but does not substitute for the PSY 3213 requirement.

Requirements for the Minor in Psychology

A minor in Psychology consists of a minimum of 15 credit hours, comprising PSY 2012, PSY 3044, and any three 4000-level psychology courses except PSY 4913. Students minoring in Psychology must also obtain a "C" or better in any college level statistics course in lieu of PSY 3213, or must complete PSY 3213 with a "C" or better. A GPA of 2.0 or better in the minor is required for certification. The purpose of the minor is to help students majoring in other disciplines to obtain an appropriate psychology background that will complement their work in their major. See the USF St. Petersburg Office of Academic Advising for suggested minor programs for students majoring in various fields.

STUDENT ORGANIZATIONS IN THE COLLEGE OF ARTS AND SCIENCES

Anthropology Club - To promote and encourage an interest in Anthropology among individuals within the USF community, to provide a forum for the exchange of anthropological ideas between faculty and students, and foster an informal and creative atmosphere for interaction. For further information please see our website <http://web.tampabay.rr.com/rllewel/index.htm>

Arts and Sciences Honor Society - To recognize high academic achievement by students in the College of Arts and Sciences. Membership is by invitation. One induction is held each year during the fall semester. For further information, contact Academic Advising (DAV 134)

Psi Chi - Psi Chi is the National Honor Society in Psychology, founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Membership is open to graduate and undergraduate men and women who meet the minimum qualifications. Psi Chi is a member of the Association of College Honor Societies and is an affiliate of the American Psychological Association and the American Psychological Society.

ARTS AND SCIENCES FACULTY

Anthropology

Professor: J. Sokolovsky, *Assistant Professor:* J. Arthur; *Visiting Assistant Professor:* K. Weedman.

Art

Associate Professor: J. Spadaro; *Assistant Professors:* D. Angello, S. Bundrick, J. Spadaro; *Visiting Assistant Professor:*

L. Karl.

Criminology

Assistant Professors: D. Cecil, L. Holland-Davis, W. Ruefle;
Visiting Instructor: J. Davis

English

Professor: D. Wells; *Associate Professor:* L. Starks; *Assistant Professors:* J. Armstrong, L. Culp, P. Kalliney, J. Walker, L. Starks; *Instructors:* K. Minor, K. White.

Environmental Science and Policy

Professors: C. D'Elia, J. Gore; *Assistant Professors:* D. Cassill, J. Krest, A. Price-Smith, M. Riedinger-Whitmore, D. Smoak, K. Carvalho-Knighton; *Visiting Research Assistant:* T. Whitmore.

Florida Studies

Professors: R. Arsenault, G. Mormino

Geography

Assistant Professors: B. Dixon, D. Mustafa, T. Smucker.

History

Assistant Professors: S.J. Fernandez, J. Kessenides.

Government and International Affairs

Professors: A. Njoh, D. Paulson; *Assistant Professors:* N. Johnson, J. Scourfield McLaughlan, T. Smith

Interdisciplinary Social Sciences

Assistant Professors: C. Meindl, E. Schmidt; *Visiting Instructor:* V. Hilliard

Mass Communications

Professors: D. Elliott, G. M. Killenberg; *Associate Professor:* R. Dardenne; *Assistant Professors:* C. Koski, M. Walters, P. Stark-Adams.

Mathematics

Assistant Professors: M. Gaulter, B. McKay; *Visiting Instructor:* R. Shumbusho.

Psychology

Professor: V.M. Durand, R. Fowler; *Associate Professor:* J. McHale; *Assistant Professors:* E. Odgaard, S. Partan, M. Pezzo; *Visiting Assistant Professor:* T. Chenneville.

Social Work

Assistant Professors: S. Allen, J. Cabness.

World Language Education

Assistant Professors: Y. Angulo-Cano, M. Fernandes.

COLLEGE OF BUSINESS

The College of Business offers courses of study leading to both undergraduate and graduate degrees. All degree programs offered by USF are fully accredited by AACSB International — The Association to Advance Collegiate Schools of Business.

The undergraduate curriculum that leads to a Bachelor of Arts or Bachelor of Science degree is composed of several segments: (1) broad general education in the arts, humanities and sciences; (2) the common body of knowledge for management responsibilities; and (3) specialized areas of concentration in Accounting, Economics, Finance, General Business, International Business, Management, Information Systems,

and Marketing. Through flexibility in its requirements, the College is able to satisfy the different interests and career objectives of students with diverse backgrounds.

The College of Business is in Bayboro Station near the corner of 3rd Street South and 13th Avenue South in St. Petersburg.

Mission

The mission of the College of Business at USF St. Petersburg is to educate, develop, and promote effective and socially responsible managers, professionals, and other leaders through discipline-specific and multidisciplinary learning, research, and service in an increasingly global environment.

Undergraduate Admission to the College

Admission to the College of Business is based upon availability of faculty and space within each discipline. The College is an upper-level, limited access college, which means that it has admission requirements **in addition to** those of the University in general. Students interested in pursuing a degree in the areas offered by the College of Business must complete the required prerequisites for entering the college in addition to other related criteria listed in 1-4 below.

Requirements for Entering the College of Business

- Before declaring a major in the College, students must satisfy the following criteria:
 - Minimum of 60 semester hours of college credit earned.
 - Minimum of 2.5 cumulative grade point average on all college-level work and a minimum 2.0 on all credit attempted at USF, including any prior to renewal.
 - Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C or higher:
 - ACG X021 Financial Accounting (or ACG X001 & ACG X011)
 - ACG X071 Managerial Accounting (Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the College of Business)
 - CGS X100 Computers in Business (or acceptable substitute)
 - ECO X013 Principles of Macroeconomics
 - ECO X023 Principles of Microeconomics
 - MAC X233 Elementary Calculus or MAC 2230
 - STA X023 Introductory Statistics or QMB X100
 - In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business (listed below) except GEB 4890 provided they have completed 60 semester hours and have met course prerequisites.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.
- Students must be admitted to the College of Business at least one term before their anticipated graduation date.

Transfer Students

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

Florida public junior/community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at the junior/community college. As a rule, AA students should avoid taking any business courses at the junior/community college that are listed as 3000 and 4000 level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business

administration and economics courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration or economics. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of written examinations prepared and administered by the College of Business Administration or by successfully completing specified advanced courses in the discipline.

Florida public junior/community college students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the College of Business and prepare a program plan for degree completion. Students transferring to the College of Business with an A.S. in Business Administration may earn a major in General Business Administration only.

Florida public junior/community college students pursuing an Associate of Science (AS) program in any other discipline should contact the USFSP Office of Admissions, BAY 102, (727) 553-4142 for information regarding course transferability and degree articulation.

BACCALAUREATE LEVEL DEGREE PROGRAMS

General Requirements for B.A./B.S. Degree in Business

Students must satisfactorily complete a minimum of 120 semester hours. Of the minimum 120, at least 60 hours must be business courses, and a minimum of 54 hours must be non-business courses (i.e., all courses not normally offered in the College of Business). Additional electives may be required to reach a minimum of 120 hours and can be either business or non-business.

As a part of the 120-hour requirements for the B.A. or B.S. degree, the following criteria also apply:

GPA: A minimum grade-point average of 2.0 must be achieved in the major and/or minor field, as well as in all College work and in all USF work, for students to be certified for graduation.

CLAST and Gordon Rule: Students must have satisfactorily completed CLAST and the writing and computation course requirements of 6A-10.30 ("Gordon Rule").

Foreign Language: For a Bachelor of Arts degree, students must demonstrate competency in a foreign language (refer to the Academic Policies and Procedures section of this catalog). The College of Business does not approve American Sign Language for the Foreign Language Exit Requirement.

Residency: College of Business residency requirements for graduation exceed the minimum requirements established for USF. Students are required to complete satisfactorily at USF a minimum of 50 percent (30-33 semester hours depending on major) of required business courses, including 12-18 semester hours in the major field. Normally, independent study and independent research courses do not fulfill this requirement.

International Course Requirement: All business students are required to select at least one course that deals with contemporary international topics. This course can be included in the business, non-business, or elective category. Consult with a business advisor for suggestions on acceptable courses.

No S/U courses in major or minor: All courses in the major or minor field and all foundation coursework in business must be taken on a graded basis; the S/U option is not available.

Degree Requirements

NON-BUSINESS (54 hrs. minimum)

1. General Education Requirements*

Semester Hours

a. English Composition	6
b. Quantitative Methods (Calculus is required)	6
c. Natural Sciences	6
d. Social Sciences	6
e. Historical Perspectives	6
f. Fine Arts	3
g. African, Latin American, Middle Eastern, or Asian Perspectives	3
Total	36
2. Liberal Arts Exit Requirements*	
a. Major Works and Major Issues	6
b. Literature and Writing	3
Total	9
*See Liberal Arts Requirements for more details	
3. Speech/Writing Requirements for Business Majors	
a. SPC 2600 Public Speaking	3
or	
COM 3110 Communication for Business and the Professions	
b. ENC 3213 Professional Writing	3
or	
ENC 3310 Expository Writing or equivalent	
Total	6
4. Additional elective credits	
Students may or may not need to take additional hours to meet the minimum of 54 non-business credits (see "Electives" heading below for a suggested course)	
Total non-business credit hours	54

BUSINESS (60-69 hrs. minimum)

1. Foundation Courses in Business	
Required - a minimum grade of C- in each foundation course with an overall 2.0 GPA	
ACG 2021 Principles of Financial Accounting	3
ACG 2071 Principles of Managerial Accounting	3
ECO 2013 Economic Principles: Macroeconomics	3
ECO 2023 Economic Principles: Microeconomics	3
QMB 2100 Business & Economic Statistics I	3
BUL 3320 Law and Business I	3
FIN 3403 Principles of Finance	3
ISM 3011 Information Systems in Organizations	3
QMB 3200 Business & Economic Statistics II	3
MAN 3025 Principles of Management	3
MAR 3023 Basic Marketing	3
GEB 4890 Strategic Mgmt/Decision Making	3
Total	36
2. Major Requirements (specific courses for each major are listed in the "Departments and Programs" section below.)	18-27
3. Business Electives (sufficient electives to meet 60 credit hour minimum in Business)	0-6
Minimum Business Credits	60-66

ELECTIVES IN BUSINESS OR NON-BUSINESS

Sufficient elective courses to reach a minimum of 120 hours (ranges from 0-6 credit hours if above requirements are met)

Minimum total hours **120**

Student Advising and Records

The Academic Advising Center (located in Davis Hall, DAV 134) provides the following services for College of Business students:

1. Processing of student admission applications for the College of Business.
2. Academic advising and program information.
3. Orientation for undergraduate pre-business students.
4. Evaluation of undergraduate transcripts of transfer students.
5. Maintenance of academic advising records for all admitted students.
6. Certification of graduation.

Advising Office

St. Petersburg Campus: DAV 134, (727) 553-4511

Office Hours

St. Petersburg Campus: 8am-6pm Monday-Thursday. 8am-5pm on Fridays. Students are seen by appointment.

While the University provides advising services to assist students with academic planning, **the responsibility for ensuring that all graduation requirements are met ultimately rests solely with the student.**

Academic Dismissal

Students who have been dismissed twice from the University for academic reasons will not be readmitted to the College of Business.

DEPARTMENTS AND PROGRAMS

- GENERAL BUSINESS (GBA)**

The General Business major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hours program as listed in the General Requirement section, students must complete two minors from the following business disciplines: accounting, economics, finance, management, management information systems, or marketing. A minimum of 24 hours of upper-level course work must be earned with a GPA of at least 2.0 in each minor. The requirements for each minor are listed with the description of the major.* Minors applied to the General Business major will be referred to as concentrations. Concentrations used as part of the General Business Major will not also be subsequently listed as independent minors on the transcript.

***One exception:** A minor/concentration in economics must consist of four upper level economics courses, excluding QMB 3200.

Requirements for a Minor in Business Administration (Non-Business Majors Only): Students are required to process an application for the minor in the College of Business. Students must complete an introductory computer course (with a content similar to CGS 2100 Computers in Business) or obtain a waiver for this requirement from the College of Business Administration by demonstrating competence in the use of computers.

1. The course requirements are as follows:

ACG 3074	Managerial Accounting for Non-Business Majors*	3
ECO 1000	Basic Economics**	3
FIN 3403	Principles of Finance	3
MAN 3025	Principles of Management	3
MAN 4XXX	Managerial Applications (see advisor)	3
MKT 3023	Basic Marketing	3
Total		18

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.

3. At least 12 hours of the required 18 credit hours must be taken in residence at USF.

*ACG 2021 & ACG 2071 can be substituted for ACG 3074.

**ECO 2013 & ECO 2023 can be substituted for ECO 1000.

- ACCOUNTING (ACC)**

The objective of the baccalaureate degree program in accountancy is to provide students with accounting and business knowledge that will serve as a basis for careers in industry, government, non-profit organizations and public ac-

countancy.

The baccalaureate program also prepares students for entry into the Master of Accountancy (M.Acc.) professional degree program.

The State of Florida, like most states, requires a fifth year (total of 150 credit hours) of education in order to sit for the CPA examination. Questions concerning the CPA examination should be directed to members of the Accounting faculty.

Requirements for the B.A./B.S. Degree: In addition to the non-business and business foundation courses listed in the General Requirements section, students must complete a minimum of 27 hours of upper-level accounting courses, of which 18 credit hours must be taken in residence at USF.

Required Accounting Courses:

ACG 3103	Intermediate Financial Accounting I	3
ACG 3113	Intermediate Financial Accounting II	3
ACG 3341	Cost Accounting and Control I	3
ACG 3401	Accounting Information Systems	3
ACG 4632	Auditing I	3
TAX 4001	Concepts of Federal Income Taxation	3

Electives (9 hours selected from):

ACG 4123	Intermediate Financial Accounting III	3
ACG 4351	Cost Accounting and Control II	3
ACG 4642	Auditing II	3
ACG 4931	Selected Topics	3
ACG 5201	Advanced Financial Accounting	3
ACG 5501	Governmental/Not-for-Profit Accounting	3
ACG 5675	Internal and Operational Auditing	3
TAX 5015	Federal Taxation of Business Entities	3
Total		27

The student's program must also include course work taken in behavioral sciences and humanities, such as psychology, anthropology, and sociology, and the political environment of business and society, such as political science, public administration, and ethics. College of Business advisors will recommend courses that will satisfy the program requirements.

Accounting majors can use the forgiveness policy only once in upper-level accounting courses. Accounting courses taken by accounting majors on an S/U basis will not be counted toward the 120-hour graduation requirement. Independent Research, ACG 4911, will not be accepted as credit toward the minimum degree requirements in the accounting concentration.

Accounting majors must earn a "C" (not C-) grade in each of the sequential upper-level accounting courses before being allowed to go on to the next course: i.e., ACG 3103, ACG 3113, ACG 3341, ACG 4632, and TAX 4001.

Requirements for a Minor in Accounting (for Business Majors Only): Students majoring in Business Administration may minor in Accounting. The requirements are:

1. ACG 3103 Intermediate Financial Accounting I 3
ACG 3341 Cost Accounting and Control I 3
ACG 3401 Accounting Information Systems 3
TAX 4001 Concepts of Federal Income Taxation 3
2. A grade of "C" (not C-) or better must be earned in each of the four upper-level accounting courses taken. All attempts will be included unless grade forgiveness has been used. Only one grade forgiveness may be used in the minor.
3. All 12 credit hours must be taken in residence at USF.

- ECONOMICS (ECN)**

Economics offers a clear and logical approach to business decision-making. The department offers broad course choices allowing students to tailor their programs to provide training for careers in business as well as teaching, government, and law..

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program as listed in the General Requirements section, students must complete a minimum of 21 hours of

upper-level economics beyond the foundation courses for business.

Required Economics Courses:

ECO 3101 Intermediate Price Theory or	
ECO 3100 Managerial Economics	3
ECO 3203 Intermediate Macroeconomics	3
15 hours of upper-level economics courses	15
Total	21

Students must obtain a grade of "C" or higher in ECO 3101 Intermediate Price Theory or ECO 3100 Managerial Economics to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite. Students cannot take both ECO 3101 and ECO 3100 for credit. No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914. At least 12 hours must be taken in residence at USF.

Requirements for a Minor in Economics: All students, regardless of college can earn a minor in Economics by satisfactorily completing 18 hours in Economics. The requirements are:

1. ECO 2013 Economic Principles: Macroeconomics 3
ECO 2023 Economic Principles: Microeconomics 3
Upper-level economics electives (may include QMB 3200) 12
Total Economics Hours 18
Business majors can obtain a minor with 9 additional upper-level hours in economics beyond the foundation requirements for business.
2. Before being recognized as a minor in economics, a student must obtain program approval by the Advisors: Bob Thompson and Jennifer Palmer.
3. A grade point average of 2.0 or higher must be achieved in minor course work at USF and in all minor courses completed at other institutions. ECO 4905 and ECO 4914 may not be counted toward the minor.
4. At least 9 hours must be taken in residence at USF.

• **FINANCE (FIN)**

The Finance major provides a broad-based, analytical program for students anticipating a career in the management of both large and small organizations. Finance provides a good background for students seeking general careers in business. Finance majors can elect to follow tracks that prepare them for entry and advanced careers in

- financial management of corporations
- management of financial institutions
- investments
- financial services, insurance, and real estate.

In addition, the program in Finance is designed to provide the skills required by students earning degrees in other business disciplines and by students who seek professional degrees in areas such as law and public administration.

The Finance program offers applied and theoretical courses that enable the graduate to identify and solve problems in the acquisition and allocation of funds by organizations in the public and private sectors in domestic and international settings. It provides the background necessary for managing wealth in a risky environment. Finance relies on an interdisciplinary approach that draws on economic theory, accounting, information systems, and the quantitative decision frameworks of statistics and mathematics.

The major is designed to ensure that graduates are familiar with the tools of financial decision-making and that they possess the skills to stay abreast of the developments in the field. Finance graduates will understand the functions and operations of financial markets, become familiar with computer applications in finance, and know how to access and utilize financial information. Course content is designed to provide majors with an appreciation of cooperative work skills and to enhance their verbal and written communication skills.

Requirements for the B.A./B.S. Degree: Within the 120-

semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours of upper-level finance courses beyond FIN 3403. At least 12 hours must be taken in residence at USF.

Required Finance Courses:

FIN 4303 Financial Institutions and Markets	3
FIN 4414 Advanced Corporation Finance	3
FIN 4504 Principles of Investments	3
Additional upper-level Finance electives	9-15
Total	18-24

Finance electives can be selected from among those 3000 and 4000 level classes that have FIN, REE, and RMI prefixes. At least two electives must have an FIN prefix. Independent Study (FIN 4905) and Independent Research (FIN 4915) will not be accepted as credit toward the minimum degree requirements for a major in Finance. The courses listed below are suggested electives that are relevant for students who might want to pursue careers in the following areas:

Corporate Financial Management

FIN 3604 International Finance	
FIN 4412 Working Capital Management	
FIN 4443 Financial Policies and Strategies	
FIN 4461 Financial Statements Analysis	

Management of Financial Institutions

FIN 3233 Money and Banking	
FIN 3604 International Finance	
FIN 4324 Bank Management	
FIN 4412 Working Capital Management	
FIN 4443 Financial Policies and Strategies	
FIN 4461 Financial Statement Analysis	

Investments

FIN 3604 International Finance	
FIN 4461 Financial Statement Analysis	
FIN 4514 Advanced Investment Analysis & Management	
REE 4303 Real Estate Investment Analysis	

Financial Services

FIN 3604 International Finance	
FIN 4514 Advanced Investment Analysis & Management	
REE 3043 Real Estate Decision-Making	
REE 4303 Real Estate Investment Analysis	
RMI 3011 Principles of Insurance	

Requirements for a Minor in Finance (for Business Majors only): Students majoring in Business Administration can minor in Finance. The requirements are

1. FIN 4504 Principles of Investments 3
FIN 4303 Financial Institutions and Markets 3
FIN 4414 Advanced Corporation Finance 3
Another upper-level Finance Elective with an FIN, REE, or RMI prefix 3
Total Finance Hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 of the required 12 credit hours must be taken in residence at USF.

• **INFORMATION SYSTEMS AND DECISION SCIENCES (ISM)**

Information Systems (IS)

Success in today's fast paced business environment requires a solid understanding of information systems and the ability to use information technology to solve business problems. The Information Systems major provides students with an in-depth understanding of the many business applications of information and communication technologies, preparing them for careers in programming, business analysis, systems development, database or network administration, systems support, and website development.

Unlike many information technology programs, which are

designed to develop only technical skills, the IS major focuses on the intersection of business and technology, developing graduates who are well-versed in the language of business, have strong communication skills, and know how to select, develop, implement, and manage new and emerging information technologies. Additionally, the IS major provides students seeking more general business careers with a set of highly marketable skills they can apply in any facet of business.

Core courses in the IS degree program are designed to develop students' information technology skills as well as their understanding of how technology is used to support managerial decision making and transform business operations. A variety of electives enable students to choose an area of specialization, learn about global information systems, or further develop their technical skills.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a set of 6 required IS courses and 2 approved IS electives. IS majors must earn a "C" or higher (not C-) in the six required IS courses and must have a 2.0 or higher GPA in the major; they can use grade forgiveness for only one upper-level IS course. At least 15 hours must be taken in residence at USF.

Required IS Courses:

ISM 3232 Business Application Development*	3
ISM 3113 Systems Analysis and Design*	3
ISM 4212 Database Administration	3
ISM 4220 Business Data Communications	3
ISM 4300 Managing Information Resources	3

One of the following:

ISM 4234 Object Oriented Design and Development (C++)	
ISM 4141 Web Application Development (Java)	3

Plus Approved IS Electives**	6
Total Hours Required for B.A./B.S. Degree	24

*ISM 3232 (Business Application Development) must be taken before, or concurrently with, ISM 3113 (Systems Analysis and Design), which is a prerequisite for all other required MIS courses.

**No more than three hours of ISM 4950 can be counted as MIS electives. (ISM 4905 will not count as an MIS elective.)

Requirements for a Minor in IS (for Business majors only): Students majoring in Business Administration may minor in IS. The requirements are

1. ISM 3232 Business Application Development	3
ISM 3113 Systems Analysis and Design (PR/CR ISM 3232)	3
ISM 4212 Database Administration	3
Approved IS Elective	3
Total IS hours	12

- A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
- At least 9 hours of the required 12 credit hours must be taken in residence at USF.

• MANAGEMENT (MAN)

The undergraduate degree in the Department of Management prepares students for entry level positions in human resource management, general and small business management. It also prepares students for entry into graduate programs, such as the Master of Science in Management and the Master of Business Administration.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete 18 hours of management beyond MAN 3025. At least 12 hours must be taken in residence at USF.

Required Management Courses:

MAN 3240 Organizational Behavior Analysis	3
Additional upper-level management courses	15-21
Total	18-24

MAN 4504 and MAN 4507 do not count toward the management major.

Requirements for a Minor in Management (for Business Majors Only): Students majoring in Business Administration may minor in Management.

The requirements are:

- MAN 3240 Organizational Analysis 3
MAN 3301 Human Resource Management 3
MAN 4282 Organizational Assessment 3
MAN 4600 International Management 3
Total Management hours 12
- A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
- At least 9 hours of the required 12 credit hours must be taken in residence at USF.

• MARKETING (MKT)

Marketing is a dynamic field with many dimensions, including product selection and planning, product distribution, pricing and promotion. Marketing poses many challenges and yields generous rewards for those who meet these challenges. Marketing operations are carried out domestically and internationally in virtually all business organizations that offer a product or service. Many marketing concepts are applicable to the operations of non-profit organizations such as governmental, educational, and health care institutions, as well as charitable and political campaigns.

Marketing operations provide the most visible links between the firm or institution and its many publics. Marketing deals with people who are constantly changing in their needs, wants, and desires; and coupled with these changing tastes is a fiercely competitive environment sustained by all the resources of a rapidly evolving technology. These forces lead to much of the challenge and to much of the dynamic nature of marketing.

The Marketing program at USF St. Petersburg prepares students for initial entry and management positions in many areas of marketing with a curriculum that is concerned with:

- Understanding how to attract and retain customers;
- Having the ability to find and analyze information;
- Being able to design, collect, and analyze marketing information to be used in managerial decision making;
- Using electronic and traditional media to create satisfied loyal customers;
- Having personal communication skills that businesses demand;
- Being capable of writing a winning marketing plan;
- Understanding and being able to apply the latest marketing concepts, including marketing automation.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours in marketing beyond MAR 3023. At least 12 hours must be taken in residence at USF.

Required Marketing Courses:

MAR 3823 Marketing Management	3
MAR 3613 Marketing Research	3
MAR 3400 Professional Selling	3
MAR 4333 Electronic/Promotion Management	3
MAR 4824 Marketing Management Problems	3
Additional upper-level marketing courses	3-9
Total	18-24

It is strongly recommended that marketing majors take an internship course as part of their plan of study. It is also recommended that courses in information technology, finance, management, and international business be included in the business electives.

Undergraduate students in the College of Business not majoring in Marketing can greatly enhance their attractiveness to employers by taking a minor in Marketing or taking selected courses from the Marketing curriculum to broaden their back-

grounds. Marketing is particularly complementary for College of Business students majoring in Information Systems, Finance, and Management. For non-business majors, Marketing is very complementary with degrees such as communications, liberal arts, and engineering.

Requirements for a Minor in Marketing (for Business Majors Only): The requirements are:

1. MAR 3823 Marketing Management 3
Any 3 upper level Marketing courses with a
MAR prefix (excluding MAR 4824) 9
Total Marketing Hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

• **INTERNATIONAL BUSINESS (IB)**

The Bachelor of Arts in International Business (IB) provides students with the knowledge, skills and experience necessary for successful careers in the global business environment.

Graduates will have not only the International Business major, but also a minor in one of the functional areas of business (finance, management, marketing, economics and information systems). With this preparation, graduates will find employment in many manufacturing, service or knowledge-based industries with international markets, international suppliers, international sources of finance or an internationally diverse work force.

The IB program is unique in that it combines preparation in business administration with language training, area studies, and a meaningful overseas work or study experience. The curriculum includes, in addition to the general education and liberal arts requirements, a strong grounding in business core courses, and 18-hour major in international business and area studies subjects, a minor in a functional area of business, training in a foreign language and overseas academic or business experience. A minimum of 120 hours is required to complete a B.A. in International Business.

International Business Major (18)

Business Courses (9)

Students should see a COB advisor for an approved list of upper level international business courses.

Area Studies Courses (9)

Students should see a COB advisor for an approved list of upper level area studies courses.

Business Minor/Concentration (12)

Students will choose a minor from the following disciplines:

Economics	Finance
Marketing	Management
Information Systems	

Within each concentration one course must be an international business course. The international business course is in addition to the three international business courses as required in the above International Business Major area.

Foreign Language Above First Year (9)

Language(s) selected should support the area and the Area Studies courses.

Overseas Business Internship (3) or Semester Abroad

The International Business Major is designed to be completed within 120 credit hours. Certain courses satisfy requirements in more than one area. To maximize academic options, students should seek guidance from a COBA advisor or the Office for International Affairs, BAY 204C, once a decision has been made to pursue this major.

Minor in International Business

Students Majoring in Business Administration

To qualify for the minor in International Business, students with a major in one of the degree programs in Business Administration must successfully complete a minimum of 12 hours of international business or related course work. At least 9 semester credit hours in the minor must be selected from a set of approved upper-level international business courses (see below). One of the courses in the minor, relevant to the student's international area of interest, can be an approved area studies course, or other course, taken outside the College. A minimum of 9 semester credit hours of the minor course work must be taken at USF. A grade point average of 2.0 or higher must be achieved in minor course work taken at USF, as well as in any transfer work applicable to the minor. Competency to effectively communicate in a foreign language is strongly advised.

Non-Business Administration Majors

To qualify for the International Business minor, non-business majors must complete the requirements for the minor in Business Administration (see previous Requirements for a Minor in Business Administration) and complete at USF a minimum of 9 semester credit hours selected from a set of approved upper-level international business courses (see below). A grade point average of 2.0 or better must be achieved in the minor course work taken at USF, as well as in any transfer work applicable to the minor program. Competency to communicate in a foreign language is strongly advised.

A statement attesting to the completion of the Minor in International Business will appear on the student's official transcript.

Courses Approved for International Business

The following courses are currently approved for the International Business major and minor:

ECO 3703	International Economics
ECO 4713	International Macroeconomics
ECO 4723	International Trade and Policy
ECO 4XXX	Economics of Latin America
ECS 3013	Economic Development
ECS 4003	Comparative Economic Systems
FIN 3604	International Finance
ISM 4382	Global Information Systems
MAN 4600	International Management
MAR 4156	International Marketing

Other courses will be added as they are developed and approved. In addition, the College frequently offers *Selected Topics* courses that qualify for International Business. Students should consult with an advisor for additional approved courses.

Student Organizations within the College of Business

All students are encouraged to participate in extracurricular activities. The following organizations provide a means for students to develop both professionally and socially while attending the College of Business.

Management Information Systems Society - The MIS Society is a career oriented organization focusing on all areas of business data management and information systems development.

Student Accounting and Business Organization - Promotes professionalism in accounting and other business disciplines.

BUSINESS FACULTY

Accounting/Law

Professors: J. A. Fellows, G. H. Lander; *Associate Professor:* R. Brody; *Instructors:* S. P. Danese, J. F. Jewell; *Lecturer:* R. J.

Teichman. *Visiting Instructor:* S. Johnson, J. Stachan; *Director of SRCR:* D. Walker

Economics

Associate Professors: T. Carter, J. G. Spence, R. M. Wilson;
Assistant Professor: R. Smith, *Instructors:* A. Criss, R.L. Moss.

Finance

Associate Professors: T. Shank; *Associate Professor:* G. Patterson; *Assistant Professor:* W. Guan; *Instructor:* M. Bers;
Visiting Instructors: C. Long, D. Manullang

Information Systems & Decision Sciences

Associate Professor: E. M. Hufnagel; *Assistant Professors:* C. Davis, G. Kearns, A. Watkins; *Instructors:* J. Gum, N. Jones, D. C. White.

Management

Associate Professor: J. Gaines; *Assistant Professors:* C. Bean, S. Geiger, D. Marlin, M. Street; *Instructor:* B. Teague; *Visiting Instructors:* K. Bebout, J.A. Terry.

Marketing

Bank of America Professor of Corporate Social Responsibility: R. Hill; *Assistant Professor:* K. Braunsberger, T. Ainscough, M. Luckett, P. Trocchia; *Visiting Instructor:* R. Langan.

COLLEGE OF EDUCATION

The USF College of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE). All Teacher education programs must meet the requirements of Chapter 6A-5, Rules of the State Board of Education of Florida, and have "Approved Program" status.

The USF St. Petersburg College of Education is dedicated to preparing highly qualified educators from diverse backgrounds to lead the continuing reinvention of schools, meeting the needs of learners in a changing society and creating and extending knowledge related to education by engaging in scholarly research with regional, state, national and international implications.

The College of Education is committed to a continuous and systematic examination of the professional program of teacher education. Each subdivision of the college maintains professional standards by participating in nationally-certified program reviews and also through ongoing departmental appraisals of learning outcomes.

The USF St. Petersburg College of Education follows a University-wide approach to teacher education. Its programs for the preparation of teachers represent a cooperative effort in planning and practice by faculties in appropriate academic areas. Liberal Arts courses and courses in the content areas are offered through the College of Arts and Sciences. Courses primarily designed for teacher candidates are taught by the College of Education faculty.

For information concerning required courses in each major, students should consult the following "Programs" section accessible from the USF St. Petersburg site. Other important information is available from the College of Education website at <http://www.spt.usf.edu/coe.index.htm>.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Preliminary Requirements for Students Entering Teacher Education Programs

Students who wish to teach in a particular subject area or field should begin preliminary coursework during their first year in college. However, students are not admitted to the College of Education (and into a teacher education program) until they finish the university's liberal arts freshman and sophomore requirements and the state-mandated common prerequisites for education.

Students may apply for entrance into one of the upper-level teacher education programs offered by the College of Education after completing prerequisite courses. All students who plan to teach should apply for admission to a teacher education program through the Academic Advising Center.

Admission to an upper-level teacher education program is contingent upon meeting the following preliminary college requirements:

1. Completion of a College of Education application form.
2. Completion of the University's General Education requirements (36 cr. hrs.). (See "Liberal Arts Requirements" section of the catalog.) **Note:** Students should contact an academic advisor to make certain they are enrolled in courses appropriate to their intended major.
3. Completion of all portions of the FTCE General Knowledge Test (GK) with passing scores.
4. Although no longer required for admission to the College of Education, students are still encouraged to take the ACT or SAT. Many existing scholarships still require these scores.
5. Completion of State Mandated Common Prerequisites **Note:** The following prerequisites are required for all education majors who enter as freshmen in Fall 2003, but students should consult their intended majors (listed under "Programs," below) for a list of other specific course prerequisites and requirements beyond these listed below:

- EDF 2005 Introduction to Education 3
- EDG 2701 Teaching Diverse Populations 3
- EME 2040 Introduction to Educational Technology 3
- Six (6) semester hours in humanities (to include philosophy and fine arts) in fine arts
- Nine (9) semester hours in English to include writing, literature, and speech
- Nine (9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory
- Nine (9) semester hours in mathematics to include college algebra or above and geometry or finite math
- Twelve (12) semester hours in social sciences to include American history and general psychology
- Six (6) semester hours of courses with an international and/or diversity focus (in addition to EDG 2701). If these courses are taken elsewhere, the institution transferring credit to USF must certify that the course content satisfies the international/diversity focus requirement. Refer to the list below for courses that satisfy both the General Education and the international and/or diversity course requirements.

International/Diversity Courses Credits

AFA	2000	Introduction to the Black Experience in Africa and Its Diaspora	3
AFS	2250	Culture and Society in Africa	3
AMH	2010	American History I	3
AMH	2020	American History II	
AMS	2030	Introduction to American Studies	3
ANT	2000	Introduction to Anthropology	3
ANT	2410	Cultural Anthropology	3
ARH	2050	History of Visual Arts I	3
ARH	2051	History of Visual Arts II	3
BSC	2025	Food: Personal and Global Perspectives	3
COM	2000	Introduction to Communication	3
EGN	2031	History of Technology	3
EUH	2011	Ancient History I	3
EUH	2021	Medieval History I	3
EUH	2022	Medieval History II	3
EUH	2030	Modern European History I	3
EUH	2031	Modern European History II	3

- | | | |
|----------|--|---|
| FIL 2001 | Film: Language of Vision | 4 |
| GEO 1930 | Geography of Current Events | 4 |
| GEO 2371 | Introduction to Earth Systems Science | 3 |
| INR 1015 | World Perspective | 3 |
| LAH 2734 | Latin American History in Film | 3 |
| LIT 2010 | Introduction to Fiction | 3 |
| LIT 2040 | Introduction to Drama | 3 |
| MUL 2011 | The Enjoyment of Music | 3 |
| MUH 2051 | Folk and Traditional Music of World Cultures | 3 |
| MUH 2632 | Music in the United States | 3 |
| MUL 2111 | Introduction to Music Literature | 3 |
| POS 2080 | The American Political Tradition | 3 |
| REL 2300 | Introduction to World Religions | 4 |
| REL 2306 | Contemporary World Religions | 4 |
| REL 3501 | History of Christianity | 4 |
| SPT 2524 | Women Writers of Latin America | 3 |
| SYG 2000 | Introduction to Sociology | 3 |
6. Minimum GPA: An overall minimum GPA of 2.50 on all attempted hours.
7. Additional criteria as may be established by each program. Credit requirements in each major include courses in the following categories: Professional Education Core (25-30 cr. hrs.), Teaching Specialization Preparation (27-49 cr. hrs.), and Liberal Arts Exit Requirements (6 credit hours). For questions concerning General Education and Liberal Arts Exit Requirements, refer to the Liberal Arts Requirements section of the catalog. See specific requirements for each major listed in "Programs" below.

Education Advising

The Academic Advising Center is responsible for many of the processes and procedures that support the academic pursuits of students in the College. The department's major areas of responsibility include: Undergraduate Advising, Teacher Certification. The Center is committed to serving the University community.

Students are ultimately responsible for knowing and fulfilling all university, college, and degree program requirements for graduation. Students are encouraged to make an appointment with an academic advisor each semester. For additional contact information, please call our office at (727) 553-4511. The office is located in Davis Hall Room 134 and our hours are 8 a.m. – 6 p.m. Monday through Thursday and 8 a.m. – 5 p.m. on Friday.

Application Information:

(Only admitted USF St. Petersburg students are eligible.)
The admission process to the College of Education (C.O.E.) is separate and in addition to admission to USFSP. After receiving acceptance to USF St. Petersburg, students should attend a new student advising session where they can complete the College of Education application, receive information about degree programs and register for courses for their first semester. Call (727) 553-4511 to schedule an advising session.

Time Limitations

The College of Education may accept professional education and specialization coursework completed at this University or at other accredited institutions as follows:

1. Courses completed within the last five years may be accepted.
2. Courses completed over five years but less than ten years ago must have the approval of the faculty of the program in which the equivalent course is taught.
3. Courses completed ten years ago or longer will count as elective credit only.

Qualifications for Internship Experience

The final internship experience involves observing and teaching in an early childhood, elementary, secondary, or exceptional classroom. In most programs internship sites include the entire spectrum of sites available in the various

counties served by USF. In the Elementary and English Education programs, other than Senior Seminar and EEX 4070, students may not enroll in additional courses during the semester in which the final internship occurs unless an exemption is granted through a College of Education petition.

Special requirements for enrollment in the final internship and seminar courses are:

1. Admission to the College of Education.
2. Completion of General Education, "Gordon Rule," and all other program prerequisites (includes passing all sections of the General Knowledge Test).
3. Completion of an application for the final internship by the deadlines noted. Applications for final internship are made through the College of Education website (www.stpt.usf.edu/coe/). Applications for Fall Semester are due the preceding January 15. Applications for Spring Semester are due the preceding June 15.
4. The Elementary program requires completion of all professional education and specialization course work except for EEX 4070. The Special Education program requires completion of all professional education and specialization coursework. The English Education requires completion of the professional course sequence except for EEX 4070/EDF 4430 and a minimum of two thirds of the specialization coursework.
5. The Elementary program requires a combined grade point average of 2.5 in professional education and specialization coursework as well as an overall USF GPA of 2.5. The Special Education program requires an overall USF GPA of 2.5. The English Education program requires a minimum GPA of 2.5 in professional education and specialization coursework or an overall USF GPA of 2.5.
6. Students must earn a "C-" grade or higher in their required major courses. S/U grades will not apply toward qualifying for internship.

College Requirements for Graduation

To be certified by the College of Education for graduation, a student must have earned a minimum of 120 semester hours credit and successful completion of all program requirements for ESOL endorsement. A minimum overall USF grade-point average of 2.5 or a minimum GPA of 2.5 in teaching specialization courses and a minimum GPA of 2.5 in the Professional Education sequence is required. The Elementary program requires a combined grade point average of 2.5 in professional education and specialization as well as an overall USF GPA of 2.5. Satisfactory completion of the internship is also required. In order to graduate the student must pass both the Subject Area (SAE) for the appropriate area and the Professional Education (PED) sections of the Florida State Teacher Certification Examination (FTCE) and pass the General Knowledge Test, prior to the completion of internship. A student must also have completed the major requirements in a state-approved teacher education program (which includes general preparation, teaching specialization, and professional preparation). A minimum of 8 credits in professional courses in addition to internship and 12 credits in specialization courses must have been earned at USF. The student must complete a minimum of 30 hours after admittance to an upper-level program and must meet all University requirements.

Normally, the college will recommend the granting of a Bachelor of Science (BS) degree that includes a minimum of 6 credit hours of exit courses. To obtain a Bachelor of Arts (BA) degree, the student must meet the Foreign Language Competency (see graduation requirements in front of catalog) and complete 9 hours of exit courses, 3 of which must be in Literature and Writing and 3 of which must be offered outside the College of Education.

SunCoast Area Teacher Training Program (SCATT)

SCATT is an award-winning teacher training program de-

signed to enhance the already outstanding teacher preparation programs currently offered within the College of Education. The Suncoast Area Teacher Training Program celebrates excellence in teaching while emphasizing professionalism in a diverse society. SCATT offers students a variety of activities, workshops, seminars and field trips to enrich their knowledge base as educators. The SCATT program offerings are based on the research on effective teaching strategies and encourage reflective practice.

The entrance requirements for the program help identify those students who have demonstrated high levels of academic achievement, leadership potential and those who have a commitment to aspire to the highest standards of the teaching profession. To graduate as a SCATT student, individuals participate in activities each semester prior to final internship that extend "above and beyond" the requirements of their academic curricula. In addition, they are offered the opportunity to network with majors from programs other than their own. During final internship SCATT students participate in intensive leadership and communication skills training.

SCATT also helps prospective employers within the University's service area fill teaching positions with highly qualified graduates.

USF St. Petersburg students who are interested in SCATT should contact Dr. Margaret Hewitt, SCATT Advisor (727) 553-4531, or visit our website at www.stpt.usf.edu/coe/.

BACCALAUREATE-LEVEL DEGREE PROGRAMS

The College of Education offers majors affiliated with six programs. Each of the majors leads to the Bachelor of Science degree* in the following fields:

Major	Program	Code
Elementary Education	Childhood Education	(BEE)
English Education	Secondary Education	(BEN)
Varying Exceptionalities	Special Education	(BEX)

*A Bachelor of Arts degree may be awarded when competency in a foreign language is demonstrated and a student has met the nine hour Liberal Arts Exit requirements.

PROGRAMS

The College of Education is organized into three degree majors representing six programs: Childhood Education, Special Education, Secondary Education, Measurement & Evaluation, Social & Psychological Foundations, and Educational Leadership. Each major, with its affiliated program, is listed alphabetically in the following section.

Elementary Education

Elementary Education has the responsibility for the development and supervision of programs leading to the Bachelor of Science Degree in Elementary Education.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Elementary majors will be assigned to a specified sequence of courses to be followed throughout the program enrollment. Coursework will include internship and field experience. Students who withdraw from or who have unsatisfactory grades in the field experiences or internships must petition the college Professional Standards Committee before they will be allowed to repeat the internships.

Students must have an overall USF GPA of 2.5 and a GPA of 2.5 in the combined Professional Core and Teaching Specialization prior to final internship and graduation.

Part-time students in Elementary Education (those planning to take 9 hours or less per semester) must meet program and internship requirements associated with the programs.

These requirements include being available to participate in the internships during regular school hours.

Students may complete the state-approved program to be eligible for certification in Elementary Education (Grades Kindergarten – 6). Degree and certification requirements are subject to change. The current program of studies includes both coursework and extensive field experience in elementary school settings to enable students to integrate theory with teaching practice.

Elementary Education with ESOL Endorsement

The College of Education offers a full ESOL Endorsement for all Elementary Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series of weeks; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

• ELEMENTARY EDUCATION

Requirements for the B.S. Degree (BEE): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USFSP students. A grade of "C-" is the minimum acceptable grade.

- EDF 2005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Students are advised that the Elementary Education specialization will require an enrollment of more than the traditional four semesters of the junior and senior years in order to complete the program specialization courses and the required sequence of internship.

The order in which these courses are to be taken is designated in the program of study.

Professional Education (32-33 credit hours):

- | | | |
|----------|--|---|
| EDF 3122 | Learning and the Developing Child | 3 |
| EDF 3604 | Social Foundations of Education (Exit) | 3 |
| EDF 4430 | Measurement for Teachers | 3 |
| EEX 4070 | Integrating Exceptional Students | |

	in the Regular Classroom	2-3
FLE 4362	Curriculum and Pedagogy of ESOL	3
FLE 4363	Literacy Development in English Language Learners	3
FLE 4364	Applying Linguistics to ESOL Teaching and Testing	3
EDE 4940	Internship	12

Specialization (41 credit hours):

EDE 4301	Classroom Management, School Safety, Ethics, Law, and Elementary Methods	3
EDE 4941	Childhood Education Internship Level I	3
HLP 4722	Health and Physical Education for the Child	2
EDE 4942	Childhood Education Internship Level II	6
LAE 4314	Teaching Writing	3
LAE 4414	Teaching Literature in the Elementary Schools	3
MAE 4310	Teaching Elementary School Mathematics I	3
MAE 4326	Teaching Elementary School Mathematics II	3
RED 4310	Reading and Learning to Read	3
RED 4511	Linking Literacy Assessment to Instruction	3
SCE 4310	Teaching Elementary School Science	3
SSE 4313	Teaching Elementary School Social Studies	3
EDG 4909	Directed Studies	3

Secondary Education

The following program is housed in Secondary Education: English Education. The undergraduate program offered by the department is designed to prepare students to meet Florida teacher certification requirements and to become highly competent secondary teachers. Specialized courses in the teaching of mathematics, science, and social science are also offered for students majoring in elementary and special education.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

• ENGLISH EDUCATION with ESOL Endorsement

Requirements for the B.S. Degree (BEN): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

The College of Education offers a full ESOL Endorsement for all English Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series of weeks; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations

EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
Suggested courses: MGF 1105, 1106, or 1107; STA 2022
- Twelve (12) hours of Social Science (to include American History and General Psychology)
Suggested courses: AMH; AML 3453; ENL 3323, 3823; PSY 2012
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
Suggested courses: LIT 2000; SPC 2000
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
Suggested courses: FIL 2001; PHH 2000

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Recommended Courses:

Literature Course (3 hours) - select from LIT, AML, ENL (LIT 2000 or ENL 3323 recommended)
English Electives (9 hours) - to include advanced composition and mediacy
(CRW 2100 or CRW X111 and MMC 2100 or ENC X310 and LIT 2046 or LIT X301 recommended)

Professional Education (23 credit hours):

EDF 3604	Social Foundations of Education (Exit)	3
EDF 3214	Human Development and Learning	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2
FLE 4316	Language Principles and Acquisition	3
FLE 4317	Teaching LEP Students K-12	3
	Literacy Course	3
	Classroom Management Course	3

Specialization (21 credit hours):

ENC 3310	Expository Writing	3
One of the following:		
LIT 3103	Great Literature of the World (Exit)	3
WST 4410	Third World Women Writers (Exit)	3
LAE 4469	World Literature for Middle and Secondary School Students	3
One of the following:		
AML 3031	American Literature to 1860	3
AML 3032	American Literature 1860-1912	3
AML 3051	American Literature 1912-1945	3
One of the following:		
ENL 3015	British Literature to 1616	3
ENL 3230	British Literature 1616-1780	3
ENL 3251	British Literature 1780-1900	3
ENL 3273	British Literature 1900-1945	3
One of the following:		
LIT 3383	The Image of Women in Literature	3
LIT 4386	British and American Literature by Women (Exit)	3
One of the following:		
LIN 3010	Introduction to Linguistics	3
ENG 4060	History of the English Language	3
One of the following:		

LIN 3670 English Grammar and Usage	3
LIN 4680 Structure of American English	3

Additional Specialization (24 credit hours):

LAE 4464 Adolescent Literature for Middle and Secondary Students (Exit)	3
LAE 4323 Methods of Teaching English: Middle School	3
LAE 4530 Methods of Teaching English: Practicum (Must be taken with LAE 4335)	3
LAE 4335 Methods of Teaching English: High School (Must be taken with LAE 4530)	3
LAE 4936 Senior Seminar in English Education	2
LAE 4940 Internship: English Education	10

LAE 4530 and LAE 4335 must be taken in the Fall or Spring immediately preceding internship. LAE 4323 must be taken prior to LAE 4530. LAE 4464 must be taken concurrently with LAE 4323.

Educational Measurement and Research

Educational Measurement and Research offers EDF 4430, Measurement for Teachers, which provides students with the measurement and evaluation skills and dispositions they need to be effective classroom teachers. Students use curriculum-based, learner-based, context-based, and professionally-based standards to develop and use objective, produce, and live performance tests; attitude observation and self-report assessments; they analyze and evaluate learner progress, their tests, and their instruction; and they communicate learner progress using portfolios, grades, and standardized test profiles. The course is delivered using web-based distance and web-enhanced laboratory format.

Psychological and Social Foundations of Education

Psychological and Social Foundations of Education does not offer a specific major or degree program, but provides courses for all students majoring in the wide array of undergraduate programs available in the College of Education. These courses contribute to the students' understanding of the general education enterprises and are considered foundational to later professional specialization. Consequently, these courses should be taken early in the professional program, typically in the junior year.

EDF 3122 Learning and the Developing Child	3
EDF 3604 Social Foundations of Education	3

Special Education

Special Education prepares teachers to work with children who have emotional and behavioral disabilities, mental retardation, and specific learning disabilities. The undergraduate program is a state-approved program that leads to certification in Exceptional Student Education (ESE).

Students are required to meet University and College of Education entrance requirements prior to enrollment in the Department. Upon admission, students affiliate with the campus on which they wish to take their program of studies. Field experiences begin during the first semester of a student's enrollment with increasing involvement throughout the program. Students are responsible for providing transportation to their experience sites.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

• SPECIAL EDUCATION with ESOL Endorsement

The College of Education offers a full ESOL Endorsement for all Special Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series of weeks; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- **Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)***
- **Twelve (12) hours of Social Science (to include American History and General Psychology)**
- **Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)**
- **One (1) Natural Science Course must have a lab component**
- **Six (6) hours of International or Multicultural Focus**
- **Nine (9) hours of English (to include Writing, Literature and Speech)**
- **Six (6) hours Humanities (to include Philosophy and Fine Arts)**

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Professional Education Core (31-32 credit hours):

The required courses in the professional education core are as follows:

EEX 4941	Practicum in ESE	6
EDF 3122	Learning and the Developing Child	3
or		
EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
FLE 4316	Language Principles and Acquisition	2
FLE 4317	Teaching LEP Students K-12	3
EEX 4940	Internship: Exceptional Student Education	1-10
EEX 4936	Senior Seminar in Exceptional Student Education	1

Area of Specialization Exceptional Student Education (BPX)

Students seeking the B. S. degree with certification in Exceptional Student Education are required to take the following courses:

EEX 4011	Foundations of Special Education	3
EEX 4054	Perspectives on Learning and Behavioral Disorders	3
EEX 4221	Educational Assessment of Exceptional Students	3
EEX 4243	Education of the Exceptional Adolescent	

	and Adult	3
EEX 4604	Behavior Management for Special Needs and at Risk Students	3
EEX 4742	Narrative Perspectives on Exceptionality: Cultural and Ethical Issues (Exit)	3
EEX 4846	Clinical Teaching in Special Education	3
EMR 4011	Mental Retardation and Developmental Disabilities	3
LAE 4314	Teaching Writing	3
MAE 4310	Teaching Elementary School Mathematics I	3
RED 4310	Early Literacy Learning	3
RED 4511	Literacy in the Intermediate and Middle Grades	3

Student Organizations and Activities

Student Education Association (SEA)

Purpose: to meet the educational needs and desires of students and to provide enrichment programs; to access resources outside the campus community.

Student Council for Exceptional Children

Purpose: to present students with opportunities to improve special education and professional standards; to provide a focal point for the professional preparation of future leaders in the education of exceptional individuals.

Kappa Delta Pi

Kappa Delta Pi is an international co-educational honor society in Education. The society was founded to recognize and encourage excellence in scholarship, high personal standards, improvement in teacher preparation, and distinction in achievement.

EDUCATION FACULTY

Elementary Education

Professor: V. Fueyo; *Associate Professors:* B. Frye, G. Gayle-Evans, M. Hewitt, S. Micklo; *Assistant Professors:* X. Hadjioannou, C. Leung; *Instructors:* J. Fountain, G. Lightsey.

Educational Measurement and Research

Associate Professor: S. Lang; *Assistant Professor:* J. T. Kellow; *Lecturer:* J. Wilkerson

Psychological and Social Foundations

Assistant Professors: L. Johnson, B. Jones, D. Michaels.

Secondary Education

Associate Professor: J.L. Nutta; *Assistant Professors:* C.T. Lui; *Instructor:* J. Khattabi; *Lecturer:* A. Reeves; *Visiting Assistant Professors:* E. Kleiser, S. Waring

Special Education

Professors: W. H. Heller, M. Koorland, T. Rose; *Associate Professor:* K. Stoddard; *Assistant Professor:* L. Dukes; *Lecturer:* B. Braun

GENERAL COURSE INFORMATION

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Courses offered for credit by the University of South Florida are listed on the following pages in alphabetical order by college and subject area.

The first line of each description includes the State Common Course prefix and number (see below), title of the course, and number of credits.

Credits separated by commas indicate unified courses offered in different semesters:

AMH 2010, 2020 AMERICAN HISTORY I, II (4,4)

Credits separated by a hyphen indicate variable credit:

HUM 4905 DIRECTED RESEARCH (1-5)

The abbreviation "var." also indicates variable credit:

MAT 7912 DIRECTED RESEARCH (var.)

The following abbreviations are utilized in various course descriptions:

PR	Prerequisite
CI	With the consent of the instructor
CC	With the consent of the chairperson of the department or program
CR	Corequisite
Lec.	Lecture
Lab.	Laboratory
Dem.	Demonstration
Pro.	Problem
Dis.	Discussion

SPECIAL INFORMATION COURSE CODES

6A	Courses to satisfy Rule 6A-10.30 (Gordon Rule)
EC	Course fulfills part of the Liberal Arts General Education Requirement for English Composition
FA	Course fulfills part of the Liberal Arts General Education Requirement for Fine Arts
HP	Course fulfills part of the Liberal Arts General Education Requirement for Historical Perspectives
NS	Course fulfills part of the Liberal Arts General Education Requirement for Natural Sciences
AF	Course fulfills part of the Liberal Arts General Education Requirement for African, Latin American, Middle Eastern, or Asian Perspectives
QM	Course fulfills part of the Liberal Arts General Education Requirement for Qualitative Methods
SS	Course fulfills part of the Liberal Arts General Education Requirement for Social Sciences
LW	Course fulfills part of the Liberal Arts Exit Requirement for Literature and Writing
MW	Course fulfills part of the Liberal Arts Exit Requirement for Major Works and Major Issues

Five Year Course Deletion Rule

In compliance with State of Florida Department of Education ruled 6A-10.0331, USF undergraduate courses not taught for five years, or fewer if desired, are deleted from the Undergraduate Catalog.

The University reserves the right to substitute, not offer, or add courses that are listed in this catalog.

Alphabetical Listing of Departments and Programs

Course descriptions are listed by college under the following department and program headings:

Department/Program	College
Accounting	Business Administration
Administration/Supervision	Education
Adult Education	Education
Africana Studies	Arts and Sciences
Air Force ROTC	Undergraduate Studies
American Studies	Arts and Sciences
Ancient Studies (Religious Studies)	Arts and Sciences
Anthropology	Arts and Sciences
Arabic (Language)	Arts and Sciences
Army ROTC	Undergraduate Studies

Art	Visual and Performing Arts
Art Education	Visual and Performing Arts
Astronomy	Arts and Sciences
Basic and Interdisciplinary Engineering	Engineering
Biology	Arts and Sciences
Business and Office Education	Education
Chemistry	Arts and Sciences
Chemical Engineering	Engineering
Chinese (Language)	Arts and Sciences
Civil and Environmental Engineering	Engineering
Classics	Arts and Sciences
Common Body of Knowledge	Business Administration
Communication	Arts and Sciences
Communication Sciences and Disorders	Arts and Sciences
Community Experiential Learning	Arts and Sciences
Computers in Education	Education
Computer Science and Engineering	Engineering
Computer Service Courses	Engineering
Cooperative Education	Undergraduate Studies
Criminology	Arts and Sciences
Dance	Visual and Performing Arts
Early Childhood Education	Education
Economics	Business Administration
Electrical Engineering	Engineering
Elementary Education	Education
English	Arts and Sciences
English Education	Education
Environmental Science & Policy	Arts and Sciences
Finance	Business Administration
Fine Arts Interdisciplinary	Visual and Performing Arts
Foreign Language Education	Education
French (Language)	Arts and Sciences
General Business Administration	Business Administration
General Foreign Languages	Arts and Sciences
Geography	Arts and Sciences
Geology	Arts and Sciences
Gerontology	Arts and Sciences
German (Language)	Arts and Sciences
Government & International Affairs	Arts and Sciences
Greek (Classics)	Arts and Sciences
Hebrew (Language)	Arts and Sciences
Higher Education	Education
History	Arts and Sciences
Honors	Honors College
Hospitality and Restaurant Management	Undergraduate Studies
Humanities	Arts and Sciences
Human Services	Arts and Sciences
Industrial and Management Systems	Engineering
Information Systems & Decision Sciences	Business Administration
Information Technology	Undergraduate Studies
Interdisciplinary Studies	Arts and Sciences
International Studies	Arts and Sciences
Italian (Language)	Arts and Sciences
Japanese (Language)	Arts and Sciences
Languages	Arts and Sciences
Latin (Classics)	Arts and Sciences
Liberal Studies	Arts and Sciences
Library & Information Science	Arts and Sciences
Linguistics	Arts and Sciences
Management	Business Administration
Marine Science	Marine Science
Marketing	Business Administration
Mass Communications	Arts and Sciences
Mathematics	Arts and Sciences
Mathematics Education	Education

Measurement and Research	Education	Public Administration	PAD
Mechanical Engineering	Engineering	History	AFH, AMH, ASH, EUH,
Medical Technology	Arts and Sciences		HIS, LAH, WST
Military Science (Army ROTC)	Undergraduate Studies	Humanities	HUM
Music	Visual and Performing Arts	Interdisciplinary Sciences	ISC
Music Education	Visual and Performing Arts	Interdisciplinary Social Sciences	ISS, STA
Naval Science (Navy ROTC)	Undergraduate Studies	Language - General	
Nursing	Nursing	Foreign Languages	ENS, FLE, FOL, FOW,
Philosophy	Arts and Sciences		LIN, TSL
Physical Education - Elective	Education	Arabic	ARA
Physical Education - Professional	Education	Chinese	CHI
Physics	Arts and Sciences	French	FRE, FRW
Polish (Language)	Arts and Sciences	German	GER, GET, GEW
Political Science	Arts and Sciences	Greek	GRK
Portuguese (Language)	Arts and Sciences	Hebrew	HBR
Psychological and Social		Italian	ITA, ITW
Foundations of Education	Education	Japanese	JPN
Psychology	Arts and Sciences	Polish	POL
Public Administration	Arts and Sciences	Portuguese	POR
Public & Community Health		Russian	RUS, RUT
Education	Public Health	Spanish	SPN, SPT, SPW
Reading	Undergraduate Studies	Yoruba	YOR
Reading Education	Education	Liberal Studies	IDS
Rehabilitation Counseling	Arts and Sciences	Library & Information Science	LIS
Religious Studies	Arts and Sciences	Linguistics	ENS, LIN, TSL
Russian (Language)	Arts and Sciences	Mass Communications	ADV, FIL, JOU, MMC,
Social Science Education	Education		PGY, PUR, RTV, VIC
Social Sciences, Interdisciplinary	Arts and Sciences	Marine Science	OCB, OCC, OCE, OCG,
Social Work	Arts and Sciences		OCP
Sociology	Arts and Sciences	Mathematics	CGS, COP, MAA, MAC,
Spanish (Language)	Arts and Sciences		MAD, MAE, MAP, MAS,
Special Education	Education		MAT, MGF, MHF, MTG,
Theatre	Visual and Performing Arts		STA
Women's Studies	Arts and Sciences	Medical Technology	MLS
Yoruba (Language)	Arts and Sciences	Microbiology	MCB
		Philosophy	PHH, PHI, PHM, PHP,
			WST
		Physics	PHY, PHZ
		Psychology	CBH, CLP, DEP, EXP,
			INP, PPE, PSB, PSY, SOP
		Rehabilitation Counseling	RCS
		Religious Studies	CLA, GRE, HEB, REL
		Ancient Studies	CLA, HEB
		Science Education	SCE*
		Social Science Education	SSE*
		Social Work	SOW
		Sociology	SYA, SYD, SYG, SYO,
		SYP	
		Women's Studies	AFA, AMH, AMS, ANT,
			COM, LIT, PHI, PHM,
			POS, PUP, REL, SOP,
			SPT, SYD, WST
		College of Business Administration	
		Accounting	ACG, TAX
		Common Body of Knowledge	GEB
		Economics	ECO, ECP, ECS
		Finance	FIN, REE, RMI
		General Business Administration	BUL, GEB, MAN
		Information Systems & Decision	
		Sciences	CGS, GEB, ISM, QMB
		Management	MAN
		Marketing	MAR
		College of Education	
		Computers in Education	EME
		Content Specializations	ARE, FLE, MAE, SCE,
			SED, SSE
		Elementary Education	EDE, EDG, EDS, LAE,
			MAE, RED, SCE, SSE
		English Education	LAE
		Foreign Language Education	FLE
		Higher Education	EDH
		Humanities Education	HUM Measurement-
		Research	EDF

Listing of Departments and Programs

Alphabetically by College, Department/Program

<i>College/Department/Program</i>	<i>Common Course Prefixes</i>
School of Architecture	
Architecture	ARC
College of Arts and Sciences	
Africana Studies	AFA, AFH, AFS, AMH,
	AML, AMS, ANT, CPO,
	HUM, INR, ISS, PHI, PHM,
	PUP, SPC
American Studies	AMS, PGY
Anthropology	ANT
Astronomy	AST
Biology	BOT, BSC, ENY, MCB,
	PCB, ZOO
Chemistry	BCH, CHM, CHS
Classics	CLA, CLT
Greek	GRE, GRW
Latin	LAT, LNW
Communication	COM, ORI, SPC
Communication Sciences &	
Disorders	SPA
Community Experiential Learning	IDS
Criminology	CCJ, CJT
Economics	ECN, ECO, ECP, ECS,
	GEB, QMB
English	AML, CRW, ENC, ENG,
	ENL, LAE, LIN, LIT, WST
Environmental Science & Policy	EVR
Geography	GEA, GEO, MET, URF
Geology	GLY, OCE, OCG
Gerontology	GEY, HUS
Government & International Affairs	
International Studies	AFA, ASN, EUS, INR, LAS,
	WST
Political Science	CPO, INR, POS, POT,
	PUP, URP

310 GENERAL COURSE INFORMATION

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Physical Education - Elective	HLP, PEL, PEM, PEN, PEQ, PET
Physical Education - Professional	HLP, HSC, PEP, PEQ, PET
Psychological & Social Foundations of Education	EDF, IDS, MHS, SDS, SLS, SPS
Reading Education	RED
Science Education	SCE
Social Science Education	SSE
Special Education	EDG, EED, EEX, EGI, ELD, EMR, EPH
College of Engineering	
Basic and Interdisciplinary Engineering	EGN
Chemical Engineering	ECH
Civil and Environmental Engineering	CEG, CES, CGN, CWR, EMA, ENV, TTE
Computer Science & Engineering	CAP, CDA, CEN, CIS, COP, COT, EEL, ESI
Computer Service Courses	CGS, COP, ETG, ETI
Electrical Engineering	EEL, ELR
Industrial and Management Systems	EIN, ESI
Mechanical Engineering	EAS, EML
Honors College	
Honors College	IDH
College of Nursing	
Nursing	HUN, NUR
College of Public Health	
Public Health	HSC
Undergraduate Studies	
Aerospace Studies (Air Force ROTC)	AFR
Cooperative Education	IDS
Hospitality and Restaurant Management	FSS, HFT
Information Technology	CDA, CEN, CIS, COP, EEL
Military Science (Army ROTC)	MIS
Naval Science (Navy ROTC)	NSC
College of Visual and Performing Arts	
Art	ARH, ART, FIL, GRA, PGY
Art Education	ARE, EDG
Dance	DAA, DAE, DAN
Fine Arts Interdisciplinary	IDS
Music	MUC, MUE, MUG, MUH, MUL, MUN, MUO, MUS, MUT, MVB, MVJ, MVK, MVP, MVS, MVV, MVW
Music Education	MUE
Theatre	THE, TPA, TPP

Listing Departments/Programs Alphabetically by Prefix

Course Prefix	Department/Programs
ACG	Accounting
ADE	Adult Education
ADV	Mass Communications
AFA	Africana Studies, International Studies, Women's Studies
AFH	Africana Studies, History
AFR	Aerospace Studies (Air Force ROTC)
AFS	Africana Studies
AMH	Africana Studies, History, Women's Studies
AML	Africana Studies, English
AMS	Africana Studies, American Studies, Women's Studies
ANT	Africana Studies, Anthropology, Women's Studies
ARA	Arabic (Language)

ARC	Architecture
ARE	Art Education, Elementary Education
ARH	Art History
ART	Art
ASH	History
ASN	International Studies
AST	Astronomy
BCH	Chemistry
BMS	Medicine, Medical Sciences
BOT	Biology
BSC	Biology
BTE	Business & Office Education
BUL	General Business Administration
CAP	Computer Science & Engineering
CBH	Psychology
CCJ	Criminology
CDA	Computer Science & Engineering, Information Technology
CEG	Civil & Environmental Engineering
CEN	Computer Science & Engineering, Information Technology
CES	Civil & Environmental Engineering
CGN	Civil & Environmental Engineering
CGS	Computer Service Courses, Mathematics, Mathematics Education
CHI	Chinese
CHM	Chemistry
CHS	Chemistry
CIS	Computer Science & Engineering, Information Technology
CJT	Criminology
CLA	Classics, Religious Studies
CLP	Psychology
CLT	Classics
COM	Communication, Women's Studies
COP	Computer Service Courses, Computer Science & Engineering, Information Technology, Mathematics
COT	Computer Science & Engineering
CPO	Africana Studies, Political Science
CRW	English
CWR	Civil & Environmental Engineering
DAA	Dance
DAE	Dance
DAN	Dance
DEC	Distributive & Marketing Education
DEP	Psychology
EAS	Mechanical Engineering
ECH	Mechanical Engineering
ECO	Economics
ECP	Economics
ECS	Economics
EDE	Elementary Education
EDF	Psychological & Social Foundations, Measurement-Research
EDG	Curriculum & Instruction, Education - General, Educational Leadership, Elementary Education, Theatre Education
EDH	Higher Education
EEC	Early Childhood Education
EED	Special Education
EEL	Computer Science & Engineering, Electrical Engineering, Information Technology
EEX	Special Education
EGI	Special Education
EGM	Civil & Environmental Engineering
EGN	Basic & Interdisciplinary Engineering
EIA	Industrial & Technical Education
EIN	Industrial & Management Systems Engineering
EIT	Information Technology
EIV	Industrial & Technical Education
ELD	Special Education
ELR	Electrical Engineering

EMA	Civil & Environmental Engineering	MAE	Elementary Education, Mathematics, Mathematics Education
EML	Mechanical Engineering	MAN	General Business Administration, Management
EMR	Special Education	MAP	Mathematics
ENC	English	MAR	Marketing
EME	Computers in Education	MAS	Mathematics
ENG	English	MAT	Mathematics
ENL	English	MCB	Biology
ENS	Linguistics	MET	Geography
ENV	Civil Engineering and Mechanics	MGF	Mathematics
ENY	Biology	MHF	Mathematics
EPH	Special Education	MHS	Psychological & Social Foundations of Education
ESI	Industrial & Management Systems Engineering	MIS	Military Science (Army ROTC)
ETG	Computer Service Courses	MLS	Medical Technology
ETI	Computer Service Courses	MMC	Mass Communications
EUH	History	MTG	Mathematics
EUS	International Studies Program	MUC	Music
EVR	Environmental Science & Policy	MUE	Elementary Education, Music Education
EVT	Industrial & Technical Education	MUG	Music
EXP	Psychology	MUH	Music
FIL	Art, Mass Communications	MUL	Music
FIN	Finance	MUN	Music
FLE	Foreign Language Education, French (Language)	MUO	Music
FOL	General Foreign Languages	MUS	Music
FRE	French (Language)	MUT	Music
FRW	French (Language)	MVB	Music
FSS	Hospitality and Restaurant Management	MVJ	Music
GEA	Geography	MVK	Music
GBE	Common Body of Knowledge, General Business Administration	MVP	Music
GEO	Geography	MVS	Music
GER	German (Language)	MVV	Music
GET	German (Language)	MVW	Music
GEW	German (Language)	NGR	Nursing
GEY	Gerontology, Psychology	NSC	Naval Science (Navy ROTC)
GLY	Geology	NUR	Nursing
GMS	Medical Sciences, Medicine	OCB	Marine Science
GRA	Art	OCC	Marine Science
GRE	Greek (Classics), Religious Studies	OCE	Geology, Marine Science
GRK	Greek (Language)	OCG	Geology, Marine Science
GRW	Greek (Classics)	OCP	Marine Science
HBR	Hebrew (Language)	ORI	Communication
HEB	Religious Studies	PAD	Public Administration
HFT	Hospitality and Restaurant Management	PCB	Biology
HIS	History	PEL	Physical Education - Elective
HLP	Elementary Education, Physical Education - Elective	PEM	Physical Education - Elective
HSC	Public Health	PEN	Physical Education - Elective
HUM	Africana Studies, Humanities	PEP	Physical Education - Professional
HUN	Nursing	PEQ	Physical Education - Professional
HUS	Gerontology	PET	Physical Education - Elective, Physical Education - Professional
IDH	Honors College	PGY	American Studies, Art, Mass Communications
IDS	Community Experiential Learning Program, Cooperative Education, Fine Arts Interdisciplinary, Honors Program, Liberal Studies	PHH	Philosophy
INP	Psychology	PHI	Africana Studies, Philosophy, Women's Studies
INR	Africana Studies, International Studies, Political Science	PHM	Africana Studies, Philosophy, Women's Studies
ISM	Information Systems & Decision Sciences	PHP	Philosophy
ISS	Africana Studies, International Studies, Interdisciplinary Social Sciences	PHY	Physics
ITA	Italian (Language)	PHZ	Physics
ITW	Italian (Language)	POL	Polish (Language)
JOU	Mass Communications	POR	Portuguese (Language)
JPN	Japanese (Language)	POS	Political Science, Women's Studies
LAE	Elementary Education, English Education	POT	Political Science
LAH	History	PPE	Psychology
LAS	International Studies	PSB	Psychology
LAT	Latin (Classics)	PSY	Psychology
LIS	Library and Information Science	PUP	Africana Studies, Political Science, Women's Studies
LIT	English, Women's Studies	PUR	Mass Communications
LNW	Latin (Classics)	QMB	Information Systems & Decision Sciences
MAA	Mathematics	RCS	Rehabilitative Counseling
MAC	Mathematics	REA	Reading
MAD	Mathematics	RED	Elementary Education, Reading Education
		REE	Finance
		REL	Religious Studies, Women's Studies
		RMI	Finance

312 GENERAL COURSE INFORMATION

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

RTV	Mass Communications
RUS	Russian (Language)
RUT	Russian (Language)
SCE	Elementary Education, Science Education
SDS	Psychological & Social Foundations of Education
SLS	Psychological & Social Foundations of Education
SOP	Psychology, Women's Studies
SOW	Social Work
SPA	Communication Sciences & Disorders
SPC	Africana Studies, Communication
SPN	Spanish (Language)
SPS	Psychological & Social Foundations
SPT	Spanish (Language), Women's Studies
SPW	Spanish (Language)
SSE	Elementary Education, Social Science Education
STA	Mathematics, Interdisciplinary Social Sciences
SUR	Civil & Environmental Engineering
SYA	Sociology
SYD	Sociology, Women's Studies
SYG	Sociology
SYO	Sociology
SYP	Sociology
TAX	Accounting
THE	Theatre
TPA	Theatre
TPP	Theatre
TSL	Linguistics
TTE	Civil & Environmental Engineering
URP	Geography, Political Science
VIC	Mass Communications
WST	History, International Studies, Women's Studies
YOR	Yoruba (Language)
ZOO	Biology

COURSE LEVEL DEFINITION

Lower Level	0000-1999 Freshman Level 2000-2999 Sophomore Level
Upper Level	3000-3999 Junior Level 4000-4999 Senior Level
Graduate Level	5000-5999 Senior/Graduate Level 6000-Up Graduate Level

Florida's Statewide Course Numbering System

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida's Statewide Course Numbering System. This common numbering system is used by all public postsecondary institutions in Florida and by participating non-public institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the Statewide Course Numbering System (SCNS). The list of course prefixes and numbers, along with their generic titles, is referred to as the "SCNS taxonomy." Descriptions of the content of courses are referred to as "statewide course details."

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions. (Exceptions are listed below.)

For example, a survey course in social problems is offered by 34 different postsecondary institutions. Each institution uses "SYG_010" to identify its social problems course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, "SYG" means "Sociology, General," the century digit "0" represents "Entry-level General Sociology," the decade digit "1" represents "Survey Course," and the unit digit "0" represents "Social Problems."

In science and other areas, a "C" or "L" after the course number is known as a lab indicator. The "C" represents a combined lecture and laboratory course. The "L" represents a laboratory course or the laboratory part of a course, having the same prefix and course number without a lab indicator, which may meet at a different time or place.

Transfer of any successfully completed course from one institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, SYG 1010 is offered at a community college while the same course is offered at a state university as SYG 2010. A student who has successfully completed SYG 1010 at the community college is guaranteed to receive transfer credit for SYG 2010 at the state university upon transfer. The student cannot be required to take SYG 2010 again since SYG 1010 is equivalent to SYG 2010. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements on the same basis as credit awarded to the native students. It is the prerogative of the receiving institution to offer transfer credit for courses successfully completed which have not been designated as equivalent.

The Course Prefix

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or sub-category of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the prefix designation.

Authority for Acceptance of Equivalent Courses

State Board of Education Rule 6A-10.024(19), Florida Administrative Code, reads:

When a student transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the common course designation and numbering system, the receiving institution shall award credit for courses satisfactorily completed at the previous participating institutions when the courses are judged by the appropriate common course designation and numbering system faculty task forces to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The award of credit may be limited to courses that are entered

in the course numbering system. Credits so awarded shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency

The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution:

- A. Courses in the 900-999 series (e.g., HUM 2905)
- B. Internships, practica, clinical experiences, and study abroad courses
- C. Performance or studio courses in Art, Dance, Theater, and Music
- D. Skills courses in Criminal Justice
- E. Graduate courses
- F. Courses not offered by the receiving institution

College preparatory and vocational preparatory course may not be used to meet degree requirements and are not transferable.

Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to the Office of the Dean, Undergraduate Studies in SVC 2002 at the University of South Florida or the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32399-0400. Special reports and technical information may be requested by calling telephone number (850) 245-0427 or SunCom 205-0427.

314 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

ACG 2021 Principles of Financial Accounting (3) BA ACC

Study of basic accounting principles including the recording and reporting of financial activity. The preparation and interpretation of financial statements.

ACG 2071 Principles of Managerial Accounting (3) BA ACC

PR: ACG 2021 with a grade of "C-" or better. A study of the accountant's role in assisting management in the planning and controlling of business activities.

ACG 3074 Managerial Accounting for Non-Business Majors (3) BA ACC

Does not count towards major or CPA requirements. Not available for credit for Business majors. The study of the uses of accounting data internally by managers in planning and controlling the affairs of organizations.

ACG 3103 Intermediate Financial Accounting I (3) BA ACC

PR: ACG 2021. Theory and methodology underlying financial reporting, including the FASB's conceptual framework, the accounting process, financial statements, accounting changes, present value applications, and current assets.

ACG 3113 Intermediate Financial Accounting II (3) BA ACC

PR: ACG 3103 with a grade of "C" or better (not C-). Continuation of ACG 3103. Topics covered include property, plant and equipment, intangibles, current liabilities, long-term debt, stockholders' equity, earnings per share computations, and investments.

ACG 3341 Cost Accounting and Control I (3) BA ACC

PR: ACG 2071 or ACG 3103. Deals with cost accounting systems for different entities, cost behavior patterns, cost-volume-profit analysis, relevant information for decision making, and budgets and standard costs for planning and control.

ACG 3401 Accounting Information Systems (3) BA ACC

PR: ACG 2021 and CGS 2100. Students who complete this course will not receive credit for ACG 4621. This course provides students with a basic understanding of well-controlled information systems in a variety of technological environments with added emphasis on the collection, processing, and reporting of accounting information.

ACG 4123 Intermediate Financial Accounting III (3) BA ACC

PR: ACG 3113 with a grade of "C" or better (not C-). Theory and practice underlying revenue recognition, income tax allocation, leases, post-retirement benefits, error analysis, statement of cash flows, full disclosure, and other current accounting topics.

ACG 4351 Cost Accounting And Control II (3) BA ACC

PR: ACG 3341 with a grade of "C" or better (not C-). Application of the material covered in ACG 3341 with specific emphasis on cost allocations, performance measurements, analysis of current cost accounting systems and accounting in today's environment (giving consideration to the influences of the international environment).

ACG 4632 Auditing I (3) BA ACC

PR: ACG 3113 and ACG 3401. This course provides a sound conceptual foundation of basic auditing process from the perspective of the public accounting profession. Professional standards, ethics, legal responsibilities, and the utilization of technology are addressed.

ACG 4642 Auditing II (3) BA ACC

PR: ACG 4632 with a grade of "C" or better (not C-). Further development of material covered in ACG 4632, with special emphasis on additional reporting topics and audit techniques not previously addressed.

ACG 4901 Independent Study (1-3) BA ACC

PR: Consent of Director. S/U only. Specialized independent study determined by the students' needs and interests.

ACG 4911 Independent Research (1-4) BA ACC

PR: Consent of Director. Individual study contract with instructor and director required. The research project will be mutually determined by the student and instructor.

ACG 4931 Selected Topics In Accounting (1-4) BA ACC

The course content will depend on student demand and instructor's interest.

ACG 5205 Advanced Financial Accounting (3) BA ACC

PR: ACG 4123 Accounting for business combinations, preparation of consolidated financial statements, home office/branch relationships, foreign operations and transactions, partnerships.

ACG 5501 Governmental/Not-For-Profit Accounting (3) BA ACC

PR: ACG 4123. CR: ACG 4632. Application of financial and managerial accounting, and auditing, principles and theory to both governmental and not-for-profit entities.

ACG 5675 Internal and Operational Auditing (3) BA ACC

PR: ACG 3113 and ACG 3401. CR: ACG 4632. The objective of Internal and Operational Auditing is to provide students with an

opportunity to learn about the theory and practice of internal and operational auditing and to apply relevant audit principles and techniques to selected audit problems.

ADE 4384 Working With the Adult Learner (3) ED EDV

An investigation of the needs of the adult learner. Identification of principles of adult learning; physiological, psychological, and social characteristics of adult learners, and corresponding implications are explored.

ADV 3000 Introduction to Advertising (3) AS COM

PR: MMC 2100 and MMC 3602. A study of the structures, functions, and persuasive language of advertising in mass media with attention to social, political, economic, and legal aspects.

ADV 3101 Advertising Copywriting (3) AS COM

PR: ADV 3000 and ECO 1000. Study of laboratory experience in preparation of advertising copy for newspapers, magazines, radio, television, direct mail, outdoor displays, specialty items, and interactive electronic media.

ADV 3103 Radio-Television Advertising (3) AS COM

PR: ADV 3000. An intensive study and analysis of radio and television for advertising purposes, including copywriting, script and storyboard preparation, time buying and selling techniques, audience research methods, and basic production concepts.

ADV 3200 Advertising Design (3) AS COM

PR: ADV 3000 (for advertising sequence majors) or VIC 3001 (for other Mass Comm majors). Application of graphic design principles to various areas of advertising. Combining visual and verbal elements effectively.

ADV 3300 Advertising Media Strategy (3) AS COM

PR: ADV 3000 and ECO 1000. Problems, techniques, strategy of media research, planning, budgeting and effective utilization in advertising.

ADV 3501 Advertising Research (3) AS COM

PR: ADV 3000. Overview of scientific research methods as used in advertising. Emphasis on the acquisition, analysis, and evaluation of primary and secondary data, and the principles of survey and experimental research.

ADV 3700 Retail Advertising Planning and Execution (3) AS COM

PR: ADV 3000 and ADV 3101. A study of retail advertising, including management decisions, processes, procedures, media planning, production techniques, and problems affecting the development of advertising to fulfill retail objectives.

ADV 4600 Advertising Management (3) AS COM

PR: ADV 3000, ADV 3101, ADV 3300. Application of analytical planning concepts to advertising planning and decision-making. Case study method used to explore advertising and promotional programs; media and creative strategies; consumer, retail, industrial, and public service applications.

ADV 4800 Advertising Campaigns (3) AS COM

PR: ADV 3101, ADV 3300, ADV 3501, ECO 1000, and MAR 3023. Advanced advertising course requiring planning and production of complete general advertising campaign, including research, production methods, budgeting, and media schedules.

ADV 4940 Advertising Practicum (1) AS COM

PR: Cl. For advertising sequence majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

AFA 2000 Introduction to the Black Experience [In Africa and Its Diaspora] 6A AF (3) AS AFA

Fundamental perspectives on the nature and significance of the Black Experience in Africa and black communities in the Americas.

AFA 4150 Africa and the United States 6A SS HP AF (3) AS INT

An examination of the historical and current political, economic, and cultural relations between the United States and Africa.

AFA 4313 Black English MW (3) AS AFA

PR: Junior or Senior standing. This course focuses on linguistic patterns among African Americans in the U.S., South and Central America, and the Caribbean. It examines language in relation to issues of domination, social stratification, economics and political empowerment.

AFA 4331 Social Institutions and the African American Community (3) AS AFA

A study of social institutions as they relate to the African American community, with emphasis on social systems operating within and on the African American community.

AFA 4333 The African Diaspora: Blacks in the Construction of the Americas MW (3) AS AFA

PR: Junior or Senior standing. This course will examine the historical and geographical distribution of Africans in the diaspora and the political and economic roles they have played in the

development of the Western world, with a focus on America. The course takes an interdisciplinary approach. The course is not restricted to majors and is not repeatable for credit.

AFA 4335 Black Women in America 6A MW (3) AS AFA

An interdisciplinary survey of the contemporary experience of black women in America, including the African roots, myths, and realities surrounding that experience.

AFA 4350 African American Community Research MW (3) AS AFA

This interactive, field experience course introduces students to active and applied research methodologies and the uses of this research in Black urban communities.

AFA 4500 Slavery in the Americas and the Caribbean MW (3) AS AFA

This course examines the institution of enslavement in North, South, and Central America, and the Caribbean. It takes an interdisciplinary approach in exploring the social, political, and economic underpinnings of slavery.

AFA 4502 Middle Passage MW AF HP (3) AS AFA

The Middle Passage focuses on the trafficking of African peoples from Africa to destinations in the Americas and Europe. Emphasis is placed on the capture, detention, and transport of Africans, and their response to the experience.

AFA 4900 Directed Readings (1-3) AS AFA

PR: CI. Independent readings in a particular area of African and African American Studies, selected by student and instructor.

AFA 4931 Selected Topics in Africana Studies (3) AS AFA

Topics offered are selected to reflect student needs and faculty interests. In depth study in such areas as the Black Student and the American Educational Process; the Black Experience in the Americas; European Expansion in Africa to 19th century; Contemporary Economic Problems in Africa.

AFA 5935 Issues in Africana Studies (1-4) AS AFA

Variable topics course focusing on the history, culture, and lived experiences of Africans, African American, and/or other peoples of African descent worldwide. Rpt. Up to 12 hours as topics vary.

AFH 3100 African History to 1850 HP AF (3) AS HTY

An outline survey of pre-colonial African history including a prefatory introduction to the use of primary sources (such as archaeology, oral tradition, cultural anthropology, comparative linguistics, documents) in reconstructing the African past.

AFH 3200 African History since 1850 HP AF (3) AS HTY

Survey of the Colonial and post-colonial history of Africa. Emphasis on the impact of European and other alien influences on the continent, emergence of independent African states, and post-independence problems of nation building and economic development.

AFR 1101 The Air Force Today: Organization And Doctrine (1) USAFR

Introduction to the Air Force in the contemporary world through a study of its total force structure and mission.

AFR 1120 The Air Force Today: Structure And Roles (1) US AFR

A study of the strategic offensive and defensive forces, general purpose forces, and aerospace support forces that make up the Air Force of today.

AFR 2000 Enhanced Physical Fitness Training (0) US AFR

Required of all students in AFR 2000-, 3000-, and 4000-level classes. It meets once per week for 1 and 1/2 hours. Concentrates on motivational physical fitness, healthy lifestyle and cadet esprit.

AFR 2001 Air Force ROTC Leadership Laboratory (0) US AFR

Leadership Laboratory is required for each of the Aerospace Studies courses. It meets one hour and 45 minutes per week. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop each student's leadership potential. Leadership Laboratory involves a study of Air Force customs and courtesies; drill and ceremonies; career opportunities in the Air Force; and the life and work of an Air Force junior officer. Students develop their leadership potential in a practical laboratory, which typically includes field trips to Air Force installations.

AFR 2130 The Evolution of USAF Aerospace Power Part I (1) USAFR

CR: AFR 2000, AFR 2001. A study of air power from balloons and dirigibles through the jet age. Emphasis is on the employment of air power in WWI and WWII and how it affected the evolution of air power concepts and doctrine.

AFR 2140 The Evolution of USAF Aerospace Power Part 2 (1) USAFR

CR: AFR 2000, AFR 2001. A historical review of air power employment in military and nonmilitary operations in support of

national objectives. Emphasis is on the period from post WWII to present.

AFR 3220 Air Force Leadership and Management - I (3) US AFR

CR: AFR 2000, AFR 2001. An integrated management course emphasizing the individual as a manager in an Air Force milieu. The individual motivational and behavioral processes, leadership, communication, and group dynamics are covered to provide a foundation for the development of the junior officer's professional skills as an Air Force officer (officership). The basic managerial processes involving decision making, utilization of analytic aids in planning, organizing, and controlling in a changing environment are emphasized as necessary professional concepts.

AFR 3231 Air Force Leadership and Management - II (3) US AFR

CR: AFR 2000, AFR 2001. A continuation of the study of Air Force advancement and leadership. Concentration is on organizational and personal values, management of forces in change, organizational power, politics, and managerial strategy and tactics are discussed within the context of the military organization. Actual Air Force cases are used to enhance the learning and communication processes.

AFR 4201 National Security Affairs & Preparation for Active Duty Part 1 (3) US AFR

CR: AFR 2000, AFR 2001. A study of the Armed Forces as an integral element of society, with an emphasis on American civil-military relations and context in which U.S. defense policy is formulated and implemented. Special themes include: societal attitudes toward the military and the role of the professional military leader-manager in a democratic society.

AFR 4211 National Security Affairs & Preparation for Active Duty Part 2 (3) US AFR

CR: AFR 2000, AFR 2001. A continuation of the study of the Armed Forces in contemporary American society. Concentration is on the requisites for maintaining adequate national security forces; political, economic, and social constraints on the national defense structure; the impact of technological and international developments on strategic preparedness; the variables involved in the formulation and implementation of national security policy; and military justice and its relationship to civilian law.

AFS 2250 Culture and Society in Africa 6A AF (3) AS AFA

Topics include: African religion, value systems, art and the aesthetics, family and life-cycle, impact of Islam and Christianity and conflict of cultures.

AFS 3153 African Literature Survey 6A LW (3) AS AFA

PR: Junior or Senior standing. Explore the socio-historical, philosophical and political dynamics of African cultures through the study of African oral literature and the reading of African literary texts of various genres.

AFS 3251 Environmental - Cultural Study in Africa SS FA AF (3) AS AFA

PR: AFS 2250 or CI. Study tour. A study of traditional African society and culture, the relationship between life and the environment, and the impact of modernization on the culture and the environment.

AFS 4910 Individual Research (1-3) AS AFA

PR: CI, Department approval. 2000 level introductory course. Course consists of advanced undergraduate research on Africana Studies topic selected by student and professor. Topics vary. The course allows students to develop research skills and independent work discipline.

AMH 2010 American History I HP (3) AS HTY

A history of the United States with attention given to relevant developments in the Western Hemisphere from European origins to 1877.

AMH 2020 American History II HP (3) AS HTY

A history of the United States with attention given to relevant developments in the Western Hemisphere from 1877 to present.

AMH 3110 American Colonial History to 1750 (4) AS HTY

A study of the evolution of American society from the Age of Reconnaissance to 1750. Attention is given to the transformation from colonies to provinces with emphasis on ethnocultural conflict, religion, labor systems, and political culture.

AMH 3130 The American Revolutionary Era (4) AS HTY

Emphasis on the causes of the American revolution, the nature of Constitution-making, and the establishment of the federal system. Also examines the significance of loyalism, violence, and slavery in American society from 1750-1789.

AMH 3140 The Age of Jefferson (4) AS HTY

A comprehensive study of American society and political culture from 1789-1828. Focuses on demographic trends, party systems, expansionism, Indian policy, labor, and ethno-cultural conflicts.

AMH 3160 The Age of Jackson (4) AS HTY

316 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

The United States from 1828-1850, with emphasis on social and political conflict. Consideration of evangelicalism, reform, labor movements, urbanization, and political activity in the antebellum era.

AMH 3170 The Civil War and Reconstruction (4) AS HTY

An examination of political, social, and economic climate of the 1850's that led to the American Civil War. The course does focus upon the war itself in its military, diplomatic, and political consequences through the end of the Reconstruction (1877).

AMH 3201 The United States, 1877-1914 (4) AS HTY

A study of America from the end of Reconstruction to World War I. Ranging over political, social, and international developments, the course covers industrialization, immigration, unions, reform, feminism, race relations and imperialism.

AMH 3231 The United States, 1914-1945 (4) AS HTY

The United States from World War I to the end of World War II. Covering political, social and international developments, the course examines the lives of Americans, including minorities and women, during war, prosperity, and the Great Depression.

AMH 3270 The United States since 1945 (4) AS HTY

A study of America's role in the Cold War, in Vietnam, and in the post-Cold War era. Also examines domestic developments, such as the consumer culture, protest movements, and abuses of political power.

AMH 3403 The South since 1865 (4) AS HTY

Southern history since the surrender at Appomattox. Topics covered include Reconstruction, the Populist revolt, race relations, demagoguery and disfranchisement, Southern women, and the Civil Rights Movement.

AMH 3421 Early Florida (4) AS HTY

A history of colonial Florida under the Spanish and English. Florida as an area of discovery, colonization, and imperial conflict; the emergence of Florida within the regional setting.

AMH 3423 Modern Florida (4) AS HTY

An historical survey of Florida from the territorial period to the modern era. An examination of the social, political, and economic changes occurring in Florida between 1821 and the 1980s.

AMH 3500 American Labor History (4) AS HTY

A study of American workers from the colonial period to the present. Examines the changing nature of work, its effects on workers (including minorities and women), and their responses as expressed in strikes, unions, and political action.

AMH 3510 U.S. Diplomatic History to 1898 6A (4) AS HTY

The development of American Foreign Relations in the Agricultural era.

AMH 3511 U.S. Diplomatic History in the 20th Century (4) AS HTY

A history of American Foreign Relations in the Industrial era.

AMH 3530 Immigration History (4) AS HTY

A study of the composition and character of the "American" people with emphasis on the period from 1840s to the 1920s. Examines old world backgrounds of immigrants and their responses to the new world's social, economic and political conditions.

AMH 3540 United States Military History (4) AS HTY

A study of American military policy and practices from colonial days to the present. Attention is given both to tactics and to strategy in the unfolding formulation and development of American armed might.

AMH 3545 War and American Empire (4) AS HTY

The U.S. evolved in 200 years from 13 colonies to the number one power in the world. To achieve this goal we utilized war to achieve empire. This course will examine the link between American War and empire from the Revolution through Viet Nam.

AMH 3561 American Women I (4) AS HTY

A study of women in the evolution of American society from European origins to 1877. Women's roles in the family, economy, politics, wars, and reform movements will be examined.

AMH 3562 American Women II (4) AS HTY

A study of women in the evolution of American society from 1877 to the present. Women's roles in the family, economy, politics, immigration, wars, religion and reform movements will be examined.

AMH 3571 African American History to 1865 HP (3) AS AFA

A survey of African American history, with an emphasis on North America to 1865. Topics include pre-colonial Africa, transatlantic slave trade, slavery, and the Civil War.

AMH 3572 African American History since 1865 HP (3) AS AFA

A survey of African American history, with an emphasis on North America, from 1865 to the present. Topics include reconstruction, World War I, World War II, and the Civil Rights Movement.

AMH 4601 Early American History and Archaeology (6) AS HTY

This course is a five week long summer practicum in early American historical archaeology. The class brings together historical research, material culture studies, and historical archaeology methods within a professional historical archaeology setting.

AML 3031 American Literature From the Beginnings to 1860 (3) AS ENG

A study of representative works from the period of early settlement through American Romanticism, with emphasis on such writers as Cooper, Irving, Bryant, Hawthorne, Emerson, Melville, Thoreau, and Poe, among others.

AML 3032 American Literature From 1860 to 1912 (3) AS ENG

A study of representative works of selected American Realists and early Naturalists, among them Whitman, Dickinson, Twain, James, Howells, Crane, Dreiser, Wharton, Robinson, Dunbar, and Johnson.

AML 3051 American Literature From 1912-1945 (3) AS ENG

A study of poetry, drama, and fiction by such writers as Pound, Stein, Fitzgerald, Hemingway, Faulkner, Porter, Toomer, Cummings, Williams, Anderson, Steinbeck, Wright, West, Stevens, Henry Miller, and others.

AML 3413 Historical Perspectives in Early American Literature HP (3) AS ENG

Examines American literature from the Colonial Period to the Civil War as a manifestation of geographical, political, social, and intellectual forces. Will not be counted toward the English major.

AML 3604 African American Literature 6A LW (3) AS ENG

A study of African American literature from the nineteenth century to the present, including the works of such writers as W.E.B. Dubois, Jean Toomer, Langston Hughes, Richard Wright, Ralph Ellison, LeRoi Jones, and Nikki Giovanni.

AML 4111 Nineteenth-Century American Novel (3) AS ENG

A study of the American novel from its beginnings through 1900, including such novelists as Cooper, Hawthorne, Melville, James, Twain, Crane, and Dreiser, among others.

AML 4121 Twentieth-Century American Novel (3) AS ENG

A study of major trends and influences in American prose fiction from 1900 to the present. Includes works by such writers as Hemingway, London, Wharton, Fitzgerald, Faulkner, West, Mailer, Bellow, Ellison, Donleavy, Updike, Vonnegut, and others.

AML 4261 Literature of the South (3) AS ENG

A study of the major writers of the Southern Renaissance, including writers such as Faulkner, Wolfe, Caldwell, Hellman, McCullers, O'Connor, Warren, Styron, Tate, Davidson, and Dickey.

AML 4300 Selected American Authors (3) AS ENG

The study of two or three related major authors in American literature. The course may include such writers as Melville and Hawthorne, Hemingway and Faulkner, James and Twain, Pound and Eliot, Stevens and Lowell, etc. Specific topics will vary. May be taken twice for credit with different topics.

AML 4303 Zora Neale Hurston: Major Works 6A MW LW (3) AS AFA

PR: Junior or Senior standing. The course focuses on the life, works, and times of Zora Neale Hurston as a major Harlem Renaissance figure and a renowned Florida writer.

AML 4624 Black Women Writers 6A LW (3) AS AFA

Black women writers focuses on the literature of women of Africa and the African Diaspora. It examines the social, historical, artistic, political, economic, and spiritual lives of African women in context of a global community.

AMS 2030 Introduction to American Studies SS HP (3) AS AMS

An overview of American Studies, the interdisciplinary study of American culture. Analysis of the arts and literature, including music; social issues; popular culture; material culture; cultural diversity; and social change. These approaches will be applied to a specific cultural era.

AMS 2201 Colonial American Culture HP (3) AS AMS

An examination of cultural patterns in America as they developed between 1600 and 1780 with an emphasis on the texture of everyday life.

AMS 2212 Nineteenth-century American Culture HP (3) AS AMS

An examination of cultural patterns in America from 1776 to 1900 with an emphasis on the texture of everyday life.

AMS 2270 Twentieth-century American Culture HP (3) AS AMS

An examination of cultural patterns in America from 1900 to the present with emphasis on the texture of everyday life.

AMS 2363 Issues in American Civilization (1-4) AS AMS

An examination of selected topics such as natural environment and the quality of life, sports and American society, popular music, American communities, vigilante tradition, jazz music, role of the family, American success myth, youth in America. Topic varies.

AMS 3001 American Culture 1880-1915 6A HP (4) AS AMS
Integration of major aspects of American life between the 1880s and World War I.

AMS 3210 Regions of America HP (4) AS AMS
The pattern of American culture as revealed through an examination of selected writings and other pertinent materials dealing with selected American regions. Topic varies.

AMS 3230 America During the 20s and 30s (4) AS AMS
Selected interdisciplinary materials are used to examine the relationships among regionalism, nationalism and internationalism during the twenties and thirties. Emphasis is placed on the measure of cultural nationalism attained by the United States during this period.

AMS 3260 American Culture, 1830-1860 6A HP (4) AS AMS
Examines the patterns of American culture in the years leading up to the Civil War. Topics include religion and social reform, race relations, and the impact of industrialization.

AMS 3370 Southern Women: Myth and Reality 6A HP (3) AS AMS
This course will identify the myths surrounding Southern Women, discern their sources and purposes, and contrast them with history.

AMS 3601 Material Culture and American Society SS HP (3) AS AMS
By means of slides, lectures and student projects, examines connections between artifacts and American cultural attitudes from 17th century to present. Topics include: architecture, furniture, gravestones, toys, and the material subcultures of women, African-Americans and communal societies.

AMS 3700 Racism in American Society SS HP (3) AS AMS
An introduction into the causes and effects of racism in American history, literature, art, the media, and folklore. Related concepts of ethnocentrism and class conflict will also be studied.

AMS 3930 Selected Topics in American Studies (1-4) AS AMS
Offerings include Cultural Darwinism in America, America Through Foreign Eyes, and The Female Hero in American Culture.

AMS 4152 Film in American Culture (3) AS AMS
Surveys the contributions to American culture of major films, studios, directors, stars, theaters, and controversies from the perspectives of genres and styles, critical methodologies and theories. Variable topics such as: series on a region, director, performer, subject, or period of time.

AMS 4804 Major Ideas in America MW (3) AS AMS
Investigates the role of one or more influential ideas in American culture, for example: individualism, identity, community, dissent, reform, utopianism, democracy. Emphasizes the critical analysis of a variety of primary texts. Topic varies.

AMS 4910 Individual Research (1-4) AS AMS
The content of the course will be governed by student demand and instructor interest. Instructor approval required prior to registration.

AMS 4930 Selected Topics in American Studies (1-4) AS AMS
PR: Senior in American Studies or CI. Offerings include the social implications of American painting, Technology in Twentieth Century America, American Environmental Problems, Popular Culture in America, American Military Experience, and Labor in America.

AMS 4935 Senior Seminar in American Studies (4) AS AMS
PR: Senior in American Studies or CI.

AMS 4940 Internship in American Studies (1-2) AS AMS
A structured, out-of-class learning experience designed to provide first-hand, practical training in careers related to American Studies. Restricted to American Studies majors. Repeatable up to 4 credit hours.

ANG 5901 Directed Reading (1-4) AS ANT
PR: DPR. S/U. Individual guidance in concentrated reading on a selected topic in Anthropology. Contract required prior to registration.

ANG 5910 Individual Research (2-4) AS ANT
PR: DPR. Contract required prior to registration. S/U. Individual guidance in selected research project.

ANG 5937 Seminar in Anthropology (2-4) AS ANT
PR: Senior or GS. Topics to be chosen by students and instructor.

ANT 2000 Introduction to Anthropology SS AF (4) AS ANT
The cross-cultural study of the human species in biological and social perspective. Surveys the four major branches of anthropology: physical anthropology (human biology),

archaeology (the analysis of the prehistoric and historic remains of human cultures), anthropological linguistics (the analysis of language in its cultural context), and cultural anthropology (the cross-cultural study of peoples living in the world today, be they in tribal, peasant, or urban societies).

ANT 2410 Cultural Anthropology SS AF (3) AS ANT
PR: ANT 2000 or DPR. Discussion of major methods of and orientations to the cross-cultural study of the world's peoples. Representative case studies are used to demonstrate variations in human adaptations and to encourage an appreciation of diverse values and lifestyles.

ANT 2511 Biological Anthropology NS (3) AS ANT
PR: ANT 2000 or DPR. Non-human primates, the fossil record and the biology of races are surveyed in order to understand the human animal as a product of biosocial phenomena. Anatomy, genetics, culture and evolution are emphasized.

ANT 3005 The Anthropological Perspective AF (3) AS ANT
For non-anthropology majors only. May not be counted for credit toward an anthropology major. Presents the basic concepts of anthropology as they are relevant to contemporary life. Aims at enabling the student to understand the anthropologist's cross-cultural view of the human species as adapting through biosocial means to life on this planet.

ANT 3101 Archaeology SS (3) AS ANT
PR: ANT 2000 or DPR. The cross-cultural study of humankind from its beginnings up to and including the historic period through the recovery, description, and analysis of the remains of past cultures and societies.

ANT 3610 Anthropological Linguistics SS (3) AS ANT
PR: ANT 2000 or DPR. The comparative study of language in its cultural context, especially emphasizing the role of language in the cultural interpretation of physical and social reality.

ANT 4034 Theories of Culture (3) AS ANT
PR: DPR. Senior standing with major in anthropology. The major concepts that form the anthropological view of humanity are viewed in historical perspective. Basic ideas of the western philosophical tradition are analyzed from the Greeks to the 19th century when they became incorporated into the new discipline of anthropology. 20th century anthropological developments on these themes are considered.

ANT 4142 Old World Archaeology (3) AS ANT
PR: ANT 3101 or DPR. The archaeology of Europe, Asia and Africa, from the earliest humans through the emergence of state-level societies in many parts of the Old World. The course will focus on comparative aspects of economic, social, political, and religious organization in the prehistoric Near East, Egypt, China, the Aegean, Europe and Africa.

ANT 4143 European Archaeology (3) AS ANT
PR: ANT 3101 or DPR. The archaeology of Europe, from the first Palaeolithic inhabitants to the fall of Roman civilization. The course will focus on ancient material culture while emphasizing social and economic questions such as the emergence of modern humans, the adoption of agriculture, the development of complex societies, and the rise of civilization.

ANT 4147 Environmental Archaeology (3) AS ANT
PR: ANT 3101 or DPR. This course examines environmental constraints on ancient human societies, and how human activities have impacted the environment in the last several thousand years. Presentation of the methods used to reconstruct prehistoric environments will be followed by case studies from Florida, Central and South America, Easter Island, the Mediterranean and the Near East.

ANT 4149 Fantastic Archaeology MW (3) AS ANT
PR: Junior standing or above. Mysteries including the Lost Continent of Atlantis, Ancient Astronauts, Piltdown Man, Psychic Archaeology, Noah's Ark, and the Shroud of Turin will be examined, while emphasizing skills in critical thinking that have much wider practical applications.

ANT 4153 North American Archaeology (3) AS ANT
PR: ANT 3101 or DPR. An examination of the evidence regarding the human settlement of North America from its beginnings through the development of aboriginal culture to the period of European conquest. Emphasis on the comparative study of material culture at selected sites from all time periods. No field work is involved.

ANT 4158 Florida Archaeology (4) AS ANT
PR: ANT 3101, DPR. Culture history and culture process over 10,000 years from the time of the first people in Florida (Paleo-Indians) through the elaborate Weeden Island and Safety Harbor burial and temple mound cultures to the Spanish entrada and consequences of European conquest. Review of temporal and spatial relationships within the entire eastern U.S. and elsewhere.

May be part of a summer (or other semester) field school, combined with Field Methods in Archaeology and Laboratory Methods in Archaeology.

ANT 4163 Mesoamerican Archaeology (3) AS ANT

PR: ANT 3101 or DPR. The chronological sequence from its beginnings through Protohistoric development is described and analyzed. Cultures such as the Maya, Aztec, Mixtec, Zapotec, Olmec, and Toltec are included, with emphasis on the environmental setting and the relationship between cultural ecology and the growth of civilization.

ANT 4165 South American Archaeology (3) AS ANT

PR: ANT 3101 or DPR. Describes and analyzes the sequence of cultural development in prehistoric South America. Cultures such as the Inca, Chavin, Mochica, Wari, Chimu are included. Emphasis on the environmental setting and the relationship between cultural ecology and the growth of civilization.

ANT 4172 Historical Archaeology 6A MW (3) AS ANT

PR: ANT 3101 or DPR. A survey and analysis of archaeology focused on the historic period. Laboratory research with data recovered from historic sites in addition to classwork.

ANT 4180 Laboratory Methods in Archaeology (2-4) AS ANT

PR: ANT 3101, DPR. Data and materials recovered from archaeological survey and excavation are processed in the laboratory; includes artifact cleaning, cataloguing, identification, and analysis; soil flotation; reconstruction and conservation of artifacts, mapmaking, etc. May be offered as part of a summer (or other semester) field session. May be combined with Florida Archaeology and Field Methods in Archaeology.

ANT 4181 Museum Methods (4) AS ANT

PR: ANT 3101 and DPR. Design, preparation and installation of exhibits in the Department of Anthropology Teaching Exhibit Gallery. Emphasis on theory, research, design, and construction. Discussion of museum-related issues such as administration and curation.

ANT 4183C Archaeological Science (4) AS ANT

PR: ANT 3101 or DPR. This course focuses on the application of scientific methods of analysis to archaeological materials including bone, stone, pottery, and metal. Methods include absolute dating, remote sensing, optical and SEM microscopy, elemental and isotope analysis. Laboratory sections provide hands-on experience with a variety of archaeological materials and analytical methods.

ANT 4231 Folklore 6A (3) AS ANT

PR: ANT 2410 or DPR. Focuses on cross-cultural methods and techniques regarding the collection, classification, and analysis of such materials as myths, jokes, games, and items of material culture. African (or African-derived), Oceanic and Native American societies are surveyed.

ANT 4241 Magic and Religion 6A MW (3) AS ANT

PR: ANT 2410 or DPR. The cross-cultural study of the social and cultural aspects of religion. Religious activities in traditional and modern societies will be discussed. Ritual behavior, religious practitioners and symbols of belief will be considered in light of their impact on the social, political or economic aspects of peoples' lives.

ANT 4285 Oral History (3) AS ANT

PR: ANT 2410 or DPR. A survey of the history, methods, and current applications of oral history research, primarily in the anthropological study of culture, but with reference to allied disciplines. Students will become familiar with oral history through intensive analysis of selected case studies as well as guided field projects.

ANT 4302 Gender in Cross-Cultural Perspective MW (3) AS ANT

PR: ANT 2410 or DPR. Focuses on various theories, models and beliefs about male-female behaviors and interactions in human cultures throughout history and in various societies in the world today.

ANT 4312 North American Indians (3) AS ANT

PR: ANT 2410 or DPR. An examination of the evidence for the origin and antiquity of human beings in North America and of patterns of regional development until the period of contact with European colonists. Emphasis on varieties of ecological adaptation, social, political and religious systems, enculturation and worldview, folklore and visual art.

ANT 4316 Ethnic Diversity in the United States MW (3) AS ANT

PR: ANT 2410 or DPR. Special concerns include ethnic diversity in American society, historical and contemporary diversity in values, experiences, and lifestyles, and an examination of policies and problems affecting ethnic groups in the United States.

ANT 4323 Mexico and Central America (3) AS ANT

PR: ANT 2410. Restricted to Anthropology majors, LACS certificate students, juniors and seniors only. Focuses on the history, contemporary values and interpersonal relationships, and patterns of rural and urban life in Mesoamerica. Guatemala and Mexico are emphasized.

ANT 4340 The Caribbean 6A MW (3) AS ANT

PR: ANT 2410 or DPR. Restricted to junior and senior CAS majors. Main themes include: the depopulation of the aboriginal population and the resettlement of the area via slavery, indenture, and migration; contemporary ethnic heterogeneity; economic problems of Third World microstates; development of a modern social and political consciousness. Religious diversity, music, the graphic arts, and the literature of the contemporary Caribbean will also be surveyed.

ANT 4390 Visual Anthropology (3) AS ANT

PR: ANT 2410 and DPR. The use of photographic techniques for the crosscultural recording and analysis of human activities. The study of ethnographic photography as both art and science, and the production of an anthropological study that expresses the goal of "visual literacy." Review and evaluation of the uses of visual techniques and the evidence they provide to the social scientist.

ANT 4401 Exploring Cross-Cultural Diversity MW (3) AS ANT

For non-Anthropology majors only. This course will introduce students to anthropological perspectives which are useful in understanding the implications of cultural diversity related to changing demographic patterns within our country as well as to increasing globalization.

ANT 4432 The Individual and Culture 6A MW (3) AS ANT

PR: ANT 2410 or DPR. The relationship between the individual and society is studied cross-culturally. Main themes include child-rearing practices, psychosomatic illness and curing. Discussion of theories and models of personality development with special reference to their applicability to the emerging field of cross-cultural mental health planning.

ANT 4442 Urban Life and Culture (3) AS ANT

PR: ANT 2410 or DPR. The cross-cultural study of urbanization, urbanism and human problems associated with metropolitan environments. Emphasis on the ethnography of city life and its relationship to the practical applications of urban research.

ANT 4462 Health, Illness, and Culture (3) AS ANT

PR: ANT 2410 or DPR. The study of health and human behavior in cross-cultural perspective. Main themes include: the impact of disease on the development of human culture; comparative studies of curing practices; medical systems in their relationship to ideology. Emphasis on understanding the role of medicine, and the behavior of both practitioners and patients in modern societies.

ANT 4495 Methods in Cultural Research (3) AS ANT

PR: DPR. Restricted to juniors and seniors. The stages in the development and execution of ethnological research are discussed and practiced. Literature search, hypothesis formation, selection of data collection techniques, elicitation of information, data analysis, and report presentation are stressed. Research design models from the case literature are studied and supervised research in the local community is designed and carried out.

ANT 4520C Forensic Anthropology (4) AS ANT

This course is designed to familiarize students with forensic anthropology through lectures and lab work. Students will learn human skeletal biology for personal identification and cause of death. This course is restricted to majors and is not repeatable.

ANT 4586 Prehistoric Human Evolution NS (3) AS ANT

PR: ANT 2511 or DPR. A survey of the fossil record from the early primates through the ascent of Homo sapiens sapiens, focusing on the human lineage. Biosocial patterns and cultures of the past are also covered.

ANT 4587 Human Variation (3) AS ANT

PR: ANT 2511 or DPR. An overview of evolution and biological variations of human races. Anatomical, morphological, and physiological patterns are surveyed geographically. Cultural influences on racial biology are explored.

ANT 4620 Language and Culture 6A (3) AS ANT

PR: ANT 3610 or DPR. Examines the relationships between language and culture in cross-cultural perspective. Explores the extent to which languages shape the world views of their speakers. Emphasis on the nature and degree of fit between linguistics and other cultural systems of knowledge.

ANT 4701 Applied Anthropology (3) AS ANT

PR: ANT 2410 or DPR. A review of approaches applying the anthropological perspective to contemporary human problems. Particular emphasis placed on public policy issues in United States society. Discussion of the historical development of

- applied anthropology, problems of economic development of the Third World, and the ethics of applied research and intervention.
- ANT 4750 Language and Social Interaction 6A (3) AS ANT**
PR: ANT 3610 or DPR. Examines the role of language and other modes of communication in the social settings of speech communities. Student field projects focus on the cross-cultural description and analysis of patterns of communication in ethnographic contexts.
- ANT 4824 Archaeological Field Methods (4-12) AS ANT**
PR: ANT 3101, DPR. Offered as all or part of a summer (or other semester) field session. May or may not be combined with Florida Archaeology and Laboratory Methods in Archaeology. Students learn appropriate methods of archaeological survey, excavation, data and materials recovery, recording, and processing.
- ANT 4901 Directed Reading (1-4) AS ANT**
PR: DPR. S/U only. Individual guidance in concentrated reading on a selected topic in anthropology. Contract required prior to registration.
- ANT 4905 Individual Research (2-4) AS ANT**
PR: DPR. S/U only. Individual guidance in a selected research project. Contract required prior to registration.
- ANT 4930 Special Topics in Anthropology (3) AS ANT**
PR: DPR. Topics to be chosen by students and instructor permitting newly developing subdisciplinary special interests to be explored.
- ANT 4932 Honors Seminar (4) AS ANT**
PR: Admission to the honors program in anthropology and DPR. Seminar designed to provide the honors student with an opportunity to present, discuss and defend his/her own research and to explore in-depth topics in several areas of anthropology.
- ANT 4935 Rethinking Anthropology 6A (3) AS ANT**
PR: Senior standing with major in anthropology. Through discussion of readings and student papers, students rethink and reevaluate anthropology as a discipline and the integration of its branches and specialty fields. Students develop and articulate their current images of anthropology.
- ANT 4970 Honors Thesis (3) AS ANT**
PR: Admission to the honors program, completion of the honors seminar and DPR. S/U only. The student under the supervision of a faculty member will formalize, conduct, analyze, and report in writing a research project in anthropology.
- ARA 1120 Modern Arabic I (4) AS WLE**
CR: ARA 1120L. An intensive study of basic skills: pronunciation, listening comprehension, speaking and some composition.
- ARA 1120L Modern Arabic I Laboratory (1) AS WLE**
CR: ARA 1120. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously.
- ARA 1121 Modern Arabic II (4) AS WLE**
PR: ARA 1120 or its equivalent. CR: ARA 1120L. A continuation of ARA 1120. More sophisticated oral/aural skills are attained. Basic reading skills are acquired.
- ARA 1121L Modern Arabic II Laboratory (1) AS WLE**
CR: ARA 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.
- ARA 2200 Modern Arabic III (4) AS WLE**
PR: ARA 1121 or the equivalent. For language students who intend to attain basic proficiency.
- ARA 2201 Modern Arabic IV (4) AS WLE**
PR: ARA 2200 or the equivalent. Continuation of ARA 2200. Practice of writing, speaking and listening skills for language students who intend to attain basic proficiency.
- ARA 4905 Directed Study (1-5) AS WLE**
Departmental approval required. S/U only. Permits study options in Arabic not available in regularly scheduled curriculum at departmental discretion.
- ARA 4930 Selected Topics (1-5) AS WLE**
Departmental approval required. Course permits classes in Arabic not available in the regularly scheduled curriculum at departmental discretion.
- ARC 2131 Introduction to Architectural Design and Graphics FA (4) AR ARC**
An introduction to fundamental "critical thinking" and graphic communication skills in architecture.
- ARC 2211 Introduction to Architecture HP FA (3) AR ARC**
An introduction to the analysis and interpretation of the architecture and urban design of various cultures.
- ARC 2701 Architectural History I HP FA (3) AR ARC**

- Overview of the built environment from prehistory through the Middle Ages. Buildings and cities in their geographical, topographical, political, aesthetic, social, technological and economic context.
- ARC 2702 Architectural History II HP FA (3) AR ARC**
Overview of the built environment from the Middle Ages to the present. Buildings and cities in their geographical, topographical, political, aesthetic, social, technological and economic context.
- ARC 4784 The City 6A MW (3) AR ARC**
This course examines the history of the city, as both idea and reality, with a particular focus on Western cities, and the 20th century. The course is open to undergraduates and students in the Graduate Architecture Program.
- ARC 4931 Selected Topics in Architecture and Community Design (2-4) AR ARC**
Variable topics will be offered for pre-professional studies for students in the Liberal Studies Major/ALA Degree Program and as electives for other undergraduates.
- ARC 5175 Computer Technology (3) AR ARC**
PR: CC. Introduction to the application of computer technology in current architectural practice. The exploration of available software, programs, and computer services for word processing, information handling, specification writing, feasibility analysis, cost estimating, economic performance and life cycle cost analysis, project management (network programming and analysis), computer graphics, computer aided design and drafting.
- ARC 5216 The Building Arts (3) AR ARC**
PR: CC. Introduction to the man-made environment. The study and profession of architecture. The various facets of the process of shaping the built environment as it manifests itself in the different roles and specialization of the experts involved the process, and in the various academic courses that prepare the architect for practice.
- ARC 5256 Design Theory (3) AR ARC**
PR: DPR. Survey of major schools of thought in design theory, methods of design and problem-solving, and design research. The nature of the design activity and its recurring difficulties. The nature and different types of problems. Traditional approaches to problem-solving and design in architecture; recent systematic as well as intuitive approaches to problem-solving based on developments in other fields. Scientific method; the systems approach and design.
- ARC 5361 Core Design I (9) AR ARC**
PR: CC. First of two semester Design Fundamentals/Design Graphics sequence focusing on design abstractions and analysis of the factors influencing conceptual design. Emphasis is placed on ordering principles, pattern recognition and utilization, and figure-ground relationships. Development of craftsmanship, drawing as a means to design, and perceptual acuity are stressed.
- ARC 5362 Core Design II (9) AR ARC**
PR: ARC 5361, CC. Second of a two semester Design Fundamentals/Design Graphics sequence focusing on synthesis of design concepts and application of ordering principles in architectural design. Emphasis is placed on developing an understanding and awareness of architectural elements and compositions. Students examine the work of significant architects and use it as a basis for design exploration. Graphic documentation, diagramming, and model studies are stressed.
- ARC 5363 Core Design III (6) AR ARC**
PR: ARC 5362, ARC 5467, ARC 5587, ARC 5731. CO: ARC 5689. Study of the various phases of the building delivery and design process, and of different approaches to ordering that process in a systematic fashion. The student will use one such systematic approach in the investigation and development of design solutions for a project of moderate scale and complexity. Studies of built form ordering principles, mass/void relationships, scale and proportion, color, texture, contextual relationships, meaning/imagery, and building technology (awareness of structural organization, services networks, construction processes and materials). Aspects of human behavior as design determinants.
- ARC 5364 Advanced Design A (6) AR ARC**
PR: ARC 5363. CP: ARC 5588, ARC 5467. Application of orderly design processes to building projects of moderate complexity and scale. Continued investigation of the relationship between human behavior and the environment. Analysis and integration of site relationships into the development of design solutions. Legal aspects of zoning, building codes, and regulations regarding access for accessibility, fire escape, etc.
- ARC 5365 Advanced Design B (6) AR ARC**
PR: ARC 5363. CP: ARC 5588, ARC 5467. Investigation of the interaction between user requirements, environmental

determinants, site and urban context conditions, technological factors, and design intentions in the development of design solutions for projects of medium scale and complexity. The analysis, design, and coordination of the various resulting systems, including structural, circulation, service networks, space zoning and use, environmental control systems at the interface between interior and exterior of a building. Representation of these relationships and systems in diagrams and models, and their manifestation in design and construction details.

ARC 5366 Advanced Design C (6) AR ARC

PR: ARC 5363. CP: ARC 5588, ARC 5467. Design of multi-purpose buildings of medium to large scale and complexity. Issues of community and neighborhood design as they relate to the design of buildings. Restoration and adaptive re-use of existing historic buildings. Focus on thinking through as well as documenting the complete building system and process.

ARC 5467 Materials and Methods of Construction (4) AR ARC

PR: ARC 5470, CC. Overview of properties of primary materials and construction systems which comprise building structure and enclosure. Emphasis on interface and connection of elements and assemblies, relative to climate, assembly processes, costs, codes, and craftsmanship. Lab sessions include field trips to manufacturing facilities, construction sites, and preparation of drawings and models of assemblies.

ARC 5470 Introduction to Technology (3) AR ARC

Introduction to architectural technology, including structures, materials and methods of construction, and environmental controls. Overview of building systems and components and their integration into architectural design projects.

ARC 5587 Structures I (3) AR ARC

PR: Calculus, Physics, and ARC 5470, CC. Review of static and mechanical principles of materials. Analysis and evaluation for appropriate selection of structural systems and elements. Analysis and design of timber and steel structures, based on moment, shear, and deflection. Fundamentals of wind and seismic design as they apply to wood and steel construction. Truss analysis, beam and column behavior.

ARC 5588 Structures II (3) AR ARC

PR: ARC 5587, CC. Introduction to the concepts and theories of structural analysis and design of reinforced concrete systems and elements, including practical application in building construction. Prestressing, post-tensioning, hybrid assemblies. Fundamentals of wind and seismic design. Formwork, placement, and assembly techniques.

ARC 5689 Environmental Technology (4) AR ARC

PR: Physics, ARC 5470, CC. Comprehensive review of mechanical, electrical, and plumbing systems for buildings. Energy utilization, heating and cooling, water delivery and waste removal, fire protection, illumination, transportation systems, and acoustics. Lab exercises include computer simulations, illumination studies, thermal performance studies.

ARC 5731 Architectural History I (3) AR ARC

Overview of the built environment from prehistory through the Middle Ages. Buildings and cities in their geographical, topographical, political, aesthetic, social, technological and economic context. Varieties of methodological approaches to the analysis of historical architecture. The focus will be on the built environment of Europe and the Mediterranean basin.

ARC 5732 Architectural History II (3) AR ARC

Overview of the built environment from the Renaissance to the present. Buildings and cities in their geographical, topographical, political, aesthetic, social, technological, and economic context. Study of various methodological approaches to the analysis of historic architecture, and development of student's own approach. Emphasis will be on the built environment of Europe and America.

ARC 5789 Modern Architecture History (3) AR ARC

PR: CC, CI. Exploration of the philosophic, economic, aesthetic, social, historical and moral imperatives used by modern architects and historians in their attempt to design the appropriate physical environment for a new social order. The course will investigate the writings and works of the proponents of the modern style of architecture and study the "New Architecture" as defined by those who broke tradition and expressed the new era using modern construction materials and techniques.

ARC 5793 History Abroad (3) AR ARC

PR: CC. Summer study abroad. Location and description varies from year to year.

ARC 5794 Florida Architectural History (3) AR ARC

An examination of the environmental, sociological, technological, political, economic, cultural, and other factors that influenced the

discovery, growth, and urbanization of Florida as manifested by its architecture.

ARC 5920 Architectural Design Studio Abroad (5) AR ARC

PR: CC. Summer study abroad. Location and description varies from year to year.

ARC 5931 Special Studies in Architecture (1-5) AR ARC

PR: CC. Variable titles offered on topics of special interest.

ARE 3044 Experiential Basis of Artistic Mind (3) VP ART

Designed to awaken the language of image and metaphor, with emphasis on the internal and expressive aspects of art as well as their application in the schools and the community.

ARE 3354 Art Teaching Strategies I (3) VP ART

PR: ARE 3044. A combination of theory, philosophy and practice in both public and private learning centers to provide the student with a variety of teaching concepts and media exploration in art education and to further enable the student to understand stages of young people, three to eighteen.

ARE 4313 Art For the Child and You (2) VP ART

Art and the intellectual, creative, emotional, and aesthetic growth of children.

ARE 4341 Art Teaching Strategies II (3) VP ART

Media and the learning process will be explored through photographic arts, cinematography and video systems. Teaching strategies and media criticism for application at elementary and secondary levels.

ARE 4443 Crafts Workshop in Art Education (3) VP ART

PR: ARE 3044. The study and practice of processes and media involved with the exploration and expression of cultural traditions and individual ideas through crafts.

ARE 4642 Community Arts (3) VP ART

PR: ARE 3044. Explores the arts as infrastructure through identification, Exploration and experimentation of/with unique community spaces, populations and new environments for and learning in the arts.

ARE 4909 Directed Study: Art Education (1-3) VP ART

PR: Senior standing. Directed study contract required. Designed to extend teaching competencies in the field of art education.

ARE 4936 Senior Seminar in Art Education (2) VP ART

PR: Senior standing. CR: ARE 4940. Synthesis of teacher candidate's courses in complete college program.

ARE 4940 Internship: Art Education (1-12) VP ART

CR: ARE 4936. S/U only. One full semester of internship in a public or private school. In special programs where the intern experience is distributed over two or more semesters, students will be registered for credit which accumulates from 9 to 12 semester hours.

ARH 2050 History of Visual Arts I HP FA (3) VP ART

PR: DPR. A survey of World Art to AD 1300. Students are introduced to problems of analyzing and interpreting the art of various cultures without making the Western perspective a privileged one. Open to non-majors.

ARH 2051 History of Visual Arts II HP FA (3) VP ART

PR: DPR. A survey of World Art since 1300. Students are introduced to problems of analyzing and interpreting the art of various cultures without making the Western perspective a privileged one. Open to non-majors.

ARH 3001 Introduction To Art HP FA (4) VP ART

An expanded introductory treatment of basic concepts. For non-art majors.

ARH 3475C Contemporary Issues in Art HP FA MW (4) VP ART

PR: DPR. Focuses upon the productions, themes and processes of artists working in the present time. This course will investigate the relationship of materials and media used by contemporary artists to the subject and content of artists' productions/products as well as conceptual processes.

ARH 4115 Ancient Egyptian and Near Eastern Art (4) VP ART

PR: ARH 2050 recommended but not required. A study of the art and cultures of ancient Egypt and the Near East, from the prehistoric period through the conquests of Alexander the Great.

ARH 4130 Greek Art (4) VP ART

PR: ARH 2050 or EUH 2011 recommended but not required. A comprehensive study of ancient Greek sculpture, painting, architecture, and other artistic media from the Bronze Age through the Hellenistic period.

ARH 4151 Roman Art (4) VP ART

PR: ARH 2050 or EUH 2011 recommended but not required. A comprehensive study of ancient Roman sculpture, painting, architecture, and other artistic media from the founding of Rome through the reign of Constantine.

ARH 4170 Greek and Roman Art (4) VP ART

A comprehensive study of Aegean, Mycenaean, Etruscan, Greek and Roman painting, sculpture and architecture.

ARH 4200 Medieval Art (4) VP ART

PR: DPR. A comprehensive study of early Christian, Byzantine and Medieval painting, sculpture, architecture and manuscript illumination.

ARH 4301 Renaissance Art (4) VP ART

PR: DPR. A comprehensive study of Renaissance and Mannerist painting, sculpture and architecture in Italy and Northern Europe.

ARH 4318 Venetian Art (4) VP ART

PR: DPR. Major monuments of Venetian art are examined to elucidate the importance of Venice as the crossroads of cultural exchange between Islam, Byzantium, and the West, and the importance of Venetian art to the history of art and art criticism.

ARH 4350 Baroque and Rococo Art (4) VP ART

PR: DPR. A comprehensive study of the painting, sculpture and architecture in France, Italy, Spain and the Netherlands in the seventeenth and early eighteenth centuries.

ARH 4430 Nineteenth Century Art (4) VP ART

PR: ARH 2051. A comprehensive study of nineteenth century painting, sculpture and architecture in America and Europe. Gender/multicultural issues and methodologies in 19th century art are emphasized.

ARH 4450 Twentieth Century Art (4) VP ART

PR: ARH 2051. A comprehensive study of painting, sculpture and architecture from Cezanne to the present in Europe and the United States. Required of all art majors.

ARH 4455 Modern Political Iconography MW (4) VP ART

PR: DPR. The course explores art in which political themes are considered to be the source and determinant of aesthetic decisions. The dominant iconographic theme is the iconography of revolution, rebellion, and other forms of political struggle in 20th Century art and film.

ARH 4520 African Art (4) VP ART

PR: DPR. A combination of survey, comparative study and in-depth analysis of African sculpture, mainly from West and Central Africa. Emphasis on diversity of forms and contexts, functions, symbolism and meanings.

ARH 4547 Buddhist Art (4) VP ART

PR: DPR. This course examines one important aspect of Asian artistic production. Buddhist Art begins in India and travels via the Himalayas and Southeast Asia to East Asia, touching on artistic expression of major principles and practices, changes in art as the religion comes in contact with pre-existing cultures, and modern artistic practice.

ARH 4557 Chinese Art (4) VP ART

PR: DPR. Chinese Art proceeds chronologically, from the Neolithic era up to the contemporary art world. The course considers cultural, linguistic, technical, philosophic, political and religious influences on the art works produced by this ancient society.

ARH 4710 History of Photography 6A MW (4) VP ART

PR: ARH 2051. Comprehensive overview of the history of photography from its inception to the present day with an emphasis on the relationship of photography to the visual arts and popular culture.

ARH 4721C History of Printmaking 6A (3) VP ART

The history of Western printmaking from the Middle Ages to contemporary times, with an emphasis on artmaking technology and research, cultural perspectives and theoretical/critical analytical capabilities. The course is open to majors and non-majors. It is not repeatable for credit.

ARH 4724 History of Graphic Design 6A (4) VP ART

This course surveys the design profession and the graphic design discipline. Students will explore graphic styles from the turn of the century to contemporary works, highlighting the innovations of influential designers throughout history.

ARH 4744 Selected Topics In The History of Film (4) VP ART

In-depth investigation of a selected period, development, or school in the history of film as art.

ARH 4800 Critical Studies In Art History 6A (4) VP ART

PR: Two advanced Art Histories. Specialized intensive studies in art history. Specific subject matter varies. To be announced at each course offering.

ARH 4890 Paris Art History (4) VP ART

PR: Minimum 8 hours of art history at the undergraduate level or equivalent. CI. This course will explore issues central to the history and criticism of art through the rich visual culture of Paris. Themes will include art and national identity, orientalism, the avant-garde and the role of the museum in the evolution of modern art.

ARH 4930 Art History: Selected Topics (2-4) VP ART

Lecture/discussion course designed to offer areas of expertise of visiting scholars or specific interests of resident faculty.

ARH 4937 Seminar In The History Of Art History (4) VP ART

PR: Four courses in Art History at the 4000 level, DPR. An examination of the origins of Art History as a discipline and changing nature of Art History from Vasari to the present.

ARH 5451 Cultural and Intellectual History of Modern Art (4) VP ART

PR: CI. A course in which theories of modern artists and of critics and historians of Modernism are treated as a part of general cultural and intellectual history.

ARH 5797 Gallery and Museum Internship (2-6) VP ART

Students are eligible after completing one semester in the program. S/U only. Registration by contract only. By working in Bay Area museums or galleries, students will become familiar with various museological operations. Internships vary owing to the work at hand in particular museums, but possible areas of work include registration, installation, conversation, writing of grants, or museum education.

ARH 5813 Methods of Art History (4) VP ART

Must be taken during the student's first two semesters in the M.A. program. This course introduces students to various methods which art historians have used to analyze the form and content of individual works of art, and to various modes of historical explanation.

ARH 5833 The Atelier, Its Management and History (3) VP ART

This class will consider the history of printmaking and other forms of collaborative art production through the prism of the atelier and its management.

ARH 5836 Collection and Exhibition Management (3) VP ART

PR: Art Advisor's Approval This class will introduce students to the basic principles of collections care and management and to the intellectual and practical tasks of preparing an exhibition. Sessions will include art handling, registration and condition reporting, preparing works of art for transit, environmental standards for collections storage and exhibition, and the professional responsibilities of the curator.

ARH 5839 Problems in Museum Studies (3) VP ART

PR: Art Advisor's Approval This class is designed as both an academic and theoretical course to introduce students to the museum profession and develop critical thinking skills required to solve problems in the rapidly changing typography of museums. Students will develop managerial and administrative skills as they meet with and discuss the job descriptions of curators, educators, collection managers, marketing professionals, exhibit designers, registrars, and fundraisers.

ART 2201C Fabrications I FA (3) VP ART

An introduction to basic visual art studio concepts. Topics include the nature of art, the visual language of its form, modes of representation, and visual art theory. Studio problems supplemented by lecture and discussion. Emphasis on images of implied time and space.

ART 2203C Fabrications II FA (3) VP ART

PR: ART 2201C (for majors). No prerequisites for non-majors. This course will synthesize and expand on the groundwork laid in Fabrications I, which is pre-requisite for majors, but not for non-majors. Fabrications II will focus on the significance of meaning and how it is constructed visually by researching 3 phases; I - the personal in images, We - images of cultural ideas, and They - images produced through collaboration.

ART 2301C Beginning Drawing (3) VP ART

PR: Majors Only. Projects exploring the methods, media, and concepts of drawing.

ART 2400C Beginning Printmaking (3) VP ART

PR: Majors Only. This course is designed as an introduction to the medium of printmaking. It concentrates on the technical production of various print media including: intaglio, relief, monoprint and serigraphy (screen printing).

ART 2500C Beginning Painting (3) VP ART

PR: Majors Only. Projects in painting with emphasis on the exploration of methods and media and the development of individual concepts.

ART 2701C Beginning Sculpture (3) VP ART

PR: Majors Only. Projects in sculpture with emphasis on contemporary theory and issues, the development of individual concepts and the exploration of materials, tools and processes.

ART 2750C Beginning Ceramics (3) VP ART

PR: Majors Only. An introduction to the use of ceramic materials as a means of self expression and critical exploration.

ART 2930 Selected Topics In Art (2-4) VP ART

PR: Majors Only. The content of this course will be determined by student demand and instructor interest. Open University offerings under this number may not be counted for degree credit for art majors.

ART 3222C Intermediate Electronic Media (3) VP ART

322 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

- PR: ART 2201C, ART 2203C, ART 2301C, ART 3310C, ART 3610C, ARH 2050, ARH 2051. An intermediate exploration of the issues and practices involved in the creation of experimental computer art. The course focuses on an interdisciplinary approach to electronic media while developing individual creative growth. Repeatable up to 15 hours.
- ART 3310C Intermediate Drawing (3) VP ART**
PR: ART 2301C. Permit required. Majors Only. An extension of the skills and concepts introduced in Beginning Drawing with an emphasis on individual experimentation and the development of advanced critical and technical skills in the discipline. Repeatable up to 15 hours.
- ART 3380C Selected Topics in Drawing (3) VP ART**
PR: ART2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C. Majors Only. Selected Topics in Drawing is an intermediate course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.
- ART 3401C Intermediate Printmaking (3) VP ART**
PR: ART 2201C, ART 2203C, ART 2301C, ART 2400C, ART 3310C, ARH 2050, ARH 2051. This course concentrates on developing intermediate skills in printmaking with particular emphasis on conceptual topics. The course is intended for majors. Repeatable up to 15 hours.
- ART 3461C Selected Topics in Printmaking (3) VP ART**
PR: ART2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2400C, ART 3401C. Majors Only. Selected Topics in Printmaking is an intermediate course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.
- ART 3465 Digital Printmaking (4) VP ART**
PR: ART 3610C or ART 2400C. Majors Only. An investigation of printmaking using the computer as a design interface between electronic and traditional printmaking processes. Repeatable up to 9 hours.
- ART 3530C Intermediate Painting (3) VP ART**
PR: ART 2201C, ART 2203C, ART 2301C, ART 2500C, ART 3310C, ARH 2050, ARH 2051. An extension of the skills and concepts introduced in Beginning Painting with an emphasis on individual experimentation and the development of advanced critical and technical skills in the discipline. Repeatable up to 15 hours.
- ART 3560 Selected Topics in Painting (3) VP ART**
PR: ART2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2500C, ART 3530C. Majors Only. Selected Topics in Painting is an intermediate course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.
- ART 3610C Beginning Electronic Media (3) VP ART**
PR: Majors Only. An Introductory exploration of the issues and practices involved in the creation of experimental computer art. The course focuses on an interdisciplinary approach to electronic media.
- ART 3635 Selected Topics in Electronic Media (3) VP ART**
PR: ART2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 3612, ART3222C. Majors Only. Selected Topics in Electronic Media is an intermediate course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.
- ART 3704C Intermediate Sculpture (3) VP ART**
PR: ART 2201C, ART 2203C, ART 2301C, ART 2701C, ART 3310C, ARH 2050, ARH 2051. This course expands upon the principles and processes introduced in Beginning Sculpture, developing a higher level of technical competence and critical sophistication. Repeatable up to 15 hours.
- ART 3712C Multiples, Molds, and Bronzecasting (3) VP ART**
PR: ART 2701C and ART 3704C. Majors Only. Continued studies and projects in sculpture with an emphasis on the nature of multiples explored through advanced mold making and bronzecasting. This course may not be repeated for credit. The conceptual implications of the multiple will be taught through reading, lecture, discussion and demonstration.
- ART 3735 Selected Topics in Sculpture (3) VP ART**
PR: ART2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2701C, ART 3704C. Majors Only. Selected Topics in Printmaking is an intermediate course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Repeatable up to 15 hours.
- ART 3761C Intermediate Ceramics (3) VP ART**
PR: ART 2201C, ART 2203C, ART 2301C, ART 2750C, ART 3310C, ARH 2050, ARH 2051. Intermediate problems in ceramics and emphasis on the exploration of methods and media and the development of individual concepts. Repeatable up to 15 hours.
- ART 3781C Selected Topics in Ceramics (3) VP ART**
PR: ART2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2750C, ART 3761C. Selected Topics in Printmaking is an intermediate course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.
- ART 3843C Site, Installation, and Performance (3) VP ART**
PR: ART 2701C and ART 3704C. Majors Only. Continued studies and projects in sculpture with an emphasis on site-specific sculpture, installation and performance. A critical and cultural awareness of contemporary issues and media in sculpture will be developed through studio projects assigned readings, discussions, critiques and demonstrations. The course may not be repeated for credit.
- ART 3935 Studio Techniques: Selected Projects (2) VP ART**
PR: DPR. Concentration in specialized technical data and process. Repeatable.
- ART 3939 The Real World (3) VP ART**
Restricted to studio majors. Offers studio students the opportunity to analyze their experiences as art majors and explore options available to visual artists upon completion of their degree.
- ART 4320C Advanced Drawing (3) VP ART**
PR: 9 hours of Intermediate courses in the discipline and a 3.25 major GPA or DPR. Majors Only. Continued projects in drawing. Repeatable.
- ART 4402C Advanced Printmaking (3) VP ART**
PR: 9 hours of Intermediate courses in the discipline and a 3.25 major GPA or DPR. Majors Only. This course is designed as an advanced printmaking studio and emphasizes content and meaning in visual imagery. The student is encouraged to work in a specific printmaking medium (intaglio, relief, lithography or screen printing) and develop a cohesive series of images. Repeatable.
- ART 4520C Advanced Painting (3) VP ART**
PR: 9 hours of Intermediate courses in the discipline and a 3.25 major GPA or DPR. Majors Only. Continued projects in painting. Repeatable.
- ART 4611C Advanced Electronic Media (3) VP ART**
PR: 9 hours of Intermediate courses in the discipline and a 3.25 major GPA or DPR. Majors Only. Advanced exploration of issues and practices involved in the creation of experimental computer art. The course continues as interdisciplinary approach to electronic media with a focus on individual and group projects. Repeatable.
- ART 4616 Computer Animation (4) VP ART**
Exploration of issues and practices involved in the creation of computer animations, focused on individual creative growth.
- ART 4634C Visual Design for the Internet (3) VP ART**
Restricted to majors. This upper level course builds upon the concepts students encountered in the introductory level graphic design courses and focuses upon web content creation and animation techniques.
- ART 4710C Advanced Sculpture (4) VP ART**
PR: ART 3704C, ART 3843C, ART 3712C and a 3.25 major GPA. Majors Only. Continued problems in sculpture. Repeatable.
- ART 4782C Advanced Ceramics (3) VP ART**
PR: 9 hours of Intermediate courses in the discipline and a 3.25 major GPA or DPR. Majors Only. Continued problems in ceramics. Repeatable.
- ART 4806 Theme Studio (3) VP ART**
PR: Majors Only. All preparation courses plus course in Studio Workshop I.
- ART 4814 Paris Art Studio (3) VP ART**
PR: ART 2201C or equivalent. This course will explore contemporary and historic Paris as a subject and source for artmaking, drawing upon a range of concepts and strategies that emphasize imaginative encounters with its space, streets, museums, architecture and people.
- ART 4900 Directed Reading (4) VP ART**
PR: Cl. Registration by contract only. A course of reading and study in an area of special concern governed by student demand, instructor interest and/or department requirements. Registration is by contract only. Repeatable.
- ART 4905 Directed Study (1-4) VP ART**

PR: CI, DPR. Registration by contract only. Independent studies in the various areas of Visual Arts. Course of study and credits must be assigned prior to registration. Repeatable.

ART 4925 Media Workshop: Design Production (3) VP ART

PR: Graphic design majors only. This upper level technology course will develop in-depth understanding of graphic software and print production techniques. Students will review software programs, file preparation requirements, and print production standards.

ART 4930 Selected Topics In Art (2-4) VP ART

PR: DPR. The content of this course will be determined by student demand and instructor interest. Open University offerings under this number may not be counted for degree credit for art majors. Repeatable.

ART 4940 Extended Studies (1-4) VP ART

Extended Studies requires students to engage in art-related activities that expand upon their traditional academic experience. It is by contract and may involve internship and/or foreign studies. The course is restricted to majors. Not repeatable.

ART 4970C Senior Thesis (2) VP ART

PR: DPR, CI. The creation of a coherent body of advanced level artwork that is supported by a written document describing processes working procedures, research, context and content of the artwork itself. The course is restricted to majors, and is required of all B.F.A. candidates.

ART 5390C Drawing (4) VP ART

PR: ART 4320C, CI, DPR. Advanced problems in various drawing techniques. Emphasis on individual creative expression. Repeatable.

ART 5422C Lithography (4) VP ART

PR: ART 4402C, CI, DPR. Advanced problems in various lithographic techniques. Emphasis on individual creative expression. Repeatable.

ART 5448C Intaglio (4) VP ART

PR: CI. Registration by contract only. Investigations into more complex intaglio processes including photoengraving and color printing procedures. Emphasis on personal conceptual development in graphic media.

ART 5580C Painting (4) VP ART

PR: CI. Registration by contract only. Research in painting

ART 5740C Sculpture (4) VP ART

PR: ART 2701C, DPR. Advanced problems in the various techniques of sculpture. Emphasis on individual creative expression. Repeatable.

ART 5790C Ceramics (4) VP ART

PR: ART 2750C, DPR. Advanced problems in the various ceramic techniques, including throwing and glaze calculation. Repeatable.

ART 5910 Research (1-4) VP ART

PR: CI, DPR. Registration by contract only. Repeatable.

ART 5936 Studio Techniques: Selected Projects (2) VP ART

PR: DPR. Concentration in specialized media or processes. Repeatable.

ASH 2270 Southeast Asian History (3) AS HTY

This course examines the origins and development of the major Southeast Asian cultures over the past two millennia, focusing particularly on the transformation of small communities into modern states and the factors that facilitated this process.

ASH 3404 Modern China SS HP AF (4) AS HTY

Political, economic, and social history of China from the time of the first major Western contacts (17th-18th Centuries) through the consolidation of socialism in the late 1950's, and the Great Leap Forward.

ASN 3012 Japan Today SS (3) AS INT

Area study courses are multi-disciplinary in nature and deal with one or more countries of a region. Each course combines some measure of political, economic, historical, religious, geographic, anthropological, and sociological analysis in dealing with salient features and current problems.

ASN 3014 China Today AF (3) AS INT

Area study courses are multi-disciplinary in nature and deal with one or more countries of a region. Each course combines some measure of political, economic, historical, religious, geographic, anthropological, and sociological analysis in dealing with salient features and current problems.

ASN 3030 The Middle East AF (3) AS INT

Area study courses are multi-disciplinary in nature and deal with one or more countries of a region. Each course combines some measure of political, economic, historical, religious, geographic, anthropological, and sociological analysis in dealing with salient features and current problems.

AST 2003 Astronomy of the Solar System NS (4) AS AST

Introduction to the Astronomy of the Solar System. No Physics background assumed. Topics covered include properties of light, stellar coordinates, timekeeping, eclipses, formation and dynamics of the solar system, properties of the sun and planets, space exploration of planets and the moon, life on other worlds. This course is complementary to but independent of AST 2006. Either may be taken before the other or taken by itself.

AST 2004 Stellar Astronomy and Cosmology NS (4) AS AST

An introduction to Astrophysics and the structure of the universe. No Physics background assumed. Topics covered include properties of light, stellar coordinates, measurement of the physical properties of stars, formation, structure and evolution of stars, normal and peculiar galaxies, cosmology. This course is complementary to but independent of AST 2005. Either may be taken before the other or taken by itself.

AST 2032C Illustrative Astronomy (3) AS AST

Constellations, use of small telescopes, etc., apparent motions of celestial objects, comets and meteors, seasons, weather. Current events in the space program. Planetarium and open sky demonstrations.

AST 3033 Contemporary Thinking in Astronomy NS (3) AS AST

PR: Junior or Senior Standing or CI. Seminar designed to assist the layman, with no scientific background, in comprehending contemporary developments in Astronomy. Necessary background material is provided by the instructor and a text. Topics covered in recent years include the space program, pulsars, x-ray astronomy, black holes, extra-terrestrial life, interacting galaxies, cosmology.

AST 3044 Archaeoastronomy (3) AS AST

PR: Jr. or Sr. Standing or CI. Astronomical concepts and observational techniques used by prehistoric/ancient peoples for detecting change of seasons, constructing calendars, predicting eclipses, etc. Particular attention is given to Stonehenge, and to works of N.A. Indians, the Maya and Aztecs, and the Egyptians. Lec.-Lab.

AST 3652 Navigation (3) AS AST

PR: Some knowledge of geometry, algebra, and trigonometry. Timekeeping, use of sextant, constellations, celestial navigation with minimum equipment, spherical astronomy.

AST 3930 Selected Topics in Astronomy (1-4) AS AST

PR: CI. Course content will depend upon the interest of the faculty member and student demand.

AST 5506 Introduction to Celestial Mechanics (3) AS AST

PR: MAC 2313 or MAC 2283 and some knowledge of differential equations, or CI. The two-body problem, introduction to Hamiltonian systems and canonical variables, equilibrium solutions and stability, elements of perturbation theory.

AST 5932 Selected Topics in Astronomy (1-5) AS AST

PR: Senior or advanced junior standing or CI. Intensive coverage of special topics to suit needs of advanced students.

BCH 3023 Introductory Biochemistry (3) AS CHM

PR: CHM 2200 or CHM 2211 and BSC 2010. Introduction to the chemistry and intermediary metabolism of biologically important substances. Lec.

BCH 3023L Basic Biochemistry Laboratory (2) AS CHM

CR: BCH 3023. Practical work in determination and characterization of important biomolecules. Lec.-lab.

BCH 4034 Advanced Biochemistry (3) AS CHM

PR: BCH 3023. An advanced undergraduate course emphasizing such topics as metabolic regulation, DNA and RNA structure and function, receptors, channels, antibodies, and contraction.

BCH 5045 Biochemistry Core Course (3) AS CHM

PR: Either CHM 2211, CHM 2211L, and CHM 3400 or CHM 4410 or graduate standing. A one-semester survey course in biochemistry for graduate students in chemistry, biology, and other appropriate fields and for particularly well-qualified undergraduates. Lec.

BCH 5105 Biochemistry Laboratory Rotations (1-3) AS CHM

A course in which first year graduate students rotate through selected professor's laboratories to learn techniques, become familiar with ongoing research in the Department and facilitate the selection of a mentor.

BME 5000 Introduction to Biomedical Engineering (3) EN ECH

PR: Senior or GS standing in engineering or CI. Open to non-engineering students with CI. Introduction to biomedical engineering, including human subject material and energy balances, biomaterials, biocompatibility, cell level and organ level modeling, prosthetic devices, and clinical engineering.

BME 5006 Theory and Design of Bioprocesses (3) EN ECH

PR: Senior standing in engineering or CI. Open to majors and non-majors with CI. Introduction to biotechnology, including applied

microbiology, enzyme technology, biomass production, bioreactor design, and transport processes in biosystems.

BME 5040 Pharmaceutical Engineering (2) EN ECH

PR: Senior or graduate standing in engineering or CI. Introduction to pharmaceutical engineering, including dosage forms (tablets, capsules, powders, liquids, topical forms, and aerosols), excipients, regulatory issues, clinical studies, and good manufacturing practices.

BME 5910 Directed Research in Bioengineering (1-3) EN ECH

PR: CI. Directed research in an area of biomedical engineering or engineering biotechnology.

BME 5937 Selected Topics in Biomedical Engineering (1-3) EN ECH

PR: Senior or GS standing in Engineering or CI. Open to non-engineering students with CI. Selected topics in biomedical engineering, including biomedical engineering, biomedical materials, biodynamics of circulation, separation processes in biomedical systems, and artificial organ systems. May be taken by non-engineering students with CI. Repeatable as subjects vary.

BMS 4402 Principles of Human Pharmacology NS (3) ME MSG

Not available on S/U basis. Pharmacodynamics (effects), pharmacokinetics (absorption, distribution, metabolism, excretion) and side effects/toxicity of drugs. Designed to provide basic understanding of mechanism of drug action resulting from modifying biologic processes.

BMS 5015 Clinical Diagnosis and Reasoning (var.) ME MSG

This course aims to provide the student with the opportunity to "think like a physician." It will provide the venue to integrate clinical diagnosis/reasoning strategies with complementary aspects of clinical problem solving/physiological diagnosis/evidence-based medicine.

BMS 5190 Anatomy by Diagnostic Testing (1-20) ME MSG

Describing normal human anatomy in three dimensions (frontal, coronal, and axial), using contrast medical and imaging modalities available for diagnostic radiologists. Course will be oriented to organ systems describing anatomy of the organ and its vasculature and topographic anatomy. It will include didactic lecture series and a standing display of images for self-studies. Plain radiographs, contrast studies of gastrointestinal and urinary tract, arteriograms, computed tomograms, magnetic resonance, and ultrasound scans of body organs will be displayed.

BOT 3373C Vascular Plants: Form and Function (4) AS BIO

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L. Introduction to morphology, physiology and evolution of vascular plants, integrating form and function to understand diversity. Lec.-lab.

BOT 3850 Medical Botany (3) AS BIO

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, CHM 2210, MAC 1105 or higher-level MAC course or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3714. Study of agents that are produced by plants and that are toxic or psychoactive in human beings or are useful as remedies. Lecture only.

BOT 4152C Field Botany (3) AS BIO

PR: BOT 3373C. Identification and classification of native and naturalized flowering plants of Florida including historical, climatic and floristic aspects of plant communities. Conducted largely in the field.

BOT 4223C Plant Anatomy (3) AS BIO

PR: BOT 3373C. Comparative studies of tissue and organ systems of fossil and present-day vascular plants. Functional and phylogenetic aspects stressed. Lec.-lab.

BOT 4434C Mycology (3) AS BIO

PR: BOT 3373C or MCB 3020C. A survey of the fungi with emphasis on their taxonomy, morphology, physiology and economic importance. Lec.-lab.

BOT 4503 Plant Physiology (3) AS BIO

PR: BOT 3373C, PCB 3023, PCB 3043, or PCB 3063. Fundamental activities of plants; absorption, translocation, transpiration, metabolism, growth, and related phenomena.

BOT 4503L Plant Physiology Laboratory (1) AS BIO

CP: BOT 4503. Laboratory portion of Plant Physiology.

BOT 4810C Economic Botany (3) AS BIO

PR: BOT 3373C. Study of the uses of plants by man for food, chemicals, fibers, and medicines.

BOT 5185C Marine Botany (4) AS BIO

PR: BOT 3373C, PCB 3043 or CI. A field course in marine plants with emphasis on ecology and functional morphology. Field work will stress the ecological aspects of plants in a subtropical marine environment in Florida. Lec/Lab.

BOT 5725C Evolution of Flowering Plants (3) AS BIO

PR: BOT 3373C and BOT 4152C or CI. A study of the evolution and phylogeny of the Angiosperms; the origin and nature of early angiosperms, "primitive" angiosperms today; evolutionary

processes leading to the origin of genera, families and orders, trends of specialization in the angiosperms; phylogenetic analysis, cladistics, traditional approaches, new approaches; readings from the current and historical literature. Lec/Lab.

BSC 1005 Principles of Biology For Non-Majors NS (3) AS BIO

No credit for Biology majors. Lectures and demonstrations of selected biological principles, usually taught by television.

BSC 2010 Biology I - Cellular Processes NS (3) AS BIO

CP: BSC 2010L and CHM 2045. The course is designed for majors and has a laboratory associated with the lecture. An analysis of biological systems at the cellular and subcellular levels: cell structure and function, respiration, photosynthesis, mitosis and meiosis, genetics and gene expression.

BSC 2010L Biology I Cellular Processes Laboratory (1) AS BIO

CR: BSC 2010. Laboratory portion of Biology I Cellular Processes relating to cellular and subcellular structure and function. Mitosis, meiosis, and Mendelian genetics will be stressed.

BSC 2011 Biology II - Diversity NS (3) AS BIO

PR: BSC 2010 and BSC 2010L. An analysis of biological systems at the organismal level: evolution, speciation, history of life, and ecology.

BSC 2011L Biology II Diversity Laboratory (1) AS BIO

CR: BSC 2011. Laboratory portion of Biology II Diversity relating to organismal structure and function. Microscopy, as well as, plant and animal development will be stressed.

BSC 2022 Biology of Aging NS (3) AS BIO

An introduction to the basic biology of aging. Emphasis will be placed on understanding basic principles of biology relevant to time and the aging process which begins at birth. May be taken by majors for free elective credit.

BSC 2025 Food: Personal and Global Perspectives NS (3) AS BIO

May be taken by biology majors for free elective credit. The application of basic biological principles to human nutritional problems; to learn how various cultures achieve adequate nutrition and how environmental changes impact both personal and global nutrition.

BSC 2030 Save The Planet: Environmental Sciences NS (3) AS BIO

Credit will be given for BSC 2030 or BSC 2050, but not both. An introduction to environmental sciences using mass communications and independent study. Emphasis will be placed on understanding basic principles of ecology relevant to problems and topics of the earth's environment. May be taken by majors for free elective credit.

BSC 2035 Sex and Today's World NS (3) AS BIO

The application of basic biological principles to female and male sexual behavior and reproduction; current social problems are treated from a biological perspective. May be taken by majors for free elective credit.

BSC 2050 Environment NS (3) AS BIO

Credit will be given for BSC 2030 or BSC 2050, but not both. The application of basic scientific principles to global environmental problems; how human activities impact the environment. May be taken by majors for free elective credit.

BSC 2093C Human Anatomy and Physiology I (4) AS BIO

PR: BSC 2010, BSC 2010L and BSC 2011, BSC 2011L. This course is the first half of a two-semester series introducing the structure and function of the human body's major organ systems. Cellular and cardiac physiology, nervous, endocrine, skeletal, and muscular systems will be covered. May be taken by Departmental majors for free elective credit only.

BSC 2094C Human Anatomy and Physiology II (4) AS BIO

PR: BSC 2093C. This course is the second half of a two-semester series introducing the structure and function of the human body's major organ systems. The following body systems will be covered: circulatory, lymphatic, immune, respiratory, digestive, urinary, and reproductive. May be taken by Departmental majors for free elective credit only.

BSC 2932 Selected Topics in Biology (1-4) AS BIO

BSC 2938 Honors Seminar I (1) AS BIO

PR: BSC 2010, BSC 2010L & CHM 2045. CR: BSC 2011, BSC 2011L. Enrollment is limited to Department of Biology Honors students. Course is designed to introduce Honors students to various research fields and current research in the Department. Faculty members present research seminars and discuss their work.

BSC 3312C Introduction to Marine Biology (3) AS BIO

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L. A survey of the marine environment, the types of organisms found inhabiting a variety of marine habitats, and the adaptations of the organisms

- to those habitats. Emphasis is placed on shallow water Florida environments.
- BSC 4057 Environmental Issues MW (3) AS BIO**
Not for major's credit. Study of biological, economic, ethical, legal, political and social issues relating to current environmental problems.
- BSC 4313C Advanced Marine Biology (4) AS BIO**
PR: BSC 3312C A detailed analysis of marine environment in the Tampa Bay or surrounding area. Field and laboratory work will provide direct experience with the system.
- BSC 4402L Biological Research Methods (3) AS BIO**
PR: BSC 4931 or BSC 4932. Enrollment is limited to Biology Department Honors students. S/U only. A course to prepare Biology Honors student to work on their Honors theses.
- BSC 4905 Independent Study (1-3) AS BIO**
PR: Cl. S/U only. May be taken by majors for free elective credit. Specialized independent study determined by the student's needs and interests. The written contract required by the Department of Biology specifies the regulations governing independent study.
- BSC 4910 Undergraduate Research (1-4) AS BIO**
PR: CHM 2210 and MAC 1105 or higher MAC course or STA 2023 or Cl. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3714 and CHM 2211. S/U only. Junior standing and 3.0 GPA required. Individual investigation with faculty supervision. Written contract by Department is necessary prior to registration.
- BSC 4931 Honors Seminar I (2) AS BIO**
Enrollment is limited to Biology Department Honors students. A course linked to the Biology Department Seminar in which students read publications related to the seminars, discuss the presentations and write critiques.
- BSC 4932 Honors Seminar II (3) AS BIO**
Enrollment is limited to Biology Department Honors students. A reading and discussion course involving areas of general interest in biology.
- BSC 4933 Selected Topics In Biology (1-4) AS BIO**
PR: Cl. The course content will depend on student demand and instructor's interest.
- BSC 4937 Seminar in Marine Biology (2) AS BIO**
PR: BSC 3312C and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3714 and CHM 2211. Course focuses on developing the student's understanding of contemporary research in the field of Marine. Background information presented and assigned reading will vary according to instructor.
- BSC 4970 Biology Honors Thesis (1-3) AS BIO**
PR: BSC 4402L and either BSC 4931 or BSC 4932. Enrollment is limited to Biology Department Honors students. S/U only. A thesis based on independent research carried out by the student.
- BSC 5931 Selected Topics in Biology (1-4) AS BIO**
PR: Cl.
- BTE 4401 Special Teaching Methods: Business Education (4) EDEDV**
PR: Successful completion of BE competencies. Methods, techniques, and materials for skill development.
- BTE 4909 Directed Study: Business Education (1-3) ED EDV**
PR: Senior standing. To extend competency in teaching field.
- BTE 4936 Senior Seminar in Business and Office Education (2) EDEDV**
PR: Senior standing; CR: BTE 4940. Synthesis of teacher candidate's courses in complete college program.
- BTE 4940 Internship: Business Education (1-12) ED EDV**
CR: BTE 4936. S/U only. One full semester of internship in a public or private school. In special programs where the intern experience is distributed over two or more semesters, students will be registered for credit which accumulates from 9 to 12 semester hours.
- BTE 4948 Field-Based Seminar in Business Education (3) ED EDV**
S/U only. Supervised field experience and orientation to broad field business education. Specifically designed to be preparatory for the internship.
- BTE 5171 Curriculum Construction: Business Education (3) ED EDV**
Curriculum scope, the process of planning and organizing instructional programs with emphasis on task analysis and process evaluation.
- BUL 3320 Law And Business I (3) BA GBA**
This course covers the nature of legal and societal institutions and environments, and major aspects of public, private, UCC and related business law.
- BUL 3321 Law And Business II (3) BA GBA**
PR: BUL 3320. Legal problems in marketing of goods, nature of property, sales of personal property, securing of credit granted, nature and use of negotiable instruments.
- BUL 5332 Law and the Accountant (3) BA GBA**
PR: BUL 3320 or Cl. A comprehensive study of commercial law as it affects the practice of accounting.
- CAP 4410 Computer Vision (3) EN ESB**
PR: EEL 4851C. Introduction to topics such as image formation, segmentation, feature extraction, matching, shape recovery, texture analysis, object recognition, and dynamic scene analysis. Non-majors by special permission and demonstration of required skills.
- CAP 4660 AI Robotics (3) EN ESB**
PR: EEL 4851C; CR: COT 4400 A.I. methods for mobile robots (ground/aerial/underwater). Understand:(1)3 paradigms of AI robotics;(2)major ways to organize and combine behaviors in behavior-based systems;(3)major path planning;(4)simultaneous localization and mapping (SLAM) algorithms.
- CAP 5400 Digital Image Processing (3) EN ESB**
PR: EEL 4851C or GS. Image formation, sources of image degradation, image enhancement techniques, edge detection operators and threshold selection, low-level processing algorithms for vision, image data compression.
- CAP 5625 Introduction to Artificial Intelligence (3) EN ESB**
PR: EEL 4851C or GS. Basic concepts, tools, and techniques used to produce and study intelligent behavior. Organizing knowledge, exploiting constraints, searching spaces, understanding natural languages, and problem solving strategies.
- CAP 5682 Expert And Intelligent Systems (3) EN ESB**
PR: EEL 4851C or GS. Basic concepts, techniques and tools for the design and implementation of expert and intelligent systems. Knowledge representation, inference methods, knowledge acquisition methods, and some advanced concepts. Tools to facilitate construction of expert and intelligent systems.
- CBH 4004 Comparative Psychology (3) AS PSY**
PR: PSY 3213 with a grade of C or better or Cl. The study of the evolution of behavior, similarities, and differences in capacities for environmental adjustment and for behavioral organization among important types of living beings.
- CCE 4034 Construction Management (3) EN EGX**
PR: EGN 3613C. Fundamentals of construction management. Topics include: general definitions, organizational roles, types of contracts, analysis of labor and equipment, cost estimating, contractor cash flow analysis, planning and scheduling, project control, construction administration, quality and safety management, and use of computer software in construction management.
- CCE 5035 Construction Management & Planning (3) EN EGX**
PR: EGN 3613C. Fundamentals of construction management. Topics include: general definitions, organizational roles, types of contracts, analysis of labor and equipment, cost estimating, contractor cash flow analysis, planning and scheduling, project control, construction administration, quality and safety management, and use of computer software in construction management.
- CCJ 3003 Crime and Justice in America SS (4) AS CJP**
May be taken by both majors and non-majors for credit. This course is a non-technical survey of the nature of crime in the United States and the ways in which our society seeks to deal with criminal offenders and victims of crime.
- CCJ 3024 Survey of the Criminal Justice System SS (3) AS CJP**
An introduction to the structure and operation of law enforcement, prosecution, the courts, and corrections. Also includes brief coverage of major reported crimes.
- CCJ 3610 Theories of Criminal Behavior (3) AS CJP**
PR: Junior standing, CCJ 3024 or Cl. Provides a basic understanding of the complex factors related to crime, with concentration on principal theoretical approaches to the explanation of crime.
- CCJ 3621 Patterns of Criminal Behavior (3) AS CJP**
PR: Junior standing. Reviews the nature and extent of the crime problem. The course will concentrate on major patterns of offender behavior including crimes against the person, property crimes, violent crimes, economic/white collar offense, syndicated (organized) crimes, consensual crimes, female crime, political crime, and will examine criminal career data.
- CCJ 3701 Research Methods in Criminal Justice I (3) AS CJP**
PR: Junior standing, CCJ 3024 or CCJ 3610 or Cl. Introduces the student to some of the fundamentals of knowledge-generating processes in criminal justice.
- CCJ 4450 Criminal Justice Administration (3) AS CJP**

326 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

PR: Junior standing, CJE 4114 or CJT 4100 or CI. This course is designed to provide an in-depth examination of both the practical and theoretical aspects of the administration of criminal justice agencies. The major focus will be on law enforcement and correctional agencies.

CCJ 4604 Abnormal Behavior and Criminality (3) AS CJP

PR: Junior standing, CCJ 3610 or CI. A systematic introduction to the relationship between mental illness and criminality, with focus on psychiatric labeling of deviant behavior and its implications for the handling of the criminal offender.

CCJ 4700 Statistical Research Methods in Criminal Justice II (3) AS CJP

PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Beginning with the scientific method, the tools commonly used to analyze criminal justice data will be emphasized. Recommended for students who intend to continue their education beyond the B.A. Required of students attending the MA program in CCJ at USF.

CCJ 4900 Directed Readings (1-3) AS CJP

PR: Junior standing, CCJ 3024, CCJ 3610, CCJ 3621, CI. S/U only. (a) Students wishing to enroll must make arrangements with a faculty member during the semester prior to actually taking the course. (b) A minimum of four 4 CCJ courses must have been completed satisfactorily prior to enrollment. (c) First consideration will be given to Criminology majors. (d) Individual faculty members may add additional requirements at their discretion. No more than six hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours required for the major. This course is specifically designed to enable advanced students the opportunity to do in-depth independent work in the area of criminal justice. Each student will be under the close supervision of a faculty member of the program.

CCJ 4910 Directed Research (1-3) AS CJP

PR: Junior standing, CCJ 3024, CCJ 3610, CCJ 3621, CI. S/U only. (a) Students wishing to enroll must make arrangements with a faculty member during the semester prior to actually taking the course. (b) A minimum of four 4 CCJ courses must have been completed satisfactorily prior to enrollment. (c) First consideration will be given to Criminology majors. (d) Individual faculty members may add additional requirements at their discretion. No more than six hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours required for the major. This course is designed to provide students with a research experience in which they will work closely with faculty on the development and implementation of research projects in the area of criminal justice.

CCJ 4930 Critical Issues in Policing (3) AS CJP

PR: Junior standing, CCJ 3024 or CJE 4114 or CI. Focuses on some of the most critical issues in law enforcement today including: understanding and controlling police use of deadly force; police deviance; police prejudice and discrimination; violence-prone police officers; substance abuse by police officers; and administrative review of alleged police brutality.

CCJ 4933 Selected Topics in Criminology (3) AS CJP

PR: Junior standing, CCJ 3024, CCJ 3621, CCJ 3610 or CI. Lecture course. Topic varies and is designed to address a wide variety of issues in criminology and criminal justice. Open to non-majors with CI.

CCJ 4934 Seminar in Criminology 6A MW (3) AS CJP

PR: Senior standing, CCJ 3024, CCJ 3621, CCJ 3610 and CI. These variable topic seminars are used for the in-depth study and discussion of the relationships among culture, gender, ethics, age, society, and criminal behavior. Such examinations may include the options the criminal justice does (or does not) have to deal with these interactions, and the ethics and efficacy of the system's response. Open to non-majors with CI.

CCJ 4940 Internship For Criminal Justice Majors (3) AS CJP

PR: Senior standing, CCJ 3024, CCJ 3610, CCJ 3621. S/U only. No more than 9 hours of CCJ 4940 will be accepted toward the elective hours required for the major. The internship will consist of placement with one or more of the agencies comprising the criminal justice system. This course will enable the students to gain meaningful field experience related to their future careers. The three-hour block of credit will require a minimum of ten hours of work per week during a fall or spring term, fifteen hours per week in summer, within the host agencies in addition to any written work or reading assignments. See requirements for the B.A. degree in Criminology for the number of hours required.

CDA 3101 Computer Organization for Information Technology (3) US EIT

PR: Any Physics course or CI. Elements of the computer are discussed in terms of the physical and conceptual design of memory, processors, busses and I/O elements. Organization of

the system is cast in a meta-language that captures the logical and physical nature of the computer.

CDA 3103 Computer Organization (3) EN ESB

PR: PHY 2049 or PHY 2054 and DPR. Introduction to computer hardware, logic elements and Boolean algebra, computer arithmetic, the central processing unit, assembly language programming, input/output, and memory.

CDA 3201 Computer Logic and Design (3) EN ESB

PR: CDA 3103, COP 3514; CR: CDA 3201L and Degree Program Admission. Advanced coverage of Boolean Algebra, introduction to minimization of combinational logic circuits, analysis and synthesis of sequential circuits, testing of logic circuits, and programmable logic devices.

CDA 3201L Computer Logic Design Lab (1) EN ESB

CR: CDA 3201.

CDA 4100 Computer Organization and Architecture (3) EN ESB

PR: EEL 4705. Elements of computer systems; processors, memories and switches. Register transfer representation of a computer. ALUs and their implementation. The control unit. Memory and I/O. Hardware support of operation system functions.

CDA 4203 Computer System Design (3) EN ESB

PR: CDA 3201, CDA 3201L. Design Methods, Top-Down design, Building Blocks, Instruction and addressing models, minicomputer design, interfacing.

CDA 4203L Computer System Design Lab (1) EN ESB

CR: CDA 4203. This lab introduces the student to the concept of system design. Several projects are given including building timing circuits, memory-based and communication circuits, and microcomputer-based designs.

CDA 4205 Computer Architecture (3) EN ESB

PR: CDA 3201, CDA 3201L. Principles of the design of computer systems, processors, memories, and switches. Consideration of the register transfer representation of a computer, ALU's and their implementation, control units, memory and I/O, and the hardware support of operation systems.

CEG 4011 Geotechnical Engineering I (3) EN EGX

PR: EGN 3353, EGN 3331. Fundamental and experimental concepts in soil mechanics with emphasis on soil properties, soil moisture, soil structure, and shearing strength.

CEG 4011L Geotechnical Laboratory (1) EN EGX

CR: CEG 4011. Demonstrates and experiments verifying theoretical bases of Geotechnical Engineering. One hour lecture and two laboratory hours per week.

CEG 4012 Geotechnical Engineering II (3) EN EGX

PR: CEG 4011. Design of retaining walls, earth slopes, foundations to control settlement, soil stabilization and foundations subjected to dynamic loads. Computer applications to soil mechanics will be covered.

CEG 4850 Capstone Geotechnical/Transportation Design MW (3) EN EGX

PR: CEG 4011, TTE 4004. A capstone geotechnical/transportation design experience for seniors in Civil and Environmental Engineering. Design of embankment and pavement bases. Comprehensive surface streets, open highway intersection and site design involving functional design, facility sizing, complete alignments and coordination, plan preparation, site layout and design, quantity summarization, bid tab planning and specification preparation.

CEG 5115 Foundation Engineering (3) EN EGX

PR: CEG 4011 or CI. Design of shallow foundations, cantilevered and anchored retaining walls, piling, drilled piers and special foundations. Computer applications to geotechnical engineering are covered.

CEG 5205 Laboratory Testing for Geotechnical Engineers (3) EN EGX

PR: CEG 4011 or CI. Both routine and advanced forms of soil testing are covered. Emphasis is placed on procedures and application of results to design.

CEN 3722 Human Computer Interfaces for Information Technology (3) US EIT

Human-Computer Interface is the study of people, computer technology and the ways these influence each other. The basic foundations of HCI in terms of psychology, computer systems and their integration into design practice are discussed in the course.

CEN 4020 Software Engineering (3) EN ESB

PR: EEL 4851C. An overview of software engineering techniques for producing high quality software. Student will participate in a software development team.

CEN 4023 Software System Development (3) EN ESB

PR: EEL 4851C. Consideration of object methodology and object oriented programming. Team analysis, design, and development

of complex software systems using software development tools.

CEN 4031 Software Engineering Concepts for Information Technology (3) US EIT

PR: EEL 4854 or CI. Concepts associated with production of high quality software through the use of software engineering concepts and practices are covered. In addition to conceptual presentations, students are required to participate in software development team projects.

CEN 4721 User Interface Design (3) EN ESB

PR: EEL 4851C. An examination of factors influencing the usability of a computer system. Topics include input and output devices, graphic and multi-media interfaces, formats for interaction/communication between computer and user, and the evaluation of usability.

CES 3102 Structures I (3) EN EGX

PR: EGN 3331. Analysis of simple structural systems, both determinate and indeterminate. Moment area theorems; influence lines; introduction to steel design.

CES 4141 Finite Element Analysis I (3) EN EGX

PR: CES 3102. Introduction to the finite element method. Application of the method to one-dimensional structural problems. Virtual work principles. Analysis of trusses and frames using the displacement method and the force method. Energy principles. Matrix methods for computer analysis. Programming methods for finite elements implementation.

CES 4561 Computer Aided Structural Design (3) EN EGX

PR: CES 4141. Computer aided structural analysis and design using existing finite element program, static dynamic loading.

CES 4605 Concepts of Steel Design (3) EN EGX

PR: CES 3102. Introduction to steel design and AISC Manual of Steel Construction: Design of tension members; compression members; beams; beam columns; and bolted, welded, and riveted connections.

CES 4702 Concepts of Concrete Design (3) EN EGX

PR: CES 3102. Introduction to concrete design and the ACI Building Code Requirements for reinforced concrete: Design of flexural reinforcement in beams and slabs, design of shear reinforcement, design of concrete columns.

CES 4720 Capstone Structural/Materials Design (3) EN EGX

PR: EGN 3365, CES 4605, CES 4702. A Capstone Materials design experience for seniors in Civil and Environmental Engineering. This course will provide students with a focused design experience aimed to design for durability and reliability.

CES 4740 Capstone Structural/Geotechnical/ Material Design MW (3) EN EGX

PR: EGN 3365, CES 4605, CES 4702, CEG 4011. A capstone structural/ geotechnical/ materials design experience for seniors in Civil and Environmental Engineering. Design of structures and foundations made of steel and reinforced concrete.

CES 4742 Concepts of Structural Design (3) EN EGX

PR: CES 3102. Introduction to concrete design and the ACI Building Code Requirements for reinforced concrete; design of flexural reinforcement in beams and slabs, design of shear reinforcement, design of concrete columns, and design of steel beams.

CES 4820C Timber and Masonry Design (3) EN EGX

PR: CES 3102, CES 4702. Fundamentals of timber design including beams, columns, connections and formwork. Introduction to masonry design including design of beams, walls, columns, and pilasters.

CES 5105C Advanced Mechanics of Materials I (3) EN EGX

PR: EGN 3331, MAP 2302 Analytical study of the mechanical behavior of deformable solids. Basic concepts, stress and strain transformations, special topics in beams, theory of elasticity, criteria of failure, beams on elastic foundation.

CES 5209 Structural Dynamics (3) EN EGX

PR: CES 3102, EGN 3321. Behavior of structural components and systems when subjected to periodic dynamic loads.

CES 5715C Prestressed Concrete (3) EN EGX

PR: CI, majors only. Fundamental principles of prestressing; calculation of losses; stress analysis and design of simple beams for flexure and shear. Examples of pressures applications.

CGN 3021L Civil Engineering Laboratory (2) EN EGX

PR: CES 3102, EGN 3353, EGN 3365. A laboratory experience in departmental facilities including the subject areas of materials, fluids, environmental engineering, and computer assisted data acquisition.

CGN 4122 Professional and Ethical Issues in Engineering MW (3) EN EGX

The professional and ethical responsibility of engineers. The legal and ethical responsibilities of engineers in the preparation

of contracts and specification. The ethics of engineer-client agreements.

CGN 4851 Concrete Construction Materials (3) EN EGX

PR: EGN 3365. Classifications and production of cements. Design and testing of concrete mixes to produce desired properties.

CGN 4905 Independent Study (1-5) EN EGX

PR: CC. S/U only. Specialized independent study determined by the students' needs and interests.

CGN 4911 Research in Civil Engineering and Environmental Engineering (1-4) EN EGX

PR: CC.

CGN 4914 Senior Project (2-5) EN EGX

PR: CI. Problem-solving experience and training for seniors in research and/or design projects. Written final reports are required.

CGN 4933 Special Topics in Civil and Environmental Engineering (1-5) EN EGX

PR: CI. New technical topics of interest to civil engineering students.

CGN 5933 Special Topics in Civil Engineering and Mechanics (1-5) EN EGX

PR: CI. New technical topics of interest to civil engineering students.

CGS 2060 SC Introduction to Computers and Programming in Basic 6A (3) EN ESB

No credit for Engineering Majors. An overview of computer systems and their role in society. Survey of the evolution of computer software and hardware technology with emphasis on current applications. Introduction to programming using the BASIC language.

CGS 2062 Computers And Society (3) EN ESB

No credit for Engineering Majors. For non-engineering majors only. This computer literacy course covers the fundamentals of hardware, software, and programming languages, presents a broad overview of data processing concepts, problems and applications for students with little or no computing background.

CGS 2100 Computers In Business (3) BA QMB

A study of the use and impact of computers in all areas of business organizations. Course includes hands-on experience and the use of software packages for business analysis.

CGS 3303 IT Concepts (3) US EIT

PR: Any PHY course. A lecture and problem solving course which deals with subjects related to computers and information technology. A broad range of conceptual and practical topics in IT are covered.

CGS 5765 Introduction to Unix and C (3) EN ESB

No credit for Department of Computer Science & Engineering majors. Unix operating system. Internet resources. Netscape, WWW and HTML. ANSI C language, syntax. Arrays and pointers. Iterations and recursions. Header files and macros. C libraries. Structuring data. File I/O.

CHI 1120 Modern Chinese I (4) AS WLE

CR: CHI 1120L. Mandarin. An intensive study of basic skills: pronunciation, listening, comprehension, speaking, and some composition.

CHI 1120L Modern Chinese I Laboratory (1) AS WLE

CR: CHI 1120. S/U only. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. A laboratory designed to offer additional practice using various instructional technologies and media.

CHI 1121 Modern Chinese II (4) AS WLE

CR: CHI 1121L. Mandarin. PR: CHI 1120 or equivalent. A continuation of CHI 1120. More sophisticated oral/aural skills are attained. Basic reading skills are acquired.

CHI 1121L Modern Chinese II Laboratory (1) AS WLE

CR: CHI 1121. S/U only. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. A laboratory designed to offer additional practice using various instructional technologies and media.

CHI 2200 Modern Chinese III (4) AS WLE

PR: CHI 1121 or the equivalent. For language students who intend to attain basic proficiency.

CHI 2201 Modern Chinese IV (4) AS WLE

PR: CHI 2200 or the equivalent. Continuation of CHI 2200. Practice of writing, speaking and listening skills for language students who intend to attain basic proficiency.

CHI 4905 Directed Study (1-5) AS WLE

Departmental approval required. S/U only. Permits study options in Modern Chinese not available in the regularly scheduled curriculum at departmental discretion.

CHM 2021 Chemistry for Today NS (4) AS CHM

PR: High school chemistry and mathematics including algebra are recommended. No credit for science majors. An introduction to the principles and applications of modern chemistry including the properties of matter, structural view of matter and reactions, quantitative relations in chemical reactions, technological aspects and societal impact.

CHM 2032 Introduction to General, Organic and Biochemistry I (4) AS CHM

No credit for science majors. Fundamental concepts of general, organic, and biological chemistry.

CHM 2045 General Chemistry I NS (3) AS CHM

PR: One year of high school chemistry and two years of high school mathematics including algebra; or, completion of CHM 2021 with grade of C or better. Principles and applications of chemistry including properties of substances and reactions, thermochemistry, atomic-molecular structure and bonding, periodic properties of elements and compounds.

CHM 2045L General Chemistry I Laboratory (1) AS CHM

CP: CHM 2045. Laboratory portion of General Chemistry I. Introduction to laboratory techniques; study of properties of elements and compounds; synthesis and analysis of natural and commercial materials.

CHM 2046 General Chemistry II NS (3) AS CHM

PR: CHM 2045 or CHM 2045L or equivalent. Continuation of General Chemistry. Lec.-dis.

CHM 2046L General Chemistry II Laboratory (1) AS CHM

PR: CHM 2045L. Laboratory portion of General Chemistry II. Continuation of chemistry laboratory.

CHM 2200 Organic Chemistry (4) AS CHM

PR: CHM 2046 or equivalent. Fundamental organic chemistry principles. Structure, nomenclature, properties, preparation, reactions of hydrocarbons, alkyl halides, alcohol, phenols, ethers, sulfur analogs and other compounds. A one-semester course.

CHM 2210 Organic Chemistry I (3) AS CHM

PR: CHM 2046, CHM 2046L. Fundamental principles of organic chemistry. Lecture.

CHM 2210L Organic Chemistry Laboratory I (2) AS CHM

CP: CHM 2200 or CHM 2210. Laboratory portion of Organic Chemistry I. Introduction of organic laboratory principles and techniques.

CHM 2211 Organic Chemistry II (3) AS CHM

PR: CHM 2210 or equivalent. Continuation of organic chemistry. Lecture.

CHM 2211L Organic Chemistry Laboratory II (2) AS CHM

PR: CHM 2210L, CR: CHM 2211. Continuation of organic chemistry laboratory.

CHM 2932 Selected Topics in Chemistry (3) AS CHM

Topics of interest to students relating to chemistry and other sciences.

CHM 3120C Elementary Analytical Chemistry (4) AS CHM

PR: CHM 2046, CHM 2046L. Fundamentals of gravimetric, volumetric, spectrophotometric analysis. Lec.-lab.

CHM 3400 Elementary Physical Chemistry I (3) AS CHM

PR: CHM 2046, CHM 2046L, MAC 2281 or MAC 2311, PHY 2054, PHY 2054L. Introduction to thermodynamics. Properties of solutions with emphasis on biological applications.

CHM 3401 Elementary Physical Chemistry II (3) AS CHM

PR: CHM 3400. Reaction kinetics, enzyme kinetics, macromolecular systems, radiochemistry, molecular spectroscopy, and chemical bonding.

CHM 3402L Elementary Physical Chemistry Laboratory (1) AS CHM

PR: CHM 3120C. CR: CHM 3400 and/or CHM 3401. A physical chemistry laboratory with emphasis on modern techniques and instruments. Lab.

CHM 3610 Intermediate Inorganic Chemistry (3) AS CHM

PR: CHM 2046, CHM 2046L. Fundamental principles of inorganic chemistry including atomic structure, bonding theories and structural consequences, transition metal chemistry and illustrative laboratory work. Lec.-lab.

CHM 3610L Intermediate Inorganic Chemistry Laboratory (1) AS CHM

PR: Two semesters of general chemistry lecture and lab. CR: CHM 3610. Illustrative laboratory work concerning the fundamental principles of inorganic chemistry including atomic structure, bonding, transition metal chemistry, structural consequences and spectroscopic methods.

CHM 4060 Use of the Chemical Literature (1) AS CHM

Discussions and assignments using abstracts, bibliographies, indices, encyclopedias, journals, patent files, electronic databases, and other information sources to obtain chemical and

technical material and including written and oral presentations. Career information and opportunities also discussed.

CHM 4070 Historical Perspectives in Chemistry 6A MW (3) AS CHM

PR: One year of college chemistry; or senior standing and CI. A study in depth of the historical and philosophical aspects of outstanding chemical discoveries and theories. Lec.-dis.

CHM 4130C Methods of Chemical Investigation I (4) AS CHM

PR: CHM 3120C, CHM 2211, CHM 2211L, CHM 4060, CHM 4410. Theory and applications of instrumental methods in chemical research, chemical synthesis and analysis; electrochemical and calorimetric techniques, separation methods, spectroscopy, statistical analysis of data, computer data handling, and individual projects.

CHM 4131C Methods of Chemical Investigation II (4) AS CHM

PR: CHM 4130C. Continuation of CHM 4130C.

CHM 4300 Biomolecules I (3) AS CHM

PR: CHM 2211. Nature, structure, elucidation, synthesis and (in selected cases) organic chemical mechanisms of biochemical involvement of the major classes of organic compounds found in living systems. Lec.

CHM 4410 Physical Chemistry I (3) AS CHM

PR: CHM 3120C and MAC 2282 or MAC 2312, and PHY 2054 or PHY 2049. Thermodynamics, the states of matter, solutions. Lec.

CHM 4411 Physical Chemistry II (3) AS CHM

PR: CHM 3120C, and MAC 2282 or MAC 2312, and PHY 2054 or PHY 2049. Introduction to quantum mechanics and molecular spectroscopy. Lec.

CHM 4412 Physical Chemistry III (3) AS CHM

PR: CHM 4410. Electrochemistry, kinetic theory of gases, chemical kinetics, surface and nuclear chemistry. Lec.

CHM 4611 Advanced Inorganic Chemistry (3) AS CHM

PR: CHM 3610C and CHM 4410 or CI. An advanced descriptive and theoretical treatment of inorganic compounds. Lec.

CHM 4905 Independent Study (1-3) AS CHM

PR: CI. S/U only. Specialized independent study determined by the student's needs and interests. The written contract required by the College of Arts and Sciences specifies the regulations governing independent study.

CHM 4932 Selected Topics in Chemistry (1-3) AS CHM

PR: CI. The course content will depend on the interest of faculty members and student demand.

CHM 4970 Undergraduate Research (1-3) AS CHM

PR: CI. S/U only.

CHM 5225 Intermediate Organic Chemistry I (3) AS CHM

PR: CHM 2211, CHM 2211L, or equivalent or CI or GS. This course will extend organic chemistry beyond the undergraduate level and will emphasize concepts of stereochemistry and reaction mechanisms.

CHM 5226 Intermediate Organic Chemistry II (3) AS CHM

PR: CHM 5225 or CI. An introduction to synthetic organic chemistry for graduate students and advanced undergraduates. Lec. Semester II.

CHM 5425 Applications in Physical Chemistry (3) AS CHM

PR: CHM 4412 and CHM 4410 or CI or GS. Applications of chemical theory to chemical systems.

CHM 5452 Polymer Chemistry (3) AS CHM

PR: Either CHM 2211, CHM 2211L, and CHM 3400 or CHM 4410 or graduate standing. Fundamentals of polymer synthesis, structure, properties, and characterization.

CHM 5621 Principles of Inorganic Chemistry (3) AS CHM

PR: CHM 4411, CHM 4610 or CI or GS. Chemical forces, reactivity, periodicity, and literature in organic chemistry; basic core course. Lec.

CHM 5931 Selected Topics in Chemistry (1-3) AS CHM

PR: CI. The following courses are representative of those that are taught under this title: Natural Products, Stereochemistry, Reactive Intermediates, Photochemistry, Instrumental Electronics, Advanced Lab Techniques, Heterocyclic Chemistry, etc.

CHS 4300 Fundamentals of Clinical Chemistry (3) AS CHM

PR: BCH 3023. Theoretical and practical aspects of the analysis of various body fluids, with emphasis on the medical significance. Lec.

CHS 4301L Clinical Laboratory (2) AS CHM

PR: BCH 3023 and CI, CHM 3120C. Laboratory experience in some of the most important clinical determinations. Lec.-Lab.

CIS 4250 Ethical Issues And Professional Conduct 6A MW (3) ENESB

PR: Senior standing in the Department of Computer Science and Engineering. An introduction to ethical issues arising in the computer sciences, through written analysis and oral

- presentations of technical situations which involve ethical conflicts.
- CIS 4253 Ethical Issues for Information Technology MW (3) US EIT**
Human values and laws as applied to the "gray area" of technological phenomena. The goal is to develop an understanding of what technology introduces to our culture and how we, as individuals, envision the future of society.
- CIS 4361 Information Technology Security Management (3) US EIT**
PR: Junior standing or above. An overview of information security management techniques and concerns is presented. Topics include: Access control systems, telecommunications and network security, security management practices, application and systems development security, cryptography, disaster recovery planning, legal and ethical issues, and physical security.
- CIS 4412 Information Technology Resource Management (3) US EIT**
PR: Junior standing or above. An overview of the information resource management function, with emphasis on information systems management, is covered. Topics include planning, organizing and controlling user services, managing information system development process, and the fundamentals of EDP auditing.
- CIS 4703 Database Systems for Information Technology (3) US EIT**
CR: EEL 4854 or CI. Fundamentals of database management systems are presented, covering relational, CODASYL, network, hierarchical, and object-oriented models. Topics include basic design concepts, analysis of efficiency as well as actual implementations of such systems.
- CIS 4900 Independent Study In Computer Science (1-5) EN ESB**
PR: EEL 4851C or CDA 3201 and CI. S/U only. Specialized independent study determined by the needs and interests of the student.
- CIS 4910 Computer Science Project (2) EN ESB**
PR: EEL 4851C. Projects intended to develop individual interests and abilities in computer science involving either computer hardware or software aspects of a well defined proposal.
- CIS 4930 Special Topics in Computer Science I (1-4) EN ESB**
PR: EEL 4851C or CDA 3201 and CI.
- CIS 4935 Senior Project in Information Technology (3-5) US EIT**
PR: Senior Standing in Information Technology. Graduates of the IT program must complete a major project dealing with a sub-domain of IT. Projects are supervised by a faculty member, or an approved industrial mentor. Projects range from design to programming, to implementations associated with IT.
- CJC 4010 American Correctional Systems (3) AS CJP**
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Analysis of the different treatment philosophies and techniques currently in use in the field, with special attention to experimental and demonstration programs.
- CJC 4166 Alternatives to Incarceration (3) AS CJP**
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. This course explores a variety of alternatives to imprisoning the offender, including probation, parole, diversion, and other community-based intervention and treatment approaches.
- CJC 4310 Correctional Administration (3) AS CJP**
PR: Junior standing, CCJ 3024 or CI. The course provides students with an introduction to issues in correctional administration in both institutional and community corrections.
- CJC 4410 Intervention Techniques and Strategies (3) AS CJP**
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Introduces the student to theories and methods underlying treatment modalities currently employed in corrections.
- CJE 4010 Juvenile Justice System (3) AS CJP**
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Provides coverage of the juvenile and family courts, their clientele, and the complex of human services agencies and facilities that contribute to efforts at juvenile correctional intervention.
- CJE 4044 Police and Juvenile Delinquency (3) AS CJP**
PR: Junior standing, CCJ 3024 or CI. Focuses on the unique aspects of law enforcement interaction with juveniles and their families. Issues which emerge when working with multi-cultural populations will be discussed. Police efforts at early detection, intervention, and diversion. Interaction with status offenders and children in-need-of-assistance will be a topic of concern.
- CJE 4114 American Law Enforcement Systems (3) AS CJP**
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Provides a comprehensive examination of the American law enforcement system at the federal, state, and local levels and an assessment of career opportunities within the community.
- CJE 4144 Private Security Systems (3) AS CJP**
PR: Junior standing plus CJE 4114, CCJ 3024, CCJ 3610, CCJ 3621 or CI. Examines some of the principal methods and techniques currently used to reduce or prevent losses due to theft and casualty.
- CJJ 4210 Developmental Aspects of Juvenile Delinquency (3) AS CJP**
PR: CCJ 3610 and CJE 4010 or CI. Provides the student with a developmental/life course perspective of the processes, events, and factors which occur during childhood and adolescence and cause juvenile delinquency. This course focuses on the conditions which are critical in shaping the delinquent's behavior during their formative years.
- CJJ 4211 Juvenile Substance Abuse (3) AS CJP**
PR: Junior standing, CJE 4010 or CI. Focuses on youth and drugs. It will cover such topics as the rates and patterns of the use of different drugs by youths with varying sociodemographic characteristics, the context and effects of use of various drugs, the drugs-crime connection, prevention, early intervention and treatment efforts, and drug use policy.
- CJJ 4564 Juvenile Correctional Alternatives (3) AS CJP**
PR: Junior standing, CJE 4010 or CI. Focuses on juvenile correctional responses from diversion to the use of secure facilities. How the system attempts to handle status offenders and children in need of supervision will be covered. Diversion, detention, probation, and community-based non-secure facilities will be discussed.
- CJL 3110 Substantive Criminal Law (3) AS CJP**
PR: Junior standing, CCJ 3024, CCJ 3610, or CI. Examines the historical basis of the American criminal law system, the substantive elements of the crime, and court procedures.
- CJL 4074 Correctional Law (3) AS CJP**
The course provides students with an introduction to legal issues in the area of corrections, with an emphasis on civil and criminal liability for correctional staff and administrators and on convict's rights.
- CJL 4115 Environmental Law and Crime (3) AS CJP**
PR: Junior standing, CCJ 3024 or CI. The course provides students with an introduction to issues in the area of environmental crime and environmental law.
- CJL 4410 Criminal Rights and Procedures (3) AS CJP**
PR: Junior standing, CCJ 3024 or CI. Emphasizes the Constitutional issues and rules that are applied and enforced by the courts while processing criminal cases.
- CJL 4454 Juveniles' Rights and Procedures (3) AS CJP**
PR: CJE 4010 or CI. The course provides students with an introduction to the Juvenile Justice system, particularly with the issues on juveniles' rights as they relate to the juveniles in trouble who are processed through the juvenile justice system or probably transferred to the adult criminal justice system.
- CJT 4100 Criminal Investigation (3) AS CJP**
PR: CCJ 3024 or CCJ 3610 or CI. Covers the major components of criminal investigation, with special attention to the scientific aspects of criminal investigation and the management of major cases.
- CLA 2800 Wordpower from Latin and Greek (3) AS WLE**
Study of Greek/Latin elements as a means of building English vocabulary. Examination of Greek/Latin-based terminology from various scientific fields, its adoption into English and current usage. Attention given to Greek/Latin stems, prefixes, suffixes.
- CLA 3103 Greek Civilization HP (3) AS WLE**
Study of Greek Civilization from its beginning to the Roman period, with emphasis on social customs, political institutions, and daily life.
- CLA 3123 Roman Civilization HP (3) AS WLE**
Study of Ancient Roman Civilization with emphasis on social customs, political institutions, and daily life.
- CLA 3501 Women in Antiquity 6A LW (3) AS WLE**
The life of women in the ancient Greek and Roman world, through lecture, video, and slide presentations. The course is not restricted to majors and cannot be repeated for credit.
- CLA 3930 Selected Topics (3) AS WLE**
An examination of various aspects of Greek and Roman Culture, based on ancient sources, literary and archaeological. Repeatable as topics vary.
- CLA 4930 Selected Topics (1-4) AS WLE**
Course content depends on student demand and instructor's interest and may range over the whole field of ancient languages, literatures and civilizations. Offerings on a semi-regular basis include Tongues of the Bible and the Bible as History.
- CLP 2001 Psychology of Adjustment SS (3) AS PSY**

330 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Genetic, organic, and learned factors involved in the processes of personal adjustment; applications of mental health principles to everyday living.

CLP 4143 Abnormal Psychology (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. Descriptions, theoretical explanations, research evidence, and treatment of maladaptive behavior.

CLP 4414 Behavior Modification (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. Introduction to behavior analysis, and application of learning principles, behavioral measurement, research designs, and interventions in treatment settings.

CLP 4433 Psychological Tests and Measurement (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. Students may not receive credit for both CLP 4433 and EDF 4430. A consideration of the instruments for intellectual and personality assessment including their applications, development, and potential abuses.

CLT 3040 Scientific and Medical Terminology (3) AS WLE

A course in the Greek and Latin word elements used in science and technology.

CLT 3101 Greek Literature in Translation 6A MW (3) AS WLE

Reading and discussion of major works in Greek literature. Special emphasis on the Iliad, the dramatists Aeschylus, Sophocles, Euripides and Aristophanes. Some attention is given to the social and political background of the works. All readings are in English.

CLT 3102 Roman Literature in Translation 6A MW (3) AS WLE

Reading and discussion of major works in Roman literature. Special emphasis is placed on the Aeneid, comedy and satire. Some attention is given to the political background of the works. All readings are in English.

CLT 3370 Classical Mythology HP (3) AS WLE

Study of Greek and Roman myths embodied in classical literature and of their impact on Western civilization. All readings are in English.

COM 2000 Introduction to Communication SS (3) AS SPE

Introduction to the roles, contexts, and issues in contemporary human communication. Required of Communication majors.

COM 3014 Communication, Gender and Identity (3) AS SPE

Examines the communicative origins and implications of gender roles.

COM 3110 Communication For Business and the Professions (3) AS SPE

For non-majors only. Identification of communication situations specific to business and the professions. Analysis of variables related to communication objectives and preparation of oral presentations in the form of informational reports, conference management, persuasive communications, interviews, and public hearing.

COM 3120 Introduction to Communication Theory in Organizations (3) AS SPE

PR: majors, COM2000 or CI; non-majors, COM3122 or COM3110 or CI. A survey of communication concepts which impact upon organizational effectiveness.

COM 3122 Interview Communication (3) AS SPE

Student must sign up for a one-hour lab if registering for day-time mass lecture class. A study of communication theory relative to interview situations with emphasis on the employment interview, appraisal interview, and persuasive interview. Student must sign up for a one-hour lab unless registering for night section of 3122.

COM 3122L Interview Communication Lab (0) AS SPE

Students must take this course in conjunction with the mass lecture COM 3122 offered during day. Interview laboratory for practice and individual consultation. Open to majors and non-majors.

COM 4020 Communicating Illness, Grief, and Loss 6A (3) AS SPE

PR: Junior/Senior standing or CI. Focus on stories of illness, grief, and loss to make sense of these experiences; to understand the cultural and rhetorical influences on how stories are told; and to explore the context of everyday life, romantic relationship, families, institutions, and culture in which they occur.

COM 4022 Health Communication (3) AS SPE

Application of communication theory and research to the health context including provider-patient communication, health information campaigns, and health beliefs and behavior. Special attention to the value issues in health communication.

COM 4030 Women and Communication 6A MW (3) AS SPE

Examines women's patterns of communication in a variety of contexts. Also offered under Women's Studies.

COM 4124 Communication and Organizational Change (3) AS SPE

PR: COM 3120 or CI. An advanced course covering current issues in organizational transformation (e.g., organizational dialogue, learning organizations, reengineering, work teams), and the role communication processes play in such changes.

COM 4710 Writing Lives 6A (3) AS SPE

PR: Junior/Senior standing or CI. Emphasizes writing stories about our lives and the lives of others as a way to understand, cope with and communicate social experiences.

COM 4942 Communication Intern Seminar (3) AS SPE

PR: Communication major, minimum GPA 3.0, 75 hours completed, 15 hours of core requirements and 9 elective hours completed, and CI. Seminar provides students with an opportunity to put into practice concepts and skills acquired in their study of communication. Weekly seminar sessions augment intern experience. Application for seminar must be submitted one semester prior to seminar offering.

COM 5930 Topics in Communication Studies (3) AS SPE

Topical issues in communication.

COP 2120 SC Cobol Programming I (3) EN ESB

Analysis of ANSI Standard COBOL language elements. Development of file structures and commercially oriented applications.

COP 2121 SC Cobol Programming II (3) EN ESB

PR: COP 2120. Advanced applications of ANSI Standard COBOL. Development of subroutines, relative I-O and data base applications as used in a comprehensive data processing environment.

COP 2510 Programming Concepts (3) EN ESB

PR: MAC 2281 or equivalent. An examination of a modern programming language emphasizing programming concepts and design methodology.

COP 3514 Program Design (3) EN ESB

PR: COP 2510 or comparable introductory programming course and DPR. The class extends students' programming knowledge by systematically considering the concepts involved in program design and creation. Students will also build upon their previous programming experience by learning to use the C programming language in a networked environment.

COP 3515 Program Design for Information Technology (3) US EIT

PR: COP 2510 or CI. Concepts associated with the design and implementation of computer programs are studied, with emphasis on creation of programs to be developed and maintained in a variety of environments from small to large information technology organizations.

COP 4020 Programming Languages (3) EN ESB

PR: EEL 4851C. An introduction to programming languages, survey of language types and design of translators and interpreters.

COP 4313 Symbolic Computations in Mathematics 6A (3) AS MTH

PR: MAS 3105 and MAP 2302. Students will write programs to solve problems in various areas of mathematics including calculus and linear algebra with symbolic programming systems such as Maple, Mathematica, or Macsyma.

COP 4600 Operating Systems (3) EN ESB

PR: EEL 4851C. Introduction to systems programming. Design of operating systems. Concurrent processing, synchronization, and storage management policies.

COP 4610 Operating Systems for Information Technology (3) US EIT

PR: EEL 4854 or CI. Introduction to concepts and practices of modern operating systems. Topics include process, parallelism, memory management, resource allocation and file systems. Algorithms are used to understand many of the concepts associated with operating systems.

COP 4610L Operating Systems Laboratory for Information Technology (1) US EIT

PR: EEL 4854 or CI. Implementation and evaluation of models discussed in the lecture part of the course. Students implement operating system algorithms in stand-alone mode, and modify real operating system code. Students implement and test algorithms in a lab environment.

COP 4814 Web Services (3) US EIT

PR: CI. The Web services model, based on the Open Standards of SOAP, WSDL, and UDDI, is studied and applied.

COP 4816 XML Applications (3) US EIT

PR: CI. Completion of prerequisites for admission to IT program. This course introduces eXtensible Markup Language (XML), a

- technology for exchanging structured information over the Internet, and examines a sampling of its many applications.
- COP 4834 Data-Driven Web Sites (3) US EIT**
PR: CI. Completion of prerequisites for admission to IT program. Junior standing or above. This course builds on students' knowledge of Web development and databases by adding server-side scripting using the PHP language to interact with the MySQL database system to build transaction processing and report generating systems over the Internet.
- COP 4930 Information Technology Seminar (1-3) US EIT**
PR: Senior standing in Information Technology. A survey of current Information Technology topics are covered to keep the IT student abreast of the variety of domains associated with their major. Speakers with a wide variety of IT experience will give seminars to senior IT students.
- COT 3100 Introduction to Discrete Structures (3) EN ESB**
PR: MAC 2281 or equivalent. Introduction to set algebra, propositional calculus and finite algebraic structures as they apply to computer systems.
- COT 4210 Automata Theory and Formal Languages (3) EN ESB**
PR: COT 3100, EEL 4851C. Introduction to the theory and application of various types of computing devices and the languages they recognize.
- COT 4400 Analysis Of Algorithms (3) EN ESB**
PR: COT 3100, EEL 4851C. Design principles and analysis techniques applicable to various classes of computer algorithms frequently used in practice.
- CPO 2002 Introduction to Comparative Politics SS (3) AS POL**
Comparison and analysis of representative European and non-Western political systems.
- CPO 4034 Politics of the Developing Areas SS AF (3) AS POL**
An analysis of the ideologies, governmental structures, and political processes of selected nations of the non-Western world.
- CPO 4204 Government and Politics of Africa SS AF (3) AS AFA**
Designed to provide the information and analytical tools necessary to interpret current Sub-Saharan African politics. Survey of political organization in traditional African societies; politics under colonial rule; the struggle for independence, and post-independence politics.
- CPO 4930 Comparative Government and Politics of Selected Countries or Areas (3) AS POL**
Studies political systems with common elements. Structure, process, domestic and foreign politics, and regional roles are considered.
- CPO 5934 Selected Topics in Comparative Politics (3) AS POL**
Sr./GS. Studies specific substantive areas in Comparative Politics, such as political economy or the politics of specific countries or regions.
- CRW 2100 Narration and Description 6A (3) AS ENG**
A study of narrative and descriptive techniques in prose. By making the student sensitive to language usage, the course is designed to bridge the gap between expository writing and imaginative writing.
- CRW 3111 Form and Technique of Fiction 6A (3) AS ENG**
A study of short narrative forms such as the anecdote, tale, character sketch, incident, monologue, epistolary story, and short story as they have been used in the development of fiction and as they exist today.
- CRW 3112 Fiction I 6A (3) AS ENG**
PR: CRW 2100 or CRW 3111. An introduction to fiction writing, beginning with a practical study of the various elements of fiction and proceeding through the many processes of revision to arrive at a completed work of art.
- CRW 3121 Fiction II 6A (3) AS ENG**
PR: CRW 2100 or CRW 3111, CRW 3112. A fiction workshop which provides individual and peer guidance for the student's writing and which encourages the development of critical skills.
- CRW 3310 Poetry I (3) AS ENG**
PR: CRW 3311. An introduction to poetry writing utilizing writing exercises employing poetic language and devices; the exercises progress to the writing of both rhymed and unrhymed metrical and non-metrical forms.
- CRW 3311 Form and Technique of Poetry (3) AS ENG**
An examination of the techniques employed in fixed forms from the couplet through the sonnet to such various forms as the rondel, ballad, villanelle, sestina, etc. Principles in the narrative, dramatic, and lyric modes are also explored.
- CRW 3321 Poetry II (3) AS ENG**
PR: CRW 3311, CRW 3310. A poetry workshop which provides individual and peer guidance for the student's writing and which encourages the development of critical skills.
- CRW 4120 Fiction III (3) AS ENG**
PR: CRW 2100 or CRW 3111, CRW 3112, CRW 3121. An advanced fiction workshop in which works may be carried over from CRW 3121 or longer forms such as the novel may be begun.
- CRW 4320 Poetry III (3) AS ENG**
PR: CRW 3311, CRW 3310, CRW 3321. An advanced poetry workshop in which students are expected to create works exhibiting a firm knowledge of the principles explored in the preceding courses.
- CRW 4930 Selected Topics in Creative Writing (3) AS ENG**
PR: 12 hours of CRW courses or CI. The focus of the course will be governed by student demand and instructor interest. Topics to be covered may include writing the literary essay, writing in mixed genres, and utilizing popular conventions in serious works. May be taken twice for credit with different topics.
- CTS 3511 IT Web Design (3) US EIT**
PR: COP 2510 or equivalent. An overview of how the Internet and the WWW evolved, and how Electronic Commerce is supported by web pages. The student will do exercises relative to HTML, and how browsers show that code. The student will also learn to use web page development packages.
- CTS 3801 Electronic Commerce (3) US EIT**
PR: COP 2510 or equivalent. An overview of how E-Commerce evolved, what EC is; how it is being conducted and managed; its major opportunities, issues, and risks. Discussions include: The Internet, intranets, firewalls, etc. Exercises will use various Web and software and packages.
- CWR 4103 Water Resources Engineering I (3) EN EGX**
PR: CWR 4202. A study of the engineering principles involved in sustaining and managing the quantity and quality of water available for human activities with particular emphasis on surface water and ground water hydrology.
- CWR 4202 Hydraulics (3) EN EGX**
PR: EGN 3353. Fundamental and applied aspects of pipe flow, free surface flow, and unsteady flow for hydraulic systems.
- CWR 4541 Water Resources Engineering II (3) EN EGX**
PR: EGN 3353, CWR 4202. The course is intended to be a technical elective for students specializing in water resources or environmental engineering. Material in the course covers subsurface hydrology including both soil vadose zone processes and the ground water flow.
- CWR 4812 Capstone Water Resources/Environmental Design MW (3) EN EGX**
PR: CWR 4103, ENV 4001. A capstone water resources design experience for seniors in Civil and Environmental Engineering. A design oriented course to design both industrial and domestic water treatment, and water transport systems and hydraulic systems, including drainage, water supply, and flood control.
- DAA 2100 Fundamentals Of Modern Dance (2) VP DAN**
A studio class for students with a serious interest in concert modern dance. Emphasis upon correct alignment, development of strength, rhythmic and dynamic activity, as well as spatial and locomotor patterns. May be repeated up to six credit hours.
- DAA 2105 Modern Dance I (2) VP DAN**
PR: Admission by placement audition. A studio class for students with a serious interest in concert modern dance. Further emphasis on correct alignment, development of strength, rhythmic and dynamic activity as well as spatial and locomotor patterns. May be repeated up to 8 credit hours.
- DAA 2200 Fundamentals Of Ballet (2) VP DAN**
A studio class for students with a serious interest in Ballet. Emphasis on correct alignment of the body and a progressive development of positions and barre exercises as well as the application of combinations in center work using classical Ballet vocabulary (French terms). May be repeated.
- DAA 2205 Ballet I (2) VP DAN**
PR: Admission by placement audition. A studio class for students with a serious interest in Ballet. Further emphasis on correct alignment of the body and a progressive development of positions and barre exercises as well as the application of combinations in center work using classical Ballet vocabulary (French terms). May be repeated.
- DAA 2500 Fundamentals Of Jazz Dance (2) VP DAN**
A basic movement course in Jazz Dance involving dance vocabulary, alignment, styles and simple rhythmic patterns. May be repeated up to 6 credits.
- DAA 2504 Jazz Dance (2) VP DAN**
PR: Admission by placement audition and DAA 2500. A technique class for the intermediate level dancer to become acquainted with the dance styles and forms of musical theatre and concert jazz dance. Emphasis is on highly stylized movement with a strong rhythmic base. May be repeated.

332 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

DAA 2540 Theatre Dance Styles (2) VP DAN

PR: DAA 2500 or DAA 2504 or CI. Development of technical skills in social and historical dance forms frequently stylized for use by dance choreographers. Forms to be studied will include polka, clogging, waltz, folk, tap dancing, etc. May be repeated up to 6 credits.

DAA 2570 Jazz Theatre Dance (3) VP DAN

PR: Admission by placement audition and DAA 2504. Further emphasis on projection, phrasing, rhythmic patterns and dynamics. Solo and ensemble studies leading to performance. May be repeated up to 6 credits.

DAA 2760 Tai Chi (2) VP DAN

This course is an introduction to the study of Tai Chi focusing on the philosophy and postures of this martial art. May be repeated.

DAA 2761 Introduction to Yoga (2) VP DAN

This course is designed to provide students with an understanding of basic Yoga philosophy and practice which includes postures, meditation and breath techniques. May be repeated.

DAA 3108 Modern Dance II (3) VP DAN

PR: Admission by placement audition. Study of principles of modern dance technique. Practical work in exercises and movement phrases, utilizing changing rhythms and dynamics. Concert and performance attendance required. May be repeated.

DAA 3109 Modern Dance III (2-3) VP DAN

PR: Admission by placement audition. Continuation of DAA 3108. Further emphasis on style and phrasing. Work on projecting mood and quality by dancing and rehearsing in more advanced choreography, leading to performance. May be repeated.

DAA 3208 Ballet II (3) VP DAN

PR: Admission by placement audition. Positions and barre exercises. Emphasis on correct alignment of the body and the application of simple step combinations in centre work. The use of ballet vocabulary (French terms). Material is covered almost totally as practical work in class with a few outside projects. Concert and performance attendance required. May be repeated.

DAA 3209 Ballet III (2-3) VP DAN

PR: Admission by placement audition. Continuation of DAA 3208. Intensification of barre exercises for the development of strength and form. Application of phrasing and movement. Material covered as practical work in class for concerts and performances. May be repeated.

DAA 3294 Ballet Variations (1) VP DAN

PR: DAA 3209. This course provides instruction in various forms of ballet. Semester courses include: Pointe technique, Men's Class, Character Dance, Spanish Dance and Partnering. BFA Ballet concentration students are required to complete two semester hours. May be repeated.

DAA 3394 World Dance Topics (1) VP DAN

Students will experience fundamental knowledge of dance representing various world cultures. In addition to a dance/movement component, a connection will be made to historical, spiritual/religious, ethnological and environmental indigenous aspects of people involved in dance as a cultural experience. May be repeated.

DAA 3614 Choreography I (2) VP DAN

PR: DAN 3614. CR: DAA 3108. BFA students must be concurrently enrolled in Modern III/IV and Ballet III. Study and execution of basic principles of composition. Preparation of studies in theme and variations, breath phrases and metric phrases.

DAA 3615 Choreography II (2) VP DAN

PR: DAA 3614. Preparation of studies in rhythm, dynamics, form and motivation.

DAA 3624 Dance Improvisation (2) VP DAN

For majors and non-majors. Exploring various methods of spontaneously creating dance movement in individual and group situations. Structured and unstructured approaches will be explored. May be repeated.

DAA 3654 Repertory I (1) VP DAN

PR: Admission by audition. The development and performance of solo and/or group dances.

DAA 3684 Repertory II (1) VP DAN

PR: Admission by audition. The development and performance of solo and/or group dances.

DAA 3686 Performance (1-2) VP DAN

PR: Admission by audition. Open to all university students proficient in dance techniques and concurrently enrolled in Technique. Involves rehearsal and performance of works presented by the department. May be repeated.

DAA 4111 Modern Dance IV (3-4) VP DAN

PR: Admission by placement audition. Intense work on the growth of personal performance styles. Equal emphasis will be

given to training the body in the development of technical excellence. May be repeated.

DAA 4211 Ballet IV (3-4) VP DAN

PR: Admission by placement audition or CI. Perfecting the execution of barre work. Intensification of centre work. More stress on aesthetic quality of movement and phrasing. Students expected to be proficient in pointe work. Outside projects, concerts, and performances are required. May be repeated.

DAA 4616 Choreography III (2) VP DAN

PR: DAA 3615. CR: DAA 3109 or above. Work directed toward duets and group dances. The students will submit choreographic ideas for instructor's approval, then proceed with rehearsals. Lec-lab., reading. Rehearsal hours to be arranged.

DAA 4617 Choreography IV (2) VP DAN

PR: DAA 4616. The student will prepare studies based on free form, minimal art, and chance methods. Lec-lab., reading.

DAA 4685 Performance (1-3) VP DAN

PR: Admission by audition. Open to all university students proficient in dance techniques and concurrently enrolled in Technique. Involves rehearsal and performance of works presented by the department. May be repeated.

DAA 4687 Performance (1-2) VP DAN

PR: Admission by audition. Open to all university students proficient in dance techniques and concurrently enrolled in Technique. Involves rehearsal and performance of works presented by the department. May be repeated.

DAA 4694 Senior Choreography Project (1) VP DAN

PR: Dance majors with senior standing. The creation of an original group work and solo within the senior's major concentration-ballet or modern. To be performed and presented with the concurrence of a faculty advisor.

DAA 4920 Dance Studies (1-4) VP DAN

PR: CI and CC. Dance Major status. Individual study to extended competency in technique and performance of Dance through participation in special workshops.

DAE 3351 Ethnic/Folk Dance (2) VP DAN

An exploration of ethnic and folk dance forms in various cultures of the eastern and western hemispheres. Students will investigate ways of doing, making, and teaching dances through studio work, videos, performances, and readings.

DAE 4300 Dance Pedagogy: Theory and Practice (3) VP DAN

PR: CI, CC. Designed to provide prospective teachers with opportunities to develop concepts of pedagogy based on principles of teaching/learning dance. Specific sections will focus on Secondary Curriculum and Methods and on Pre-K and Elementary Methods.

DAE 4310 Dance Pedagogy: Pre-School to Elementary (3) VP DAN

This course is designed to meet the needs of students in Dance Education to understand the scope and sequence of dance curriculum design and teaching methods appropriate to Pre-K and elementary students.

DAE 4340 Dance Pedagogy: Secondary Curriculum (3) VP DAN

This course is designed to meet the needs of students in Dance Education to understand the scope and sequence of dance curriculum design and teaching methods appropriate to the secondary student.

DAE 4397 Special Studies Dance Education (3) VP DAN

PR: CI and CC. PR: CI and CC. For majors and non-majors. Designed to provide prospective dance teachers with opportunities to develop concepts of pedagogy based on principles of teaching-learning in dance techniques and choreography. May be repeated up to 9 credit hours.

DAE 4936 Senior Seminar in Dance Education (2) VP DAN

CR: DAE 4940 This course represents a synthesis of the teacher Candidate's courses and is required concurrently with the internship.

DAE 4940 Internship in Dance Education (1-12) VP DAN

CR: DAE 4936. S/U only. One full semester of internship in a public or private school. In special programs where the intern experience is distributed over two or more semesters, students will be registered for credit which accumulates from 9 to 12 semester hours.

DAN 2100 Introduction To Dance 6A FA (3) VP DAN

For majors and non-dance majors, a study of the art and language of dance through lectures, discussions, concert attendance, and studio practice. Designed to develop awareness and insight of this art form through discussion, observation, writing, and movement experience.

DAN 2160 Entry Seminar (2) VP DAN

This is a study of dance-related career opportunities through lectures, assigned reading and video viewing. This course will

aid majors in understanding dance as an aesthetic art form through discussion and critical evaluation.

DAN 3584 Practicum In Dance Production (2) VP DAN

A practicum in mounting dance concerts with shop work and backstage participation. Intended for students working in costuming, set preparation, light presentation, stage management and production crew. Dance majors must have 4 credits. May be repeated.

DAN 3614 Music For Dance (2) VP DAN

PR: Designed for majors and non-majors. Development of musical skills in movement studies. Continued study of the inter-relationship of music and dance through movement experiences, observations, video, and writing.

DAN 3615 Music For Dance II (2) VP DAN

PR: DAN 3614. Development of practical music skills in relation to dance. Continued problems in rhythmic materials and the relationship of music forms to dance. Elements within historical context.

DAN 3714 Dance Kinesiology (3) VP DAN

This course will give the student an understanding of basic human anatomy and how it functions in relation to movement, injury prevention, teaching and performance. Individual structural differences and how these affect movement potential will also be studied. There will be an emphasis on the kinesiological analysis of movement with the goal of increased efficiency, enhanced performance and injury prevention.

DAN 4134 Dance History Through the 19th Century 6A XLW (3) VP DAN

Designed for majors and non-majors, this course will present a comprehensive view of the evolution of dance as an art form from its origins through the 19th Century. It is designed to develop awareness and insight through lecture, discussion, video, observation and writing.

DAN 4135 20th Century Dance XMW (3) VP DAN

Designed for majors and non-majors, this course will trace the development of dance as an art form in the 20th Century. It is designed to develop awareness and insight through lecture, discussion, video, observation and writing. Students will be required to attend at least two dance performances.

DAN 4162 Research in Dance (2) VP DAN

PR: Dance major with Junior standing, and completion of two courses in secondary area. Course will introduce basic research methodologies for conducting research in the dance genre, and will serve the student in preparing for future research based study in the field of dance. Students will conduct library, internet, and field research.

DAN 4181 Dance Senior Seminar (2) VP DAN

PR: Dance major with senior status. A study of career opportunities in performance, teaching, research, design, and choreography. To aid majors in self-appraisal as artists and develop methods to further their potential in the professional world. Discussion, critical evaluation and projects.

DAN 4404 Laban Movement Analysis (3) VP DAN

Specialized study in movement theories, body alignment, and movement patterns focusing on the scientific and analytical basis of movement in dance with consideration for developmental processes, technique, creative expression, and performance.

DAN 4906 Directed Study (1-5) VP DAN

PR: CI, CC. Independent studies in the various areas of Dance. Must receive approval prior to registration. May be repeated.

DAN 4930 Selected Topics In Dance (1-5) VP DAN

PR: CI and CC. The content of the course will be governed by student and instructor interest. May be repeated by majors.

DEC 4161 Program Management of Distributive and Marketing Education (3) ED EDV

The study of the purposes, processes, organization, planning, directing, coordinating and evaluation of Distributive and Marketing Education Cooperative Programs.

DEP 2004 The Life Cycle (3) AS GEY

An examination of individuals and the physical, cognitive, personality, and social changes which occur throughout the entire life span.

DEP 3103 Child Psychology SS (3) AS PSY

Not for major credit. Developmental and psychosocial aspects of childhood, including hereditary, maturational, psychological, and social determinants of child behavior.

DEP 4053 Developmental Psychology (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. Survey of methods, empirical findings, and theoretical interpretations in the study of human development.

DEP 4135 Psychology of Language Development (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. Available both to majors and non-majors. Surveys the course of and processes underlying normal language development. Presents data and theory on phonological, semantic, syntactic, and pragmatic development.

EAB 4715 Supervised Practicum and Field Experience in Applied Behavior Analysis (1-6) AS PSY

PR: PSY 4933 with a grade of B or better. Does not count toward major credit. (S/U only). Field experience in Behavior Analysis in applied settings. Under the supervision, involves the design, implementation and evaluation of behavior analysis methods in applied settings. Includes both field practicum and didactic components. May be repeated for a maximum of 6 hours. Does not count toward major credit (S/U only).

EAP 1850 English for Foreign Students I (3) AS WLE

A special course for students learning English as a second language. Intensive study and drill in American English pronunciation and listening comprehension.

EAP 1851 English for Foreign Students II (3) AS WLE

PR: EAP 1850 or CI. A continuation of EAP 1850. Emphasis on reading and composition.

EAS 4121 Hydro and Aerodynamics (3) EN EGR

PR: EML 3701, MAP 2302. Advanced fluid dynamics, ideal and viscous flows, applications to flow around immersed bodies.

ECH 3023C Process Engineering 1: Algebraic and Graphical Description (4) EN ECH

PR: EGN 3343. CR: CHM 4410 or ECH 4123C. Integration of previous knowledge into the definition of reactors and separation processes, through the hierarchical use of material balance, phenomenological and energy balance equations. Representation of streams as arrows and processes as black boxes in Box Flow Diagrams, BFD. Application of degree of freedom analysis.

ECH 3023L Chemical Engineering Lab I (1) EN ECH

PR: EGN 3343; CP: ECH 3023C The theory and application of chemical engineering instrumental measurement methods: density, temperature, flow, pressure, viscosity, refractive index, humidity, gaseous and liquid composition, and pH/ion selective electrodes (ISE) analysis.

ECH 3702 Instrument Systems I (4) EN ECH

PR: EGN 3373. Application of discrete logic operations for sensor interfaced and process control situations in Chemical & Mechanical Engineering, use of programmable logic controllers in process control. Introduction to the use of personal computer I/O interface cards of control application.

ECH 4123 Chemical Engineering Thermodynamics (3) EN ECH

PR: EGN 3343 Correlation of thermodynamic properties of real systems and solutions. Description of multicomponent, multiphase systems in equilibrium. Applications to separation processes and reactor design.

ECH 4264 Transport Phenomena (4) EN ECH

PR: MAP 2302, EGN 3343. Mathematical description and solution of fundamental problems in heat, mass and momentum transfer. Estimation of transport coefficients. Application in fluid flow and heat exchange.

ECH 4265C Process Engineering 2: Separation Processes (4) ENECH

PR: ECH 3023C, ECH 4264, CHM 4410 or ECH 4123C. Integration of phase equilibria with the principles of fluid mechanics, heat and mass transfer in the description of separation processes. Selection of the number of stages and limiting operating conditions in cascades — NTU and HTU. Sizing of partial condensers and pressure differential in columns. Transfer to single particles.

ECH 4265L Chemical Engineering Laboratory II (1) EN ECH

CP: ECH 4265C. Chemical Engineering processes laboratory experiments: fluid flow, heat transfer, phase and chemical equilibria, reacting systems, and process control.

ECH 4323C Automatic Control I (4) EN ECH

PR: ECH 4265C, ECH 4415C, MAP 2302. Analysis of factors affecting process dynamics. Instrumentation required for control system design. Modes of control and feedback controllers. Stability. Design case studies. Simulation of processes.

ECH 4415C Process Engineering 3: Reacting Systems (4) EN ECH

PR: ECH 3023C, CHM 4412. Integration of chemical equilibrium and kinetics, heat transfer and fluid mechanics into the hierarchical description of reacting systems. Analysis and selection of operating conditions and contacting models. Sizing. Restricted to department majors.

ECH 4415L Chemical Engineering Lab III (1) EN ECH

Chemical Engineering Processes laboratory experiments: fluid flow, heat transfer, reacting systems, and process control.

ECH 4615 Plant Design MW (4) EN ECH

334 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

- PR: ECH 4415C, ECH 4845; CP: ECH 4323C. Synthesis and analysis of economically feasible and environmentally acceptable chemical processing routes. Design of chemical production facilities including waste disposal and treatment facilities. Chemical product design and quality. Social, economic and employment issues in Chemical Processing Industry. Computer-Aided Design. Case studies and Design Project.
- ECH 4741 Engineering of Biological Systems (3) EN ECH**
PR: CHM 2045 and Junior or Senior Status. This course is designed to convey the basics of biological systems and the roles that engineers play in industrial biology to engineering students (primarily) and to students that are majoring in other sciences.
- ECH 4824 Introduction to Materials Science (3) EN ECH**
PR: EGN 3343 Thermodynamics 1 or consent of instructor. Introduction to the main families of materials and principles behind their design, selection, development, and behavior. Relationship of properties to structure and processing of materials.
- ECH 4845 Quantitative Methods in Chemical Engineering (3) ENECH**
PR: ECH 3023C, ECH 4264, MAP 2302. Modeling and analysis of Chemical Engineering Systems; Numerical solution of sets of non-linear equations, ordinary and partial differential equations, optimization.
- ECH 4905 Independent Study (1-4) EN ECH**
PR: CI. Specialized independent study determined by the student's needs and interests. Students must have contract with instructor.
- ECH 4930 Special Topics in Chemical Engineering (1-4) EN ECH**
PR: CC.
- ECH 4931 Special Topics in Chemical Engineering (1-4) EN ECH**
PR: CI.
- ECH 4936 Undergraduate Seminar (1) EN ECH**
PR: ECH 3023C Introduction to the profession. Career development. Information sources for Chemical Engineers. Professional organizations. Ethics in the profession. Safety and Chemical Engineering. Lifelong learning. Leadership in the profession. Legal issues.
- ECH 5324 Automatic Process Control II (3) EN ECH**
PR: ECH 4323C or CI, majors only / 2 hrs lec., 3 hrs. lab/week. The course covers the root locus and frequency response methods to study stability of control loops. The techniques of ratio, cascade, feed forward, selective, override, and multi-variable control techniques are discussed in detail and shown how to utilize to design control systems, z-transforms and discrete controllers including PID, Dahlin and deadline compensation.
- ECH 5740 Theory and Design of Bioprocesses (3) EN ECH**
Introduction to biotechnology, including applied microbiology, enzyme technology, biomass production, bioreactor design, and transport processes in biosystems.
- ECH 5742 Pharmaceutical Engineering (2) EN ECH**
Introduction to pharmaceutical engineering, including dosage forms (tablets, capsules, powders, liquids, topical forms, and aerosols), recipients, regulatory issues, clinical studies, and good manufacturing practices.
- ECH 5747C Selected Topics in Chemical Engineering Biotechnology (1-3) EN ECH**
PR: Senior or GS standing in engineering or CI. Open to majors and non-majors with CI. Selected topics in engineering in biotechnology, including cell separation technology, immobilized enzymes and cells, food engineering, biohazardous waste, and bioseparations.
- ECH 5820 Product Development (2) EN ECH**
PR: Senior or GS in Engineering or CI. Introduction to the development of consumer products, including the history of innovation, creativity development, the product development environment, and a detailed examination of several product areas.
- ECH 5930 Special Topics III (1-4) EN ECH**
PR: CI.
- ECH 5931 Special Topics IV (1-4) EN ECH**
PR: CI.
- ECO 1000 Basic Economics SS (3) BA ECN**
No credit after completing either ECO 2023 or ECO 2013. Survey of economic principles and issues. Scarcity, choice, markets, prices, the monetary system, unemployment, inflation, international trade and finance.
- ECO 2013 Economic Principles (Macroeconomics) SS (3) BA ECN**
Introduction to the theory of income determination with emphasis on monetary and fiscal policies. Objectives of full employment, price stability, economic growth and balance of payments stability.
- ECO 2023 Economic Principles (Microeconomics) SS (3) BA ECN**
Introduction to the theory of price determination. How an economy decides what to produce, how to produce, and how to distribute goods and services.
- ECO 2935 Selected Topics In Economics (1-3) BA ECN**
Not available for credit to upper-level students admitted to the College of Business. Topics selected by department. May be repeated if topics vary.
- ECO 3100 Managerial Economics (3) BA ECN**
PR: ECO 2023. Application of microeconomic theory to problems in business decision making with a special focus on price determination. May not receive credit for both ECO 3100 and ECO 3101.
- ECO 3101 Intermediate Price Theory (3) BA ECN**
PR: ECO 2023. The price system and allocation of scarce resources between competing uses. May not receive credit for both ECO 3100 and ECO 3101.
- ECO 3203 Intermediate Macroeconomics (3) BA ECN**
PR: ECO 2013 and ECO 3100 or ECO 3101 with a grade of "C" or better. Determination of income, employment, prices, and interest rates. Aggregate demand and aggregate supply.
- ECO 3622 American Economic History (3) BA ECN**
PR: ECO 2013 and ECO 2023. Growth and evolution of American economic institutions from Colonial times to the present.
- ECO 3703 International Economics MW (3) BA ECN**
PR: ECO 2013 and ECO 2023. Role of international trade in the U.S. economy. Gains from trade, balance of payments, exchange rate determination, balance of payments stability, and international commercial policy.
- ECO 4105 Advanced Price Theory (3) BA ECN**
PR: ECO 3100 or ECO 3101 with a grade of "B" or better. An advanced survey of special topics in microeconomics: borrowing and saving, decision making under uncertainty, markets for capital and labor, game theory, production and exchange efficiency, social welfare, and efficiency consequences of market and non-market allocation.
- ECO 4201 Advanced Macroeconomic Theory (3) BA ECN**
PR: ECO 3203 with a grade of "B" or better. An advanced analysis of a particular topic or topics in macroeconomics. Areas of study include the theories of money, growth, and business cycles. Discussions of how such theories accord with the data are also presented.
- ECO 4303 History Of Economic Thought (3) BA ECN**
PR: ECO 2013 and ECO 2023. Development of economic thought from Plato to Marshall.
- ECO 4323 Radical Political Economy MW (3) BA ECN**
PR: ECO 1000 or ECO 2013 or ECO 2023 or CI. The radical (left) and Marxist schools of thought in economics. Application of radical theory to problems of advanced capitalist and socialist societies.
- ECO 4401 Introduction to Mathematical Economics (3) BA ECN**
PR: ECO 3100 or 3101, and MAC 2241 or MAC 2233 or CI. Mathematical models of optimizing behavior and economic equilibrium.
- ECO 4421 Introduction to Econometrics (3) BA ECN**
PR: ECO 3100 or 3101, and QMB 3200 with a grade of "B" or better or CI. Survey of basic econometric techniques. Regression analysis employed to estimate consumption, investment, demand, cost, and production functions. Examines problems of autocorrelation, heteroscedasticity, multicollinearity, and specification errors.
- ECO 4504 Public Finance (3) BA ECN**
PR: ECO 3100 or ECO 3101 with a grade of "C" or better. The public sector and its contribution to economic welfare. Government expenditures and revenues. Resource allocation, income distribution, stabilization, and economic growth.
- ECO 4713 International Macroeconomics (3) BA ECN**
PR: ECO 3100 or ECO 3101 with a grade of "C" or better. Advanced analysis of international macroeconomic relationships. Foreign exchange market, international monetary system balance of payments.
- ECO 4723 International Trade and Policy (3) BA ECN**
PR: ECO 3100 or ECO 3101 with a grade of "C" or better. Advanced analysis of international trade theory and commercial policy, international economic integration, multinational enterprise.
- ECO 4905 Independent Study (1-3) BA ECN**
PR: CI. S/U only. Specialized independent study determined by the student's needs and interests. May be repeated up to 6 hours.
- ECO 4914 Independent Research (1-3) BA ECN**
PR: CI. Individual study contract with instructor and department chairperson required. The research project will be mutually

- determined by the student and instructor. May be repeated up to 6 hours.
- ECO 4935 Selected Topics in Economics (1-3) BA ECN**
Topics to be selected by the instructor or instructors on pertinent economic issues.
- ECP 3201 Economics of Women and Work MW (3) BA ECN**
PR: ECO 1000 or ECO 2013 and ECO 2023. Survey of research on women, men and work in the labor market and the household. Focuses on the economic status of women. Includes historical perspective, examination of the family as an economic unit, changing work roles, and gender differences in occupation and earnings.
- ECP 3203 Labor Economics (3) BA ECN**
PR: ECO 3100 or ECO 3101 with a grade of "C" or better. Determinants of wage and employment levels; occupational, industrial and geographical wage differentials; union and public policy effects on labor markets; the economics of discrimination; inflation, and unemployment.
- ECP 3302 Environmental Economics MW (3) BA ECN**
PR: ECO 2023. An economic analysis of environmental issues. The economics of resource use and pollution control are examined using the concepts of externalities, cost-benefit analysis, public goods, and property rights.
- ECP 3413 Economics of Regulation and Antitrust (3) BA ECN**
PR: ECO 2013 and ECO 2023. Economic analysis of the rationale and performance of government regulation and antitrust policy. Examination of antitrust issues such as price fixing, mergers, and monopolization, and issues regulating electric utilities, airlines, trucking, consumer product safety, product quality, and the environment.
- ECP 3530 Economics of Health (3) BA ECN**
PR: ECO 3100 or ECO 3101 with a grade of "C" or better. Application of economic methods to health care topics such as demand for medical care, public and private health insurance, physician and hospital supply of medical care, government regulations, and national healthcare systems.
- ECP 3613 Economics of the Urban Environment MW (3) BA ECN**
PR: ECO 1000 or ECO 2013 or ECO 2023 or CI. Economic analysis of cities and urban social problems. Poverty, discrimination, housing, transportation, pollution, crime, and fiscal considerations.
- ECP 4232 Collective Bargaining and Public Policy (3) BA ECN**
PR: ECO 2023 or CI. Administration of labor management agreements. Impact of the government role in collective bargaining and labor relations.
- ECP 4451 Law and Economics (3) BA ECN**
PR: ECO 2013 and ECO 2023. Advanced analysis of the economic impact of tort, criminal, property, and contract law as well as in the formation and adjudication of law.
- ECP 4505 Economics of Crime (3) BA ECN**
PR: ECO 2013 and ECO 2023. Application of economic theory to the analyses of criminal behavior, crime prevention, law enforcement, sanctions, and corrections.
- ECS 3013 Economic Development (3) BA ECN**
PR: ECO 2013 and ECO 2023. Economic development in emerging nations.
- ECS 4003 Comparative Economic Systems MW (3) BA ECN**
PR: ECO 1000 or ECO 2013 or ECO 2023 or CI. The major economic systems: traditional, capitalism, democratic socialism, communism and fascism.
- ECS 4430 Economics of Latin America AF MW (3) BA ECN**
PR: ECO 1000, or BOTH ECO 2013 and ECO 2023. The course examines key aspects of economic reform efforts in Latin America and the Caribbean and the challenges facing the region at the beginning of the 21st century.
- EDE 4223 Creative Experiences for the Child (3) ED EDE**
PR: Acceptance into College of Education. Provides students with critical understanding of visual arts, music, movement, and drama in K-6 curriculum. Students will develop knowledge and strategies to incorporate creative expression into integrated curriculum. Restricted to majors. Not repeatable.
- EDE 4301 Classroom Management, School Safety, Ethics, Law and Elementary Methods (3) ED EDE**
PR: Admission to the program in the Department of Childhood Education. This course examines the legal issues affecting classroom/school management, school safety, professional ethics and elementary school methods. The course explores the current knowledge of best practices of a variety of teaching and management strategies and methods deemed appropriate for a diverse elementary classroom setting including ESOL students and other exceptionalities.
- EDE 4905 Independent Study: Elementary Education (1-4) ED EDE**
S/U only. Specialized independent study determined by the student's needs and interests.
- EDE 4909 Directed Study: Elementary Education (1-4) ED EDE**
PR: Senior standing. To extend competency in teaching field.
- EDE 4940 Internship: Elementary Education (10-12) ED EDE**
PR: EDE 4941 and EDE 4942; CR: EDE 4936. S/U only. Teacher candidate is required to demonstrate professional competencies during one semester of full day internship in a public or private elementary school.
- EDE 4941 Childhood Education Internship Level I (3) ED EDE**
PR: Admission to the Elementary Education. CR: RED 4310, EDG 4620. Concurrent enrollment in EDG 4620-Elementary section. S/U only. Students spend six hours per week in a supervised in-school experience and attend weekly seminar.
- EDE 4942 Childhood Education Internship Level II (6) ED EDE**
PR: EDE 4941, RED 4310, EDG 4620, EDF 3122, LAE 4314, EDE 4301, MAE 4310, SCE 4310, LAE 4414, SSE 4313, EME 2040. S/U only. Students spend 12 hours per week in a supervised internship experience in classroom settings and attend a weekly seminar.
- EDF 2005 Introduction to Education and Field Experience (3) ED EDC**
Introductory survey course required for admission into the College of Education. A broad overview of the history, sociology and philosophy of education in the United States focuses on education as a field of study and teaching as a profession. Includes lecture and field experience.
- EDF 3122 Learning and the Developing Child (3) ED EDF**
PR: General psychology and admission to College of Education. Preadolescent child growth and development, learning theory, and behavioral analysis applied to instruction and to the organization and management of classroom.
- EDF 3214 Human Development And Learning (3) ED EDF**
PR: General psychology and admission to College of Education. Application of respondent and operant learning principles to classroom learning, teaching models for different instructional goals, analysis of teacher behavior, micro-teaching.
- EDF 3228 Human Behavior and Environmental Selection 6A MW (3) ED EDF**
Learning principles, behavior analysis applied to global environmental and social issues. Requires elementary computer word processing skills.
- EDF 3604 Social Foundations of Education MW (3) ED EDF**
PR: Upper level standing. Social, economic and political context within which schools function and the values which provide direction for our schools.
- EDF 4111 Child Growth and Learning (3) ED EDF**
An introduction to child development and learning from an educational and psychological perspective. Emphasis is on the application of relevant constructs as they would reflect developmentally appropriate practices in early childhood learning settings.
- EDF 4131 Learning And The Developing Adolescent (3) ED EDF**
PR: General psychology and admission to College of Education. Adolescent growth and development, learning theory, and behavioral analysis applied to instruction and to the organization and management of the classroom.
- EDF 4430 Measurement For Teachers (3) ED EDQ**
PR: Upper level standing. Concepts and skills related to designing and developing classroom tests; evaluating tests, instruction, and student progress; and communicating student achievement. Including application of performance assessment techniques and computer applications for measuring and assessing pupil progress.
- EDF 4905 Independent Study: Educational Foundations (1-4) EDEDF**
PR: DPR. S/U only. Specialized independent study determined by the student's needs and interests.
- EDF 4909 Directed Study: Educational Foundations (1-3) ED EDF**
PR: Senior Standing. Offered only as a scheduled class. To extend competency in teaching field.
- EDF 5607 Trends in the Social-Political Foundations of Schooling in the US (3) ED EDF**
Current debates re: purpose and practice of formal schooling in the U.S. with historical and sociological perspectives. Satisfies social foundations requirements for Fla. Teacher certification and ESL competency in knowledge of intercultural issues in education.
- EDG 2701 Teaching Diverse Populations and Field Experience (3) EDEDC**
Introductory survey course required for admission into the College of Education. Places schools and teaching within the

context of the U.S. as a pluralistic society. Topics include: the demographics of diversity; prejudice; elements of culture; American heritage of diversity and its value; and barriers to cultural understanding. Includes lecture and field experience.

EDG 4320 Introduction to Creative Drama (3) VP EDD

This course for classroom teachers introduces the theory and practice of creative drama as it applies to use by elementary, middle school and secondary school teachers. Beginning with a study of dramatic play as it relates to human development, the course includes basic strategies when using pantomime, voice improvisation, theatre games, and role playing and story dramatization.

EDG 4620 Curriculum and Instruction (3) ED EDC

An introduction to the field of curriculum and instruction. Emphasis is placed on principles of curriculum development and use of instructional strategies. Students will develop, implement, and evaluate a variety of lesson plans.

EDG 4909 Directed Studies (1-4) ED EDC

PR: Senior standing. Offered only as a scheduled class. Department permit required. To extend competency in teaching field.

EEC 2000 Introduction to Early Childhood Education (3) ED EDU

An overview of early childhood education with emphasis on its historical development, current theories, and practices.

EEC 4008 Literature in Early Childhood Education 6A LW (3) ED EDU

Jr./Sr. Standing. Emphasis is placed on developing knowledge of literature for younger children (0-8 yrs.) and methodologies and strategies for utilizing literature to teach literacy in content areas of the curriculum.

EEC 4203 Programs for Young Children (3) ED EDU

PR: Admission to College of Education. Early Childhood majors only. Develops students' understanding of historical and social foundations of early childhood education, establishing professional beliefs regarding teaching young children, and developing an appropriate learning environment.

EEC 4211 Integrated Curriculum: Science and Mathematics (3) EDEDU

PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Develops an understanding of science and mathematical concepts for the appropriate stages of cognitive development of young children. Emphasis will be placed on how science and mathematics are integrated throughout the curriculum and become valued functional tools.

EEC 4212 Integrated Curriculum: Social Sciences/Humanities & Art (3) ED EDU

PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Develops an understanding of appropriate curriculum experiences in social science, humanities, and arts for kindergarten and primary grades with an emphasis on integrated experiences, and sociological influences such as culture, ethnicity, language and gender impact understandings, values, and learning.

EEC 4300 Cognitive Experiences for Young Children (3) ED EDU

PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Emphasizes theoretical and practical aspects of cognitive development for children ages 3 through 6 with focus on planning integrated experiences and content in science, mathematics, and social sciences.

EEC 4303 Creative and Affective Experiences for Young Children (3) ED EDU

PR: Admission to College of Education. Early Childhood majors only. Develops students' understandings of young children's creative expression through art, music, movement, play and drama. Emphasizes how to plan, implement, and evaluate appropriate learning experiences as well as selection of appropriate instructional materials.

EEC 4408 Child, Family & Teacher Relations (3) ED EDU

PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Focuses on developing an understanding of traditional and non-traditional families, structural and life style variations and parenting in diverse cultures and at-risk families. Implications from these understandings will guide development of a parent involvement plan that includes effective ways to communicate with parents, conference with parents, and plan parent meetings and home visits.

EEC 4706 Language and Emerging Literacy (3) ED EDU

PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Provides knowledge of language development and emerging literacy for typical and atypical development in children from birth to third grade, including ESOL children.

EEC 4905 Independent Study: Early Childhood Education (1-4) EDEDU

PR: S/U only. Early Childhood majors only. Specialized independent study determined by the student's needs and interests.

EEC 4909 Directed Study: Early Childhood Education (1-3) ED EDU

PR: Senior standing. To extend knowledge in teaching field.

EEC 4936 Senior Seminar in Elementary Early Childhood Education (2) ED EDU

PR: Senior standing; CR: EEC 4940. Synthesis of teacher candidate's courses in complete college program.

EEC 4940 Internship: Early Childhood (10-12) ED EDU

CR: EEC 4936. S/U only. Teacher candidate is required to demonstrate professional competencies during one semester of full-day internship in a public or private elementary school.

EEC 4941 Field Experience I (3) ED EDU

PR: Admission to College of Education. Early Childhood majors only. Field placement with three and four year olds where teacher candidates have opportunities to apply knowledge and skills in authentic situations and become objective observers of young children's development. Weekly seminars are conducted in conjunction with the field experience which provide teacher candidates an opportunity for reflection on their understandings.

EEC 4942 Field Experience II (3) ED EDU

PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Field placement in kindergarten or primary grade where teacher candidates have opportunities to apply knowledge and skills in authentic situations. Emphasis on developing deeper understanding of children's development and implications of development for program planning for both typical and atypical children.

EEC 4943 Field Experience III (3) ED EDU

PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Field placement in kindergarten or primary grade where teacher candidates have opportunities to apply knowledge and skills in authentic situations. Focus on developing deeper understanding of growth and development and relationship to curriculum planning with an emphasis on self-evaluation of knowledge, skills, and dispositions essential for teaching.

EED 4011 Introduction to Behavior Disorders (3) ED EDS

PR: EEX 4011, or equivalent or DPR. Survey of emotional, behavioral and social disorders in children and youth. History of the field, definitions, classifications, theoretical approaches, intervention techniques, classroom management, service delivery models, trends and issues.

EED 4909 Directed Study: Behavior Disorders (1-3) ED EDS

PR: Senior standing, DPR. To extend competency in teaching field.

EED 4941 Undergraduate Supervised Practicum in Behavior Disorders (1-6) ED EDS

PR: EEX 4011. S/U only. DPR. Supervised field experience in assessment, classroom management, and clinical teaching with children who have emotional and behavioral disabilities.

EEL 2161 Electrical Engineering Computer Methods (3) EN EGE

Use of computers to perform analysis, simulation, and design of Electrical Engineering systems. Use of computer systems, including Internet resources. Use of analytical software. Computer programming in C++ for the solution of Electrical Engineering problems.

EEL 3100 Network Analysis and Design (3) EN EGE

PR: EGN 3373. A third course in linear circuit analysis and design. Transient and steady-state responses of passive R-L-C networks to various functions.

EEL 3302 Electronics I (3) EN EGE

PR: EGN 3373. A course in the physical principles of electronic devices with emphasis on semi-conductor electronics. Includes the analysis and design of amplifiers and switching circuits.

EEL 4102 Linear Systems Analysis (3) EN EGE

PR: EGN 3373. Provides further study in the analysis of linear networks and systems. Includes time and frequency domain points of view. Laplace, Fourier and superposition integrals.

EEL 4243 Switching Power Supply Design (3) EN EGE

PR: EEL 4301 Provides the basic principles of switching power supply circuits: magnetic circuits, power semiconductors, Buck, Boost, and Flyback configurations, dc to dc converters, dc to ac inverters. Requires the design and construction of a switching power supply.

EEL 4301 Electronics II (3) EN EGE

PR: EEL 3302. Provides further study in electronic circuits. Includes feedback and frequency response techniques in amplifier design.

EEL 4305 Communications Electronics (3) EN EGE

- PR: EEL 4301 Provides the basic principles of RF communications circuits including oscillators, mixers, high frequency amplifiers, etc. Requires the design and implementation of a short range communications link including a transmitter and a superheterodyne receiver.
- EEL 4351C Semiconductor Devices (3) EN EGE**
PR: EEL 4935 or EEL 4936 or EEL 4937. (Electronic Materials) An introduction to the fundamentals of semiconductor materials and semiconductor device operation.
- EEL 4420 RF & Microwave Measurements (2-3) EN EGE**
PR: EEL 4316L or CI. This course introduces students to the theory and applications of modern radio frequency and microwave measurements. Topics to be included are network analyzer, spectrum analyzer, noise, power, and non-linear distortion measurements. Modern trends also treated are the use of on-wafer measurements for transistor characterization and the evaluation of monolithic microwave integrated circuits.
- EEL 4421 RF/Microwave Circuits I (3) EN EGE**
PR: EEL 3100, EEL 4471. Introduction to passive microwave circuit design. Investigate the characteristics of transmission lines used in modern microwave systems, the tools used for analysis, and some common circuit topologies for matching, filtering and power distribution. Part one of a two-part sequence. EE majors only. Not available on an S/U basis.
- EEL 4422 RF/Microwave Circuits II (3) EN EGE**
PR: EEL 4421. Introduction to active RF/Microwave circuit design. Investigate the characteristics of amplifiers and oscillators used in modern microwave systems, the tools used for analysis, and some common circuit topologies for biasing and matching. Substantial coverage of stability analysis, constant gain methods and noise figure. Part two of a two-part sequence. EE majors only. Not available on an S/U basis.
- EEL 4471 Electromagnetics MW (3) EN EGE**
PR: MAP 2302, PHY 2049, PHY 2049L and EE majors or CI. Electromagnetic field theory, including static and dynamic electromagnetic fields; applications; environmental effects (effects of radiation, magnetic fields).
- EEL 4512C Introduction to Communication Systems (3) EN EGE**
PR: EEL 3100. Provides an introduction to the fundamental principles and techniques of analog and digital communication systems. Theory is put into practice by investigating a variety of applications. Lectures and projects develop understanding of modern communication systems design and analysis.
- EEL 4567 Electro-Optics (3) EN EGE**
PR: EEL 3301L, EEL 3302L, EEL 4471. An introduction to the field of electro-optics, including visible and infra-red sources and detectors, radiometry, optical and electronic components, and fiber optics.
- EEL 4657 Linear Control Systems (3) EN EGE**
PR: EEL 3100. Introduction to analysis and design of linear feedback control systems. Covers block diagram, flow charts. Bode, Nyquist, and root locus techniques.
- EEL 4705 Logic Design (3) EN EGE**
PR: EGN 3373. Binary number systems; truth functions; Boolean algebra; canonical forms; minimization of combinational logic circuits; synchronous logic circuits in computers.
- EEL 4705L Logic Laboratory (1) EN EGE**
CR: EEL 4705. Develop designs and demonstrate logic concepts. Schematic capture for design implementation, simulation and design verification.
- EEL 4743L Microprocessor Laboratory (1) EN EGE**
CR: EEL 4744. Application of microprocessors and microcontrollers for data entry, processing, display and real time signal input/output and control.
- EEL 4744 Microprocessor Principles and Applications (3) EN EGE**
PR: EEL 4705. Functional Description. Arithmetic and Logic capabilities. Control and Timing. Interrupts and priority systems. Software design and documentation. Distributed function processing.
- EEL 4748 Microprocessor-Based System Design and Application (3) EN ESB**
PR: CDA 3201, CDA 3201L. Study of techniques for design of microprocessor-based systems used in various applications. Includes a project on development of an experimental application system.
- EEL 4756 Signal and Image Processing (3) EN ESB**
PR: EGN 4450, EEL 4851C. Sampling and quantization of signals and images; frequency-domain representations, transforms; filtering, convolution, and correlation; low-level image analysis algorithms; color images; fast methods and parallelism.
- EEL 4781C Distributed Processing and Computer Networks (3) EN ESB**
PR: EEL 4851C. Design and analysis of distributed processing systems. Covers communication hardware and software, network operating systems, and reliability enhancement techniques.
- EEL 4782 Computer Information Networks for Information Technology (3) US EIT**
The course covers concepts of computer networks. Physical and logical structures are presented. Physical media, circuit switching, data flow, high-level protocols, and the ISO model are discussed. Bus, ring, star, and wireless topologies are presented.
- EEL 4782L Information Networks Laboratory for Information Technology (1) US EIT**
CR: COP 4610 or CI. The lab section of this course will allow students to apply hardware and software concepts discussed in the lecture portion of the class. Special isolated networking labs provide both software and hardware tools for student experimentation.
- EEL 4851C Data Structures (3) EN ESB**
PR: CDA 3103, COP 3514 and Degree Program Admission. Fundamentals of data structure and organization for purposes of program efficiency, clarity and simplification. Implementation different data types and structures. Understanding of current data structures for computer applications.
- EEL 4852C Data Base Systems (3) EN ESB**
PR: EEL 4851C. Fundamentals of data base management systems. CODASYL, network, hierarchical, and relational data base systems are analyzed, and typical applications are presented.
- EEL 4854 Data Structures and Algorithms for Information Technology (3) US EIT**
PR: COP 3515 or CI. Representing data for manipulation by the computer is studied. Design and analysis of well-known data structures and algorithms to manipulate them, are studied. Program efficiency, clarity and speed are considered in various structures and algorithms.
- EEL 4905 Independent Study (1-5) EN EGE**
PR: CI. S/U only. Specialized independent study determined by the students' needs and interests.
- EEL 4906 Professional Issues and Engineering Design MW (2) ENEGE**
CR: EEL 4301, EEL 4512C, EEL 4657, EEL 4744. An introduction of engineering design with applications specific to practical engineering problems. Included are discussion of real-world issues as economics, safety, ethics and the environment.
- EEL 4914 Senior Project Design (3) EN EGE**
PR: EEL 4906 and Senior Standing, CI. Students apply the knowledge acquired in the classroom to design a system which meets a predetermined set of specifications. Students work individually or in small groups with a faculty member (project director) in their area of interest. (Majors only.)
- EEL 4935 Special Electrical Engineering Topics I (1-4) EN EGE**
EEL 4936 Special Electrical Engineering Topics II (1-4) EN EGE
EEL 4937 Special Electrical Engineering Topics III (1-4) EN EGE
EEL 5250 Power System Analysis (3) EN EGE
PR: EGN 3375. Analysis and design technique for AC power systems.
- EEL 5344C Digital CMOS/VLSI Design (3) EN EGE**
PR: EEL 4705 or GS. Design, layout, simulation, and test of custom digital CMOS/VLSI chips, using a CMOS cell library and state-of-the-art CAD tools. Digital CMOS static and dynamic gates, flip flops, CMOS array structures commonly used in digital systems. Top down design example of a bit slice processor.
- EEL 5356 Integrated Circuit Technology (3) EN EGE**
PR: EEL 4351 or GS. Physics and Chemistry of integrated circuit and discrete device fabrication, materials limitations, processing schemes, failure and yield analysis. A laboratory is integral to the course.
- EEL 5357 Analog CMOS/VLSI Design (3) EN EGE**
PR: EEL 4301 or GS. Design of analog circuits for CMOS/VLSI design. Op amps, comparators, D to A and A to D converters. Switched capacitor filters. Analog simulation.
- EEL 5382 Physical Basis Of Microelectronics (3) EN EGE**
PR: EEL 4471 or GS. Quantum mechanics with emphasis on electronic properties in atoms, molecules, and crystals; quantum statistics; energy band theory; crystal structures; defect chemistry; semiconductor properties.
- EEL 5437 Microwave Engineering (3) EN EGE**
PR: EEL 4471, EEL 4102, or GS. Introduction to passive and active components, devices, and circuits, including transmission lines and wave guides, employed in microwave integrated circuits and systems.

EEL 5462 Antenna Theory (3) EN EGE

PR: EEL 4471 or GS. Antenna theory beginning with fundamental parameter definitions and continuing with mathematical concepts, elemental antennas and arrays.

EEL 5572C Local and Metropolitan Area Networks (3) EN EGE

PR: EEL 4512C or GS. Basics of data communication exchange of digital information over communication media; Basics of LANs/MANs and its components: media topologies, access methods, etc.; LAN/MAN architectures and protocols-IEEE 802.x LAN Standards; High speed LANs such as FDDI, IEEE 802.6 MAN, etc., Internetworking; LAN/MAN Design and selections.

EEL 5631 Digital Control Systems (3) EN EGE

PR: EEL 4657 or GS. Sample data and digital control processes

EEL 5754C Microprocessor Based Digital Signal Processing (3) ENEGE

PR: EEL 4705 or CI. Arithmetic systems, processing structures, efficient algorithms. DSP hardware, TI, NEC and other DSP microprocessors; multiprocessing hardware and software. System development. Application to telecommunications and voice processing.

EEL 5771 Introduction to Computer Graphics I (3) EN ESB

PR: EEL 4851C. An introduction to the evolution of computer graphics including point-plotting, line drawing, two-dimensional transformations and graphics software packages.

EEL 5935 Special Electrical Engineering Topics I (1-3) EN EGE**EEL 5936 Special Electrical Engineering Topics II (1-3) EN EGE****EEL 5937 Special Electrical Engineering Topics III (1-3) EN EGE****EEX 4011 Foundations of Special Education (3) ED EDS**

PR: DPR. CR: EEX 4941. Characteristics and needs of children who have learning disabilities, emotional disabilities, hearing impairments, mental retardation, physical handicaps, speech impairments, visual limitations, and who are gifted and talented.

EEX 4054 Perspectives on Learning and Behavioral Differences (3) EDEDS

PR: EEX 4011. The purpose of this course is to introduce students to the historical and theoretical perspectives on educating students with learning and behavioral differences, develop a critical understanding of current practices in service delivery systems, and examine professional issues and trends that impact the future of the field.

EEX 4070 Integrating Exceptional Students in the Regular Classroom (2-3) ED EDS

No credit for department majors. Designed for non-special education majors. Includes basic identification techniques and strategies to promote academic and social integration and interaction of "mainstreamed" exceptional students. Concurrent field experience projects are included.

EEX 4221 Educational Assessment of Exceptional Students (3) EDEDS

PR: EDF 3214, EDF 4430 and EEX 4011. CR: EEX 4941 and EEX 4846. DPR. Introduction to assessment of exceptional students through formal and informal techniques. Emphasis placed on the interpretation of information for educational programming and individualization of instruction.

EEX 4243 Education of Exceptional Adolescents and Adults (3) EDEDS

PR: EEX 4011 or equivalent or DPR. Procedures for implementing educational programs for exceptional adolescents and adults. Topics include service delivery, curriculum, academic remediation, advocacy, utilization of ancillary services, alternative programs and community resources.

EEX 4604 Behavior Management for Special Needs and At-Risk Students (3) ED EDS

PR: EEX 4011. CR: EEX 4941, ELD 4941, or EMR 4941. Techniques to prevent, analyze, and manage challenging and disruptive classroom behavior as well as teaching social skills.

EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues 6A LW (3) ED EDS

DPR. This course is designed to use literature as a way to interpret the lives of individuals with disabilities, their families and those who play an educational role in their lives. The course also addresses cultural and ethnic diversity so as to better analyze the role of ethics and values in decisions made pertaining to individuals with disabilities.

EEX 4846 Clinical Teaching in Special Education (3) ED EDS

PR: EEX 4011, DPR. CR: EEX 4941. Effective teaching principles, instructional management procedures, and specialized teaching techniques for exceptional students.

EEX 4905 Independent Study: Exceptional Student Education (1-3) ED EDS

PR: DPR. S/U only. Specialized independent study determined by the student's needs and interests.

EEX 4909 Directed Study: Exceptional Student Education (1-3) EDEDS

PR: Senior standing. DPR. To extend competency in teaching field.

EEX 4936 Senior Seminar in Exceptional Student Education (1) EDEDS

PR: Senior standing; CR: EEX 4940. Required concurrently with internship. Synthesis of teacher candidate's courses in complete college program.

EEX 4940 Internship: Exceptional Student Education (1-12) ED EDS

CR: EEX 4936. S/U only. One full semester of internship in an accredited public or private school.

EEX 4941 Practicum in Exceptional Student Education (1-4) ED EDS

CR: Sem I: EEX 4011; Sem II: EEX 4604; Sem III: EEX 4221 and EEX 4846. Designed to provide teacher candidates with carefully planned and supervised clinical experiences with exceptional students populations in a variety of settings. Candidates demonstrate the ability to apply concepts, theories and research. Repeatable up to six credit hours.

EEX 5705 Seminar in Preschool Handicapped (2) ED EDS

Intended to familiarize the education student with the wide range of needs and services of the preschool children with disabilities and their families and how they coordinate with educational services.

EEX 5752 Working With Families: A Pluralistic Perspective (3) EDEDS

PR: Introductory course in special education, GS. The impact of the socio/cultural environment on the education of at-risk children and children with disabilities; family systems theory, principles of multi-cultural education, strategies for working effectively with families of school-age children, diverse cultures and family structures represented in school populations today.

EGI 4941 Undergraduate Supervised Practicum in Gifted Student Education (1-6) ED EDS

Organized, supervised experiences with gifted children. Specific experiences may be either a combination of observation and assistance with gifted children or individualized projects.

EGI 5051 Nature and Needs of the Gifted (3) ED EDS

This survey course examines the characteristics and educational needs of children and youth who are gifted, including those from special populations. Emphasis is on giftedness as defined historically, nationally and locally. The course also explores changing views of intelligence and talent development related to policy and practice in gifted education as well as the processes of identification and programming.

EGI 5325 Theory and Development of Creativity (3) ED EDS

Exploration of the concept of creativity, its factors, measurement, and application to education. Opportunities are given to work with children in a laboratory setting and to prepare materials to be used with small groups of children.

EGN 2031 History of Technology HP (3) EN EGB

Covers the evolution of technology and its influence on society from pre-historic man to the modern day. Topics include: seven technological ages of man, methods of producing power, materials, transportation, communication and calculation, and technology and society.

EGN 2080 Light and the Arts: A Quantitative Approach FA (3) ENEGB

Physical and aesthetic aspects of light. Elementary physics of light sources, waves and photons, human vision. Color and intensity effects in well-known paintings, photographs, films. Theatrical lighting. Holography.

EGN 2081 Circuit Mathematics and Physics (2) EN EGB

Remedial work on the mathematical and physical concepts that are necessary for EGN 3373. Differentiation and integration, complex numbers, phasors, vectors, the physical laws for resistors, capacitors, and inductors.

EGN 2082 History of Electrotechnology HP (3) EN EGB

Highlights of the history of electrotechnology and its relation to the development of civilization. The contributions of Volta, Faraday, Morse, Bell, Hertz, Marconi, Franklin, etc. in the context of the development of western civilization. The impact of communications, electronics and computers in the twenty-first century.

EGN 2210 Computer Tools for Engineers (3) EN EGB

PR: MAC 2281. Students will be introduced to computer based engineering tools and their application to the solution of engineering problems. The programming language, FORTRAN, will be the most emphasized tool, but coverage will also be given to other

- engineering/mathematical tools such as equation solving tools and spreadsheets.
- EGN 3000 Foundations of Engineering (1) EN EGB**
Introduction to the profession of engineering. Exposure to the different disciplines of engineering incorporate examples of tools and techniques used in design and presentation.
- EGN 3311 Statics (3) EN EGB**
PR: PHY 2048. Principles of statics, mechanical equilibrium, forces, moments, plane trusses. Lec.-pro.
- EGN 3321 Dynamics (3) EN EGB**
PR: EGN 3311. Dynamics of discrete particles; kinematics and kinetics for rigid bodies. Lec.
- EGN 3331 Mechanics of Materials (3) EN EGB**
PR: EGN 3311. Stress, strain, Hooke's Law; torsion, beam, column analysis; combined stresses; inelastic effects, limit design. Lec.
- EGN 3331L Mechanics of Materials Laboratory (1) EN EGB**
PR: EGN 3311. CR: EGN 3331. Experiments in mechanics of deformable bodies. Lab.
- EGN 3343 Thermodynamics I (3) EN EGB**
PR: PHY 2049. Axiomatic introduction to thermodynamic concepts of energy, entropy, work and heat. Properties of ideal and real substances. Applications: power production and refrigeration, phase equilibria.
- EGN 3353 Basic Fluid Mechanics (3) EN EGB**
PR: EGN 3311, CR: EGN 3321. Fundamental and experimental concepts in ideal and viscous fluid theory; momentum and energy consideration, introduction to hydraulics, pipe flow. Lecture.
- EGN 3358 Thermodynamics, Fluids, and Heat Transfer (4) EN EGB**
PR: PHY 2049. Thermodynamic concepts of energy, entropy, work and heat and thermodynamic cycles. Basic concepts of fluid mechanics, including viscous fluids, pipe flow with minor losses, simple fluid machinery, momentum and external flow. Steady state conductive and convective heat transfer.
- EGN 3365 Materials Engineering I (3) EN EGB**
PR: CHM 2046; CR: EGN 3311. Structure and property relationships in engineering materials, i.e., metal, ceramic and polymer systems. Environmental effects are also treated.
- EGN 3373 Introduction to Electrical Systems I (3) EN EGB**
PR: PHY 2049, PHY 2049L, CR: MAP 2302. A course in AC and DC linear circuit analysis. Transient and steady-state analysis. Polyphase circuits.
- EGN 3375 Electromechanical Systems (3) EN EGB**
PR: EGN 3373. Analysis of electromechanical device performance: transformers, transducers, DC motors and generators, AC motors and alternators.
- EGN 3420 Engineering Analysis (3) EN EGB**
PR: MAC 2282. Introduction to aspects of matrix algebra and complex algebra which are essential in engineering: simultaneous equations, connection matrices, basic eigenvalue theory, the complex exponential.
- EGN 3433 Modeling and Analysis of Engineering Systems (4) ENEGB**
PR: MAC 2283, PHY 2049. Dynamic analysis of electrical, mechanical, hydraulic and thermal systems; Laplace transforms; numerical methods; use of computers in dynamic systems; analytical solution to first and second order ODEs. Restricted to majors.
- EGN 3443 Engineering Statistics I (3) EN EGB**
PR: MAC 2282. An introduction to the basic concepts of statistical analysis with special emphasis on engineering applications.
- EGN 3613C Engineering Economy I (3) EN EGB**
A study in analyzing the economic limitations imposed on engineering activities using basic models which consider the time value of money.
- EGN 3615 Engineering Economics with Social and Global Implications SS (3) EN EGB**
Presents basic economic models used to evaluate engineering activities and an understanding of the social and ethical implications of financial decisions in a multicultural environment through lectures, case studies and current readings.
- EGN 4366 Materials Engineering II (3) EN EGB**
PR: EGN 3365. Applications and structure property relationships of commonly used engineering materials. Steel, nonferrous alloys and their welding, heat treatment and processing. Introduction to ceramic and polymeric materials.
- EGN 4420 Numerical and Computer Methods in Engineering (3) ENEGB**
PR: MAP 2302. Computation methods of analysis for engineering problem solving by use of digital computers, matrix methods, differential equations, curve fitting, integral equations.
- EGN 4450 Introduction to Linear Systems (2) EN EGB**
PR: MAC 2282. Study and application of matrix algebra, differential equations and calculus of finite differences.
- EGN 4831 Technology and Society MW (3) EN EGB**
Non-technical survey of engineering activities: utilities, nuclear power, genetics weaponry, space, etc. Students conduct individual in-depth study of environmental/ethical problem.
- EGN 4905 Independent Study (1-5) EN EGB**
PR: CI. Specialized independent study determined by the students' needs and interests.
- EGN 4930 Special Topics in Engineering (1-3) EN EGB**
PR: CI. New technical topics of interest to engineering students.
- EGN 5421 Engineering Applications for Vector Analysis (3) EN EGB**
Vector methods in electromagnetism and fluid mechanics. Vector operators, line and flux integrals, potential and transport theorems, applications.
- EGN 5422 Engineering Applications of Partial Differential Equations (3) EN EGB**
Power series solutions for ordinary differential equations, Sturm-Liouville theory, special functions. Vector methods with generalized coordinates. Separation of variables for partial differential equations. Green's functions. Calculus of variations. Numerical methods.
- EGN 5423 Neural Networks and Mathematics for Communication (3) EN EGB**
Finite fields and coding applications. Probabilities of error detection and correction. Introduction to neural networks. Advanced matrix algorithms: LU and QR factorizations, least-squares, pseudoinverses.
- EGN 5424 Engineering Applications of Complex Analysis (3) ENEGB**
Analytic functions, conformal mapping, residue theory, Laurent series, transforms. Applications to various problems in engineering and physics.
- EGN 5425 Engineering Applications of Advanced Matrix Computations (3) EN EGB**
Survey of theory and software for matrix computations: factorization methods, least squares and pseudoinverses, eigenvector algorithms. Special matrices and representations for control system and finite element applications.
- EGS 1113 Introduction to Design Graphics (3) EN EGB**
The student learns how to graphically represent technical designs using sketches, traditional drawing tools, and AutoCAD. The lab features twenty Pentium II computers running AutoCad R14.
- EIA 3192 Technology Education and Society (4) ED EDV**
Introduction to programs, facilities and opportunities in teaching Technology Education. Includes historical, current and futuristic implications of technology in society.
- EIA 4360 Special Teaching Methods: Technology Education (3) EDEDV**
Equips Technology Education instructors with professional competencies for classroom and laboratory settings. Includes the selection of appropriate methods, planning, and delivery of instruction, along with supervision of students in laboratory areas.
- EIN 4312C Work Analysis (3) EN EGS**
PR: EGN 3613C or EGN 3615, EGN 3443. Operation analysis and workspace design, work measurement, standard data, ergonomics, and labor costing.
- EIN 4313C Human Factors 6A (3) EN EGS**
Design of man-machine systems, by taking into consideration both human and machine capabilities and limitations.
- EIN 4333 Production Control (3) EN EGS**
PR: ESI 4312C. Planning and control of production systems. Includes: forecasting and inventory control models, scheduling and sequencing, MRP, CPM/PERT, and resource requirements.
- EIN 4352 Engineering Cost Analysis (3) EN EGS**
This is a non-repeatable course restricted to Industrial Engineering majors. It provides students with the principles and techniques for the cost analysis, estimation and evaluation of engineering design in service and manufacturing organizations.
- EIN 4364C Facilities Design (3) EN EGS**
PR: EIN 4312C, EIN 4411; CR: ESI 4221, EIN 4333. Design and modification of industrial production and material handling facilities. Basic analysis techniques, use of computer programs, automated warehousing.
- EIN 4365 Capstone Design MW (3) EN EGS**
PR: EIN 4364; CR: ESI 4523. Course requires students to design an enterprise incorporating tools, techniques and approaches from industrial and management systems engineering. Students

340 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

work in teams on an open-ended project that may be in either a service or manufacturing setting.

EIN 4411 Manufacturing Processes (3) EN EGS

PR: EGS 1113. The study of basic manufacturing processes and precision assembly. CAD/CAM including NC programming.

EIN 4601L Automation and Robotics (3) EN EGS

PR: EIN 4411. Introduction to the practices and concepts of automation as applied to material handling, inventory storage, material transfer, industrial processes and quality control.

EIN 4933 Special Topics in Industrial Engineering (1-6) EN EGS

Special topics related to economic analysis, optimization, human factors, manufacturing and automation aspect of industrial systems. Repeatable up to 5 credit hours.

EIN 5245 Work Physiology and Biomechanics (3) EN EGS

PR: CC, majors only. Human physiological limitations encountered in design, analysis and evaluation of man-machine systems.

EIN 5322 Principles of Engineering Management (3) EN EGS

Introduction to the fundamentals of planning, organizing and leadership as needed by engineers, scientists, and other professionals considering managerial positions.

EIN 5350 Technology and Finance (3) EN EGS

A course for technical managers that focuses on how financial and economic principles are utilized to make technical investments and manage technical enterprises.

EIN 5357 Engineering Value Analysis (3) EN EGS

PR: EIN 5219 or equiv., majors only. Statistical models for analyzing engineering alternatives from an economic viewpoint. The use of advanced engineering economy concepts in solving industrial problems.

EIV 4210 Program Management: Industrial-Technical Education (4) ED EDV

Planning, organizing, motivating and controlling of the learning environment in Industrial-Technical Education classroom and laboratories. Program standards for OSHA, program review, record keeping, and budgeting will be examined.

EIV 4360 Special Teaching Methods: Industrial-Technical Education (4) ED EDV

Instructional techniques in industrial-technical education. Vocational Industrial Clubs of America activities may be included.

EIV 5315 Program Management: Diversified Cooperative Training (3) ED EDV

Organization, coordination, and budgeting of adult, cooperative, and special programs.

ELD 4011 Introduction to Specific Learning Disabilities (3) ED EDS

PR: EEX 4011 or DPR. Characteristics, needs and abilities of children with SLD. Emphasis is on theories, issues, trends, and philosophy of problems for such children.

ELD 4905 Independent Study: Specific Learning Disabilities (1-3) ED EDS

PR: DPR. S/U only. Specialized independent study determined by student's needs and interests.

ELD 4909 Directed Study: Specific Learning Disabilities (1-3) EDEDS

PR: Senior standing, DPR. To extend competency in teaching field.

ELD 4941 Undergraduate Supervised Practicum in SLD (1-6) EDEDS

PR: EEX 4011, S/U only, DPR. Supervised field experiences in assessment, behavior management and clinical teaching with classes for children who have specific learning disabilities.

ELR 3301L Laboratory I (1) EN EGE

PR: EGN 3373. Basic circuit theory applications; computer-aided design tools, electrical measurement techniques.

ELR 3302L Laboratory II (1) EN EGE

PR: ELR 3301L and EEL 3302. This laboratory is designed to introduce electrical engineering students to the design, building and testing of active electronic networks. Computer Aided Design tools and computer data acquisition strategies are examined in greater detail.

ELR 4316L Wireless Circuits & Systems Design Laboratory (2) ENEGE

PR: EEL 4471. An extensive hands-on introduction to wireless radio frequency and microwave circuits and systems, involving modern measurements, fabrication and computer-aided design experiences at both component and sub-system levels. Not available on an S/U basis.

EMA 4324 Corrosion of Engineering Materials I (3) EN EGX

PR: EGN 3365L. Principles of electrochemical corrosion and the representation of corrosion processes by polarization diagrams. Origin and prevention of the localized forms of corrosion and approaches to corrosion control.

EMA 5326 Corrosion Control (3) EN EGX

PR: EGN 3365. Provide understanding of corrosion fundamentals. Introduce design for corrosion detection, protection, and control. Acquire research project experience.

EME 2040 Introduction to Computers in Education (3) ED EDK

Designed as an introduction to computer technology and its role in teaching and learning processes. Topics include educational software, ethical and social issues, hardware, interactive multimedia, models for integrating technology into instruction, productivity tools and telecommunications.

EME 5403 Microcomputers in Education (3) ED EDK

A survey course designed to introduce practicing teachers to microcomputer technology and its function in the classroom to augment the teaching and learning processes. Objectives include the use and evaluation of educational software, classroom use of computers, instructional computing research, generic applications software (word processors, database managers, etc.), programming, disk operating systems, and microcomputer hardware.

EML 3035 Programming Concepts for Mechanical Engineers (1) EN EGR

PR: MAC 2281, PHY 2048. Solution of engineering and science problems using programming language such as Visual Basic or Maple. Topics include fundamentals of programming, controlling program flow and arrays. Restricted to majors; not repeatable for credit.

EML 3041 Computational Methods (3) EN EGR

PR: MAP 2302, EML 3035. Techniques to solving engineering problems using numerical methods. Topics include roots of equations, matrix algebra, simultaneous linear equations, numerical integration and differentiation, and curve fitting.

EML 3262 Kinematics and Dynamics of Machinery (3) EN EGR

PR: EGN 3321. Kinematics of machines and mechanisms; position, velocity, and acceleration analysis of mechanisms; cams; gear trains; inertia forces in mechanisms; flywheels; balancing of rotating masses.

EML 3303 Mechanical Engineering Lab I (3) EN EGR

PR: EGN 3443. CR: EML 3701, EML 3500. Engineering laboratory measurements. Use of the library and the writing of technical reports. Experiments in the measurement of temperature, pressure, fluid flow, psychrometrics, concentration, viscosity. Mass-energy balances of simple systems.

EML 3500 Machine Analysis and Design I (3) EN EGR

PR: EGN 3311. Stress and deflection analysis of machine parts, variable loads, endurance limits, fasteners, bearings, power transmission, code consideration of pressure and vacuum vessels, elements of design.

EML 3701 Fluid Systems (3) EN EGR

PR: EGN 3343, EGN 3321. Principles of fluid flow; piping and duct systems; fluid machinery; metering of compressible and incompressible flow; boundary layer theory; dimensional analysis; introduction to aerodynamics.

EML 4031 Visual Basic for Engineers and Scientists (3) EN EGR

PR: EML 3041. Introduces students to the powerful graphical interface language of Visual Basic. Illustrates the use of the language in engineering and science applications.

EML 4106C Thermal Systems and Economics (3) EN EGR

PR: EGN 3343. Power and refrigeration cycles; fuels and combustion; internal combustion engine cycles; co-generation; nuclear energy; methods of economic analysis.

EML 4124 Heat Transfer (3) EN EGR

CR: EML 3701, EML 3041. Conduction, convection and radiant heat transfer; thermal properties of materials; role of fluid flow in convective heat transfer; design and selection of heat exchangers.

EML 4220 Vibrations (3) EN EGR

PR: EML 3262. Natural frequency, damping and resonance in single-degree-of-freedom systems. Vibration isolation and absorption. Lagrange's equations. Multi-degree of freedom systems. Introduction to vibration of continuous systems and predictive maintenance.

EML 4230 Introduction to Composite Materials (3) EN EGR

PR: EML 3500. The course introduces manufacturing types and applications of advanced composites. Students study micromechanical and macro mechanical behavior of a lamina and analyze and design a laminated structure made of advanced composite materials.

EML 4246 Tribology (3) EN EGR

PR: EML 4501. Introduction to friction, lubrication and wear. Contact of real surfaces, mechanics of friction, surface failures, boundary lubrication fluid properties, thin film lubrication, thick film lubrication, bearing and lubricant selection.

- EML 4302 Mechanical Engineering Laboratory II (3) EN EGR**
PR: EML 3303. Continuation of EML 3303 with emphasis on material and energy balances, stress analysis and vibrations. Lec.-lab. The Team-Project-Time Approach.
- EML 4312 Mechanical Controls (3) EN EGR**
PR: EGN 3321, EGN 3373. Introduces the concept of dynamic systems. Modeling of dynamic systems. Laplace Transforms. Transfer Functions. Block Diagrams. Characteristic equation. Time response of first and second order systems. Stability of dynamic systems. Routh stability criterion. Frequency response of dynamic systems. Polar plots and Bode plots. Introduction to state space model.
- EML 4325 Mechanical Manufacturing Processes (3) EN EGR**
PR: EGN 3365. Description of mechanical material cutting, forming and fabrication methods, as used in modern industrial manufacturing processes.
- EML 4395 Motor Selection and Control (3) EN EGR**
PR: ENG 3373 Standard electrical voltages; power wiring in industrial plants; NEMA motor designs and their uses; techniques for estimating motor starting times and temperature rise; motor selection, starting, and operating safety interlocks; conventional starting and control systems; programmable controllers; electrical code requirements for conductors and protective devices.
- EML 4414 Power Plant Engineering (3) EN EGR**
PR: EML 4106C. The study of large scale thermo-electric power conversion for utility systems. Combustion of hydrocarbon fuels, furnace, steam generated auxiliary system design. Topics include control of our emissions, design and performance of combined power facilities.
- EML 4419 Propulsion I (3) EN EGR**
PR: EML 3701, EML 3500 or CI. Introduction to the design of propulsion systems. Basic analysis of internal combustion, jet and rocket engines. Application to ground and air transportation. Advanced propulsion concepts. Special topics for class discussion.
- EML 4421 Internal Combustion Engines (3) EN EGR**
This course is for the application of thermodynamics, chemistry, dynamics of machinery, electronics and fluid mechanics. Topics covered are: introduction of engines, fuels and combustion, numerical modeling, ignition, fuel systems, balance of reciprocating mechanisms and emission control of exhaust pollutants.
- EML 4501 Machine Design (3) EN EGR**
PR: EML 3500. Designed to teach students to apply the principles of engineering mechanics, materials and manufacturing to the design/analysis of machine elements and mechanical systems. Emphasis is given toward good design practice as well as pitfalls that can result in a catastrophic failure.
- EML 4551 Capstone Design MW (3) EN EGR**
CR: EML 4501, EML 4124 Comprehensive design or feasibility project requiring application of previously acquired engineering knowledge; use of ANSYS, CAD AND Pro/E.
- EML 4552 Senior Mechanical Design (3) EN EGR**
PR: CI. Comprehensive design or feasibility study project. In some cases may be a continuation of EML 4551.
- EML 4562 Introduction to Composite Materials (3) EN EGR**
PR: EML 3500 and EML 3041. The course introduces manufacturing types and applications of advanced composites. Students study micromechanical and macromechanical behavior of a lamina and analyze and design a laminated structure made of advanced composite materials.
- EML 4601 Air Conditioning Design (3) EN EGR**
PR: EML 4106C, EML 3701. Application of thermodynamics, heat transfer, and fluid flow to sizing of HVAC systems. Heating and cooling calculations, air requirements, equipment sizing. Energy Code requirements. Design project.
- EML 4905 Independent Study (1-4) EN EGR**
PR: CI. Specialized independent study determined by the student's needs and interests.
- EML 4930 Special Topics in Mechanical Engineering (1-4) EN EGR**
PR: CC.
- EML 5930 Special Topics III (1-4) EN EGR**
PR: CC.
- EMR 4011 Mental Retardation and Developmental Disabilities (3) EDEDS**
PR: EEX 4011 or equivalent. This course is designed to provide students with a broad introduction to the area of mental retardation and developmental disabilities with particular emphasis on the educational aspects. This course is required by the state for certification in mental retardation.
- EMR 4230 Educating the Severely/Profoundly Handicapped (3) EDEDS**
PR: EMR 3011 or DPR. Emphasis on educational methods and materials for teaching children with severe/profound handicaps. Practicum/field experience linkage.
- EMR 4905 Independent Study: Mental Retardation (1-3) ED EDS**
S/U. May be repeated when subjects vary. DPR. Specialized independent study determined by the student's needs and interests.
- EMR 4909 Directed Study: Mental Retardation (1-3) ED EDS**
PR: Senior standing, DPR. Offered only as a scheduled class. To extend competency in teaching field.
- EMR 4941 Undergraduate Supervised Practicum in Mental Retardation (1-6) ED EDS**
PR: EEX 4011. S/U only. DPR. Supervised field experiences in assessment, behavior management, and clinical teaching with children who have mental retardation.
- ENC 1101 Composition I 6A EC (3) AS ENG**
PR: ENC 1101 and ENC 1102 must be taken in numerical sequence. Instruction and practice in the skills of writing and reading.
- ENC 1102 Composition II 6A EC (3) AS ENG**
PR: ENC 1101. Instruction and practice in the skills of writing and reading.
- ENC 1121 Composition I: Honors 6A EC (3) AS ENG**
Reserved for students in University Honors. Honors Section of ENC 1101.
- ENC 1122 Composition II: Honors 6A EC (3) AS ENG**
PR: ENC 1121. Reserved for students in University Honors. Honors Section of ENC 1102.
- ENC 2210 Technical Writing 6A (3) AS ENG**
PR: ENC 1101 and ENC 1102 or ENC 1121 and ENC 1122. Effective presentation of technical and semi-technical information.
- ENC 3246 Communication for Engineers 6A (3) AS ENG**
Focuses on writing concerns of engineers. Deals with the content, organization, format, and style of specific types of engineering documents. Provides opportunity to improve oral presentations. Will not be counted toward the English major.
- ENC 3250 Professional Writing 6A (3) AS ENG**
PR: ENC 1101 and ENC 1102 or ENC 1121 and ENC 1122. Introduction to the techniques and types of professional writing, including correspondence and reports most often found in business, technical, and scientific communities.
- ENC 3310 Expository Writing 6A (3) AS ENG**
PR: ENC 1101 and ENC 1102 or ENC 1121 and ENC 1122. A course teaching the techniques for writing effective prose, excluding fiction, in which student essays are extensively criticized, edited, and discussed in individual sessions with the instructor.
- ENC 4260 Advanced Technical Writing (3) AS ENG**
PR: ENC 2210, or ENC 3310, or CI. Advanced Technical Writing is a course designed to develop writing skills of a high order: technical exposition; technical narration, description, and argumentation; graphics; proposals; progress reports; physical research reports; and feasibility reports.
- ENC 4311 Advanced Composition (3) AS ENG**
PR: ENC 3310 or CI. Instruction and practice in writing effective, lucid, and compelling prose, with special emphasis on style, logical argumentation, and critical thinking.
- ENC 4931 Selected Topics in Professional and Technical Writing (3) AS ENG**
PR: ENC 3250, ENC 2210, or ENC 3310 or CI. Focus of the course will be determined by student demand and instructor interest. Topics to be covered may include legal writing, the conventions of business writing, writing in the medical fields, and writing for the social sciences. May be taken twice for credit with different topics.
- ENG 4013 Literary Criticism (3) AS ENG**
A study of the works of major literary critics from Aristotle to the present, with emphasis on their meaning, their implied world view, and their significance for our own time and literature. Required for Literature majors.
- ENG 4060 History of the English Language (3) AS ENG**
The evolution of language from Anglo-Saxon through Middle English to Modern English. Development of the English lexicon. Changes in the pronunciation, syntactic, and semantic systems; discussion of the forms which influenced them.
- ENG 4906 Individual Research (1-4) AS ENG**
PR: CC. Directed study in special projects.
- ENG 4907 Directed Reading (3) AS ENG**
PR: CC. Readings in special topics.
- ENG 4935 Honors Seminar I (3) AS ENG**
PR: Admission to English Honors Program. CR: ENG 4936. Variable topics. Students will be expected to participate in class

342 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

- discussion, make formal presentations, and complete a major research project.
- ENG 4936 Honors Seminar II (3) AS ENG**
PR: Admission to English Honors Program. CR: ENG 4935. Variable topics. Students will be expected to participate in class discussion, make formal presentations, and complete a major research project.
- ENG 4970 Honors Thesis (3) AS ENG**
PR: ENG 4935, ENG 4936. For students writing honors theses.
- ENL 3015 British Literature to 1616 (3) AS ENG**
A survey of representative prose, poetry, and drama from its beginnings through the Renaissance, including such poems and figures as *Beowulf*, Chaucer, Malory, More, Hooker, Skelton, Wyatt, Sidney, Spenser, Shakespeare, Donne, and Jonson.
- ENL 3230 British Literature 1616-1780 (3) AS ENG**
A survey of 17th Century and Neoclassical Literature, including such figures as Donne, Herbert, Crashaw, Vaughan, Marvell, Milton, Pope, Swift, Johnson, Boswell, and Goldsmith.
- ENL 3251 British Literature 1780-1900 (3) AS ENG**
The poetry and poetics of the Romantic figures, with attention to the continuing importance of Romantic thinking in contemporary affairs and letters; a survey of representative figures of the Victorian and Edwardian periods, including poetry, prose, and drama.
- ENL 3273 British Literature 1900-1945 (3) AS ENG**
Survey of poetry, drama, and fiction of such writers as Eliot, Yeats, Thomas, Conrad, Shaw, Joyce, Lawrence, Huxley, Woolf, Forster, Waugh, Owen, Auden, O'Casey, and others.
- ENL 3331 Early Shakespeare (3) AS ENG**
A study of from five to eight of Shakespeare's comedies, histories, and early tragedies, ending with *Hamlet*. Special attention to developing the student's ability to read and interpret the text.
- ENL 3332 Late Shakespeare (3) AS ENG**
A study of from five to eight of Shakespeare's problem plays, major tragedies, and late romances. Special attention to developing the student's ability to read and interpret the text.
- ENL 3334 Shakespeare from an Historical Perspective HP (3) ASENG**
Examines the plays of Shakespeare from *Romeo and Juliet* to *Othello* as manifestations of the social, political, and intellectual forces of the time. Lectures will be available on audio tapes. Will not be counted toward the English major.
- ENL 4122 British Novel Through Hardy (3) AS ENG**
A study of early and later British novels such as Fielding, Smollett, Sterne, Austen, Scott, Dickens, Eliot, and Hardy, among others.
- ENL 4132 British Novel: Conrad to the Present (3) AS ENG**
A critical study of British fiction from 1900 to the present, with emphasis on such writers as Conrad, Lawrence, Joyce, Woolf, Huxley, Orwell, Burgess, Murdoch, Golding, and others.
- ENL 4303 Selected British Authors (3) AS ENG**
The study of two or three major figures in British Literature. The course may include such writers as Fielding and Austen, Keats and Yeats, Joyce and Woolf. Specific topics will vary. May be taken twice for credit with different topics.
- ENL 4311 Chaucer (3) AS ENG**
An intensive study of *The Canterbury Tales* and major critical concerns.
- ENL 4338 Advanced Studies in Shakespeare (3) AS ENG**
PR: ENL 3331 or ENL 3332, or CI. Intensive study of selected plays of Shakespeare, with special attention to significant critical issues and to the Elizabethan and Jacobean cultural setting.
- ENL 4341 Milton (3) AS ENG**
Study of the poetry and major prose of John Milton, with special emphasis on *Paradise Lost*.
- ENV 4001 Environmental Systems Engineering (3) EN EGX**
CR: ENG 3353. An introduction to various aspects of environmental problems faced by today's society. Topics covered are: air pollution, water pollution, noise pollution, solid waste management, ionizing radiation, disease transmission, and food protection.
- ENV 4004L Environmental Engineering Lab (2) EN EGX**
Laboratory experience in the measuring of environmental parameters.
- ENV 4351 Solid Waste Engineering (2) EN EGX**
Introduction to the principles of integrated municipal solid waste management; waste minimization, recycle and disposal options. Design of landfill disposal systems. Course restricted to Civil and Environmental Engineering majors.
- ENV 4417 Water Quality and Treatment (3) EN EGX**
PR: EGN 3353 An introduction to municipal water supply and waste water treatment. Topics include water requirements and waste volumes, water quality, physical and chemical treatment processes, and advanced wastewater treatment processes.
- ENV 4502 Water Treatment Engineering (3) EN EGX**
PR: EGN 3353. CR: ENV 4001. The theory and the design of unit operations normally used in the practice of environmental engineering, such as agitation and mixing of liquids, filtration, leaching, gas absorption, sedimentation and clarification, drying, and evaporation.
- ENV 4503 Wastewater Treatment Engineering (3) EN EGX**
PR: ECH 3023C, EGN 3353, ENV 4001. The theory and design of unit processes normally used in environmental engineering such as coagulation of colloidal materials, water stabilization, water softening and neutralization, ion exchange, adsorption and oxidation processes for removal of iron and magnesium.
- ENV 4552C Environmental Unit Operations and Processes (3) ENEGX**
PR: ENV 4001, ENV 4417 or CI. Theory, experimental investigation, and modeling of operations and processes in engineered and natural systems. Laboratory evaluation of unit operations and processes used in water and wastewater treatment including chlorination, activated carbon absorption, biological treatment, gas/liquid mass transfer, filtration, coagulation, flocculation, and settling. Application of experimental data to process analysis and design. Field monitoring of surface water quality; simulation of transport and transformation of pollutants in surface waters.
- ENV 4891 Capstone Environmental Engineering Design MW (3) ENEGX**
PR: CWR 4103, ENV 4001, ENV 4417. A capstone environmental design experience for seniors in Civil and Environmental Engineering. A design oriented course to design both industrial and domestic water treatment and water transport systems and wastewater and collection systems. The course emphasizes the design procedure normally used in engineering practice.
- ENV 5103 Air Pollution Control (3) EN EGX**
PR: EGN 3353. Behavior and effects of atmospheric contaminants and the principles of making measurements in the air environment. Basic concepts of meteorology and control technology are discussed. Regulatory aspects and air pollution standards are covered.
- ENV 5334 Hazardous Waste Management and Remedial Action (3) ENEGX**
PR: ENV 5345 and one of the following: ENV 6347, ENV 6519, ENV 6558; or CI, majors only Introduction to hazardous waste management and remediation: RCRA regulatory concepts, definitions, aspects of hazardous waste management from within the plant to final disposal. History of hazardous waste cleanup leading to CERCLA and its amendments, site investigations; site control; those aspects of treatment that are unique to remedial action. (PR: undergraduate preparation in environmental engineering or an environmental science program)
- ENV 5345 Solid Waste Control (3) EN EGX**
PR: CI. Introduction to solid waste management, including its definition as an umbrella for hazardous waste: regulatory concepts; waste types, quantities, and characterization; collection and recycling; facility siting; disposal; thermal treatment. (PR: undergraduate preparation in environmental engineering, or graduate standing in environmental engineering or an environmental science program)
- ENV 5504C Environmental Engineering Processes (3) EN EGX**
PR: ENV 4001, ENV 4004L, ENV 4417 Theory, experimental investigation, and modeling of operations and processes in engineered and natural systems. Laboratory evaluation of unit operations and process used in water and wastewater treatment including chlorination, activated carbon adsorption, biological treatment, gas/liquid mass transfer, filtration, coagulation, flocculation, and settling. This course is restricted to majors, has no external laboratory section associated with the course, is not available on an S/U basis only, is not cross-listed with another department or college.
- ENV 3004 Introduction to Entomology (3) AS BIO**
PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L. An introduction to general aspects of insect morphology, development, and classification. The identification of local forms will be emphasized. Lec.-lab.
- ENV 5505 Aquatic Entomology (3) AS BIO**
PR: ENV 3004 or CI. Taxonomy, development, and ecology of aquatic insects with emphasis on local forms. Lec.-lab.
- EPH 5051 Advanced Theories in Motor and Physical Disabilities (3) EDEDS**

- PR: EEX 4011 or DPR. Biological and functional aspects of motor and physical health disabilities, including dysfunctions in central nervous system covering motor, sensory, language and psychological disorders.
- EPH 5321 Educational Strategies for Physically and Multihandicapped Students (3) ED EDS**
PR: EPH 5051. Educational management of students with cerebral palsy, motor disabilities and multihandicapped conditions including rehabilitation and other community services.
- ESE 4322 Classroom Management for Diverse School and Society (3) ED EDI**
Focuses on classroom management in secondary schools including classroom climate, specific strategies to address management issues, school safety, violence, diversity, ethics, and educational law.
- ESE 5342 Teaching the Adolescent Learner (3) ED EDI**
Emphasis is placed on adolescent developmental and learning needs linking them to practices in the classroom appropriate to the diverse secondary education population (ESOL, special education, multicultural, at-risk, etc.) in preparation for planning responsive standards-based instruction.
- ESE 5344 Classroom Management for a Diverse School and Society (3) ED EDI**
This course covers practical, theoretical, philosophical and ethical aspects of school and society, the education profession, and secondary schools with particular focus on classroom management, school violence, school safety, educational law and other critical social issues.
- ESI 4221 Industrial Statistics and Quality Control (3) EN EGS**
PR: EGN 3443, EIN 4411. Application of statistical techniques to the control of industrial processes. Control charts, acceptance sampling, design of experiments, analysis of variance and regression.
- ESI 4244 Design of Experiments (3) EN EGS**
PR: EGN 3443. Activity forecasting models and control. Design and use of inventory control models, both designs applicable to engineering analyses. Analysis of variance and regression.
- ESI 4312 Deterministic O. R. (3) EN EGS**
PR: COP 2510, EGN 4450. An introduction to operations research techniques with particular emphasis on deterministic models. Linear programming, dynamic programming, goal programming, integer programming, and PERT/CPM networks are considered.
- ESI 4313 Probabilistic O. R. (3) EN EGS**
PR: COP 2510, EGN 3443. Probabilistic models in Operations Research. Discrete and continuous time processes, queuing models, inventory models, simulation models, Markovian decision process and decision analysis.
- ESI 4523 Industrial Systems Simulation (3) EN EGS**
PR: ESI 4313. A study of the development and analysis of computer simulation models: Monte Carlo, time-slice, and next-event. Introduction to special purpose simulation languages.
- ESI 4905 Independent Study (1-5) EN EGS**
PR: CI. S/U only. Specialized independent study determined by the student's needs and interests.
- ESI 4911 Senior Project (2) EN EGS**
PR: EIN 4364, CR: EIN 4333, ESI 4523. Analysis and design of systems in a directed project format. Individual or group work consisting of project proposal, project activities, and final report. Student projects are directed by faculty, with chairman's approval.
- ESI 5219 Statistical Methods For Engineering Managers (3) EN EGS**
Not open to students who have had EGN 3443. Study of statistical methods applied to engineering management problems involving estimation and prediction under conditions of uncertainty.
- ESI 5236 Reliability Engineering (3) EN EGS**
PR: ESI 5219 or equiv., majors only PR: EGN 3443 or equivalent. Fundamental concepts of reliability. Estimation of reliability of systems and components. Measures of availability, maintainability and reliability.
- ESI 5306 Operations Research For Engineering Management (3) EN EGS**
Not open to students who have had ESI 4315. ESI 5219 or equiv., majors only. Linear programming, non-linear programming, queuing, inventory, network analysis.
- ESI 5470 Manufacturing Systems Analysis (3) EN EGS**
PR: CC, majors only. The study of systems of manufacturing entities such as machine tools, robots, and materials handlers. Emphasis is on mathematical description of integrated systems and system optimization.
- ESI 5522 Computer Simulation (3) EN EGS**
PR: ESI 4521 or equiv., majors only. Design of discrete and continuous simulation models. Model validation and verification. Statistical analysis of simulation model output.
- ETG 3800 Operations Management (3) EN ESB**
PR: MAC 1105, CR: STA 2023. This course examines global strategies, project management, forecasting, location, scheduling, human resources, quality and math models as applied to the design and management of industrial operations.
- ETG 3801 Work Design and Ergonomics I (3) EN ESB**
Using the fundamentals of the design process, this course demonstrates the critical importance of ergonomic tools and underlying physical human capacities.
- ETG 4802 Work Design and Ergonomics II (3) EN ESB**
PR: ETG 3801. This course applies the concepts of work design and measurements within the ergonomic arena to achieve work design that is ergonomically feasible and effective.
- ETG 4803 Industrial Quality Control (3) EN ESB**
PR: STA 2023. This course teaches the students the fundamental concepts of managing a quality assurance system.
- ETG 4931 Special Topics in Technology I (1-5) EN ESB**
PR: CI. No credit for Engineering Majors.
- ETG 4932 Special Topics in Technology II (1-5) EN ESB**
PR: CI. No credit for Engineering Majors.
- EUH 2011 Ancient History I HP (3) AS HTY**
An introductory survey of ancient history. EUH 2011 treats the ancient Near East and Greece from the origins of civilization to the full development of the Hellenistic kingdoms prior to conflict with Rome.
- EUH 2012 Ancient History II HP (3) AS HTY**
An introductory survey of ancient history. EUH 2012 deals with Rome through the Regal, Republican, and Imperial periods, from the beginnings of civilization in Italy to the division of the Roman Empire, A.D. 285.
- EUH 2021 Medieval History I HP (3) AS HTY**
A thematic survey of the Middle Ages. EUH 2021 deals with the nascent, Christian civilization of Europe, circa 300-1050 A.D.
- EUH 2022 Medieval History II HP (3) AS HTY**
A thematic survey of the Middle Ages. EUH 2022 treats the mature medieval civilization of Europe, circa 1050-1500.
- EUH 2030 Modern European History I HP (3) AS HTY**
A thematic survey of Europe in the modern age. EUH 2030 treats the period from the Renaissance to the French Revolution.
- EUH 2031 Modern European History II HP (3) AS HTY**
A thematic survey of Europe in the modern age. EUH 2031, treats the period from the French Revolution to the present.
- EUH 3142 Renaissance and Reformation (4) AS HTY**
A history of Europe from the Renaissance to the Thirty Years' War (1400-1618). The cultural, social, and economic characteristics will provide the framework for artistic, philosophical, religious, and political developments.
- EUH 3181 Medieval Culture (4) AS HTY**
A survey of thought, culture, and art in the Middle Ages. Medieval attitudes as manifested in literature, art, philosophy, education, and religion; with emphasis upon Medieval man's changing perception of himself and his world.
- EUH 3185 Viking History (4) AS HTY**
The role of the Vikings in the shaping of Western history. A comprehensive survey of their institutions, outlook and daily life. Viking expansion into Europe and North America.
- EUH 3188 Medieval Society (4) AS HTY**
A study of the daily life and attitudes of the medieval nobleman, peasant, townsmen, and the agrarian-urban economy and society which affected their lives.
- EUH 3189 Medieval Politics (4) AS HTY**
An inquiry into the nature, distribution, and use of political power during the Middle Ages, in such institutions as feudalism, monarchy, cities, and the church.
- EUH 3202 History of 17th and 18th Century Europe (4) AS HTY**
A history of Europe from the beginning of the Thirty Years' War to the outbreak of the French Revolution. Political and intellectual developments will be assessed in the light of society and the economy.
- EUH 3205 History of Nineteenth Century Europe (4) AS HTY**
A comparative study of economic, political, social, and intellectual developments in nineteenth century Europe.
- EUH 3206 History of Twentieth Century Europe (4) AS HTY**
A comparative study of economic, political, social, and intellectual developments in twentieth century Europe.
- EUH 3401 Classical Greece (4) AS HTY**
A study of ancient Greece focusing on the brilliant period following the Persian Wars, but embracing as well the formative

344 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

- Bronze, Middle and Archaic ages, and the decline culminating in the conquest of Greece by Philip II of Macedon in 338 B.C.
- EUH 3402 Age of Alexander (4) AS HTY**
A study focusing on the career of Alexander the Great and on the Greek and Macedonian conquest of Imperial Persia. Also treated are the great hellenistic kingdoms prior to Rome's conquest of the eastern Mediterranean.
- EUH 3412 Roman Republic (4) AS HTY**
A study of the Roman Republic from 509 B.C. to the assassination of Julius Caesar in 44 B.C., with a prelude treating Rome's early development under royal rule. Political growth and change provide the framework for the treatment.
- EUH 3413 Roman Empire (4) AS HTY**
A study of Imperial Roman from the assassination of Julius Caesar in 44 B.C. to the death of the emperor Constantine in A.D. 337. Emphasized is Rome's government of a vast Mediterranean empire including much of the near East and Europe.
- EUH 3461 German History to 1870 (4) AS HTY**
A political, social, and cultural approach to the history of the Germanys from 1500 through 1870, with emphasis on the Protestant Reformation, the rise of Brandenburg-Prussian, and the unification under Bismarck.
- EUH 3462 German History 1870 to the Present (4) AS HTY**
A political, social, and cultural approach to the history of the German Empire from 1870 through the 1970's. The nation's two attempts to try for world power status are highlighted, as well as the Weimar Republic, prototype of the embattled democracy.
- EUH 3501 British History to 1688 (4) AS HTY**
A study of major developments in British history from the 15th century to 1688.
- EUH 3502 British History 1688 to Present (4) AS HTY**
A study of the major themes of British history since the Glorious Revolution, including social, political, and economic developments leading to the creation of the modern demographic welfare state.
- EUH 3574 History of Imperial Russia, 1689-1917 (4) AS HTY**
A survey of social, political, economic, and cultural development in the Russian Empire from Peter the Great to Nicholas II. Topics include the expansion and modernization of the Empire, the culture of the Imperial court, peasant rebellions, social and legal reforms, the role of the West, and the collapse of the Romanov dynasty.
- EUH 3576 History of the Soviet Union, 1917-1991 (4) AS HTY**
A study of Soviet society under communism from the Revolution to the collapse of the USSR. Topics include the origins and development of revolutionary socialism, the Bolshevik seizure of power, Stalinism and the Great Terror, popular dissent and resistance, the treatment and experience of ethnic minorities, Gorbachev and the dissolution of the Soviet Union.
- EUS 3000 Europe SS (3) AS INT**
Area study courses are multi-disciplinary in nature and deal with one or more countries of a region. Each course combines some measure of political, economic, historical, religious, geographic, anthropological, and sociological analysis in dealing with salient features and current problems.
- EUS 3022 Russia SS HP AF (3) AS INT**
Area study courses are multi-disciplinary in nature and deal with one or more countries of a region. Each course combines some measure of political, economic, historical, religious, geographic, anthropological, and sociological analysis in dealing with salient features and current problems.
- EVR 2001 Introduction to Environmental Science NS (3) AS ESP**
An introductory lecture course linking the human and physical/biological world. The course will develop an understanding of population and resource interactions.
- EVR 2001L Environmental Science Lab (1) AS ESP**
A laboratory course linking the human and physical/biological world. The lab will develop an understanding of population and resource interactions and complement the lecture course. Field trips.
- EVR 2861 Introduction to Environmental Policy (3) AS ESP**
An introduction to environmental policy using class lectures, student projects, and independent readings. Emphasis will be placed on understanding basic policy mechanisms and major policy actions relating to environmental issues at the local, national and international level.
- EVR 4027 Wetland Environments MW (3) AS ESP**
PR: PCB 3043 or CI. Study of the general properties and ecology of wetlands, examination of the distribution and functions of wetlands, and consideration of wetland conservation and policies.
- EVR 4900 Directed Readings (1-6) AS ESP**
To provide advanced students with interdisciplinary research experience in areas of specific interest.
- EVR 4905 Independent Study (1-6) AS ESP**
To provide advanced students with the opportunity for independent study in areas of specific interest.
- EVR 4910 Environmental Science and Policy Project (3) AS ESP**
Open to senior majors only. S/U only. Environmental science project consisting of research in a field related to environmental science/environmental policy. Supervised by a faculty member. Contract and report required.
- EVR 4921 Environmental Science and Policy Seminar (1) AS ESP**
Restricted to senior majors. S/U only. A topical reading and discussion seminar focusing on the interdisciplinary nature of environmental science and environmental policy.
- EVR 4930 Selected Topics (1-4) AS ESP**
Each topic is a course under the direction of a faculty member with the content depending on the interests of the students and faculty involved. All areas of Environmental Science, Policy, Ethics and Law included.
- EVR 4940 Environmental Science Internship (3) AS ESP**
Open to senior majors only. S/U only. The purpose of this course is to promote the student's understanding and application of environmental science and policy within a practical organizational context. Contract and report required.
- EVT 4065 History and Principles of Vocational Education (4) ED EDV**
An overview of current policies and principles in vocational education including their historical, sociological, and philosophical bases. Open to majors and non-majors.
- EVT 4084C Professional Development in Industrial Technical Education (1-3) ED EDV**
Designed for the ITE teacher in forming plans of professional development. Competencies include the development of a personal education philosophy; attributes in creating harmonious school community relationships; and desirable staff and teacher associations.
- EVT 4165 Curriculum Construction: Industrial-Technical Education (4) ED EDV**
Design, development, implementation and evaluation of effective curricular materials in industrial, technical and health related occupations; includes individualized and self-paced materials. Open to majors and non-majors.
- EVT 4365 Basic Teaching Methods in Vocational Education (4) EDEDV**
Examines the role of the vocational instructor in the teaching learning process; looks at factors that promote and inhibit learning. Reviews a wide variety of instructional approaches, techniques and methods; includes selection of techniques for situations.
- EVT 4367 Assessing Student Skill in Industrial Technical Education (4) ED EDV**
Techniques for assessing student's mastery of skills in industrial/technical education. Focuses on specific competencies including developing and administering performance tests, monitoring student process, and others. Open to majors and non-majors.
- EVT 4562 Vocational Education for Special Needs Students (4) EDEDV**
Focuses on modifying the vocational education curriculum, laboratory, shop, student outcomes, learning activities, tests, media, etc. to accommodate the unique learning needs of minority, handicapped, disadvantaged, non-traditional and other special needs students.
- EVT 4651 Equity in Schools and the Workplace 6A MW (3) ED EDV**
Issues related to gender equity in schools and the workplace. Includes legal, ethical, psychological, sociological, and economic factors; males and females in traditional and non-traditional occupations.
- EVT 4905 Independent Study: Industrial-Technical Education (1-4) ED EDV**
PR: CI. S/U only. Specialized independent study determined by the student's needs and interests.
- EVT 4909 Directed Study: Industrial-Technical Education (1-3) EDEDV**
PR: CI. To extend competency in teaching field.
- EVT 4936 Senior Seminar in Industrial-Technical Education (2) EDEDV**
PR: Senior standing; CR: EVT 4940. Synthesis of teacher candidate's courses in complete college program.
- EVT 4940 Internship: Industrial-Technical Education (1-12) ED EDV**
CR: EVT 4936. S/U only. One full semester of internship in a public or private school. In special programs where the intern experience

is distributed over two or more semesters, students will be registered for credit which accumulates from 9-12 semester hours.

EVT 4946 Supervised Field Experience: Industrial-Technical Education (1-6) ED EDV

PR: CI. S/U only. Planned supervised functions in the area of specialization and coordinated with selected schools, government, offices, social agencies, businesses and industries on site.

EVT 5369 Preparation and Development for Teaching (4) ED EDV

The development of selected instructional materials, use of new educational media, performance evaluation instruments, and counseling techniques.

EVT 5664 School Community Development (3) ED EDV

Identifying, assessing, and analyzing, individual, institutional and community needs for the purpose of cooperative program planning, community involvement, and public support.

EXP 4104 Sensory Processes (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. Available to both majors and non-majors. Psychophysical and neurophysiological data and theory underlying sensory processes. Visual, auditory, chemical, and somatosensory systems, with particular emphasis on visual processes.

EXP 4204C Perception (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. Topics include sensory and physiological bases of perception and how people process relevant information in their environments.

EXP 4304 Motivation (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. A survey of motivational processes and mechanisms from physiological and psychological viewpoints.

EXP 4404 Psychology of Learning (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. Survey of methods, empirical findings, and theoretical interpretations in conditioning and instrumental learning.

EXP 4640 Psychology of Language (3) AS PSY

Historical survey of relations between psychology and linguistics leading to the emergence of psycholinguistics as a field of study. Current status of theory and research in the field.

EXP 4680C Cognitive Psychology (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. Survey of methods, empirical findings, and theoretical interpretations of human learning, information processing, verbal learning, and judgment and decision-making.

FIL 2001 Film: The Language Of Vision 6A FA (4) VP ART

Exploration of the history of creative filmmaking from its beginnings to the present time. Open to both majors and non-majors.

FIL 3004 The Film as Mass Communication I: Syntax (3) AS COM

PR: MMC 2100 and MMC 3602 or DPR. The language, conventions, elements, and patterns of the film medium as related to current models of effective mass communication and new theories of nonverbal communication.

FIL 3201C Beginning Film (3) VP ART

Intermediate problems in film with emphasis on the exploration of materials and media and the development of individual concepts.

FIL 3510 World Cinema 6A FA (4) VP ART

Offers international perspectives through an examination of films from around the world. Each week narrative films from acclaimed directors will be screened, read about and discussed.

FIL 4202C Advanced Film (3) VP ART

PR: FIL 3510C. More advanced projects in filmmaking to further develop works both technically and conceptually.

FIL 4404 Social History of the Film, 1945 to the Present (3) AS COM

PR: MMC 2100 and MMC 3602 or DPR. The development of the film from 1945 to the present.

FIL 5205C Cinematography (4) VP ART

PR: PGY 4520C. Advanced studio work using black and white, color and sound as technical and aesthetic factors in visual, artistic productions.

FIN 2104 Personal Finance (3) BA FIN

Not available for credit to upper-level students who have been admitted to the College of Business. May not be counted toward major requirements in FIN or GBA. Survey of the problems and techniques of personal financial planning. Includes consumer credit, insurance, home ownership, and personal investing, with attention given to current economic and legal constraints.

FIN 2106 Introduction to Investments (3) BA FIN

Not available for credit to upper-level students who have been admitted to the College of Business. May not be counted toward major requirements in FIN or GBA. Emphasizes the operations of

the security markets and the risks and returns of alternative investment media. Designed for non-business administration students.

FIN 2935 Selected Topics in Finance (1-6) BA FIN

Not available for credit to upper-level students who have been admitted to the College of Business Administration. Topics to be selected by department chair.

FIN 3233 Money and Banking (3) BA FIN

PR: ECO 2013. Examines the structure and operations of our monetary system, commercial banking, central banking, money, and capital markets, and provides an introduction to monetary theory and policy.

FIN 3403 Principles of Finance (3) BA FIN

PR: ACG 2071 or CI and ECO 2023. Study of the processes, decision structures, and institutional arrangements concerned with the use and acquisition of funds by a firm. Includes the management of the asset and liability structure of the firm under certain and risky situations. The financial decision process will include and recognize the international as well as domestic aspects of financial management.

FIN 3604 International Finance (3) BA FIN

PR: FIN 3403. Study of factors affecting international business, assessment of risks, international managerial finance, institutions and instruments of international business finance.

FIN 4245 Federal Reserve System and Monetary Policy (3) BA FIN

PR: FIN 3233 or CI. An analysis of the Federal Reserve System, with special emphasis on monetary theory and the formulation and administration of monetary policy.

FIN 4303 Financial Institutions and Markets (3) BA FIN

PR: FIN 3403. A study of financial institutions and their roles in the capital markets; includes the savings allocation, investment, and financial decision making processes.

FIN 4324 Bank Management (3) BA FIN

CP: FIN 3403. Application of traditional finance concepts to the management of commercial banks with emphasis on decision making and problem-solving techniques to major problem areas in banking.

FIN 4412 Working Capital Management (3) BA FIN

PR: FIN 3403. An examination of short-term financial management - that is, policies and decisions related to managing the current operations of a firm. Topics to be covered include cash management, credit and collection policy, inventory decisions, and sources of short-term financing.

FIN 4414 Advanced Corporation Finance (3) BA FIN

PR: FIN 3403. An examination of the financial policies of corporations, with special reference to dividend policy, financial structure, capital expenditures, acquisitions, mergers, and reorganizations.

FIN 4443 Financial Policies and Strategies (3) BA FIN

PR: FIN 4414. A senior seminar for majors in Finance. Primarily a case course examining financial policies and the application of financial analysis to alternative strategies.

FIN 4461 Financial Statement Analysis (3) BA FIN

PR: FIN 3403. Provides an understanding of the relationship between financial statements produced in accordance with GAAP and the informational content such statements provide. After completing the course, the student should have a better understanding of the usefulness of published financial statements to various users in a variety of circumstances.

FIN 4504 Principles of Investments (3) BA FIN

PR: ECO 2013 and FIN 3403. Survey of the risks and returns of investment media in relation to the investment objectives of individual and institutional investors. Includes an examination of the capital markets, information flows, and analytical techniques in terms of their impact on the valuation process.

FIN 4514 Advanced Investment Analysis and Management (3) BA FIN

PR: FIN 4504. A comprehensive study of security analysis and portfolio management. The course will utilize a quantitative approach to investment selection and management.

FIN 4905 Independent Study (1-3) BA FIN

PR: CI, CC. S/U only. Specialized independent study determined by the student's needs and interests.

FIN 4915 Independent Research (1-3) BA FIN

PR: CI. The research project will be mutually determined by the student and instructor.

FIN 4934 Selected Topics in Finance (1-3) BA FIN

Topics to be selected by instructor and department chairperson on pertinent finance issues.

FLE 4290 Technology in the Foreign and Second Language Classroom (3) ED EDX

346 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

This course prepares pre-service and in-service teachers to infuse technology into foreign language and ESOL instruction. Students will develop technology skills and knowledge based on sound pedagogical principles that reflect research and theory in Second Language Acquisition and will apply this practical and theoretical knowledge to K-16 Foreign Language/ ESOL instructional situations.

FLE 4314 Methods of Teaching Foreign Languages and ESOL in the Elementary School (3) ED EDX

PR: EDG 4620 or concurrent registration. Fluency in target language and in English. Methods of planning and teaching foreign languages in the elementary school. The emphasis is on teaching communicatively and on integrating culture in the K-6 classroom.

FLE 4316 Language Principles and Acquisition (1-3) ED EDX

PR: FLE 4317. Overview of applied Second Language Acquisition theory and the components of language, linking them to methods and techniques of providing comprehensible instruction and supporting the development of oral proficiency and literacy skills for (LEP) children.

FLE 4317 Teaching Students with Limited English Proficiency (3) EDEDX

This course is designed to prepare preprofessional teachers to provide linguistically and culturally appropriate instruction, assessment, and learning opportunities for students with Limited English Proficiency.

FLE 4333 Methods of Teaching Foreign Languages and ESOL in the Secondary School (3) ED EDX

PR: FLE 4314. Fluency in the target language and in English or DPR. Methods of teaching foreign languages within a communicative framework. Includes examination and practice of current instructional techniques in listening, speaking, reading and writing skills, testing, error correction, and computer assisted language instruction. The emphasis is on teaching foreign languages and teaching for cultural understanding at the secondary level 7-12.

FLE 4362 ESOL I - Curriculum and Pedagogy of ESOL (3) ED EDX

This course is designed to prepare pre-professional (pre-service) teachers to provide linguistically and culturally appropriate instruction, learning opportunities and assessment for English Language Learners (ELLs) in grades K-12.

FLE 4363 ESOL 2 - Literacy Development in English Language Learners (3) ED EDX

PR: FLE 4362 or FLE 4317. This course is designed to provide students with a critical understanding of instructional delivery which caters to the linguistic and literacy needs of minority/ heritage communities. Providing students with a sociocultural-critical theoretical framework.

FLE 4364 ESOL 3 - Applying Linguistics to ESOL Teaching and Testing (3) ED EDX

PR: FLE 4362 and FLE 4363. This course provides an overview of the components of language, linking them to methods and techniques of providing comprehensible instruction to English Language Learners (ELLs) and supports the development of professional literacy skills.

FLE 4365 ESOL Competencies and Strategies (1-3) ED EDX

Designed to enable participants to meet the special limitations and cultural educational needs of LEP students in content area classes. Designed to provide a theoretical and practical foundation for ESOL competencies and strategies.

FLE 4370 Practicum in Foreign Language Teaching in the Secondary School (3) ED EDX

PR: Senior standing or enrollment in Plan II Master's Program or DPR. Required concurrently with FLE 4314 or FLE 4333. Fluency in the target language and in English. Pre-internship field experience in a K-12 environment. Will include observation and practice in a K-12 classroom as well as class meetings.

FLE 4936 Senior Seminar in Foreign Language Education (2) EDEDX

PR: Senior standing. Required concurrently with internship. Synthesis of teacher candidate's courses in complete college program.

FLE 4940 Internship: Foreign Language Education (1-12) ED EDX

Intern takes Senior Seminar in Education concurrently. S/U only. One full semester of internship in a public or private school.

FLE 5145 Language Principles, Acquisition and Teaching (3) EDEDX

PR: FLE 5345 Restricted to Education majors and not repeatable for credit. Overview of applied SLA theory and components of language. Methods & techniques of comprehensible instruction

and the development of oral proficiency and literacy skills for LEP children.

FLE 5291 Technology in the Foreign Language Classroom (3) EDEDX

PR: FLE 5313 and FLE 5331. This course is intended to prepare foreign/second language teachers to provide pedagogically sound and technologically enhanced instruction for foreign language and second language students in the K-16 realm. Basic computer literacy is recommended.

FLE 5313 Methods of Teaching Foreign Language and ESOL in the Elementary School (3) ED EDX

This course is designed to provide training in the theory and methods of teaching foreign languages and ESOL in the elementary school (FLES) to both pre- and in-service teachers.

FLE 5331 Methods of Teaching Foreign Language and ESOL in the Secondary School (3) ED EDX

PR: FLE 5313. This course provides for the development of knowledge and skills necessary to prepare students to assume roles as foreign language (FL) and ESOL teachers at the secondary school level. It represents the second part of a sequence of methods courses.

FLE 5345 Teaching English Language Learners K-12 (3) ED EDX

This course is restricted to Education majors and is not repeatable for credit. It is designed to prepare preprofessional teachers to provide linguistically and culturally appropriate instruction, assessment, and learning opportunities for LEP students.

FLE 5366 ESOL Education in Content Areas (3) ED EDX

Enables participants to meet the special linguistic & cultural educational needs of limited English proficient (LEP) students in content area classes. Provides a theoretical & practical foundation for ESOL competencies in courses include ESOL infusion.

FLE 5430 ESOL I - Theory and Practice of Teaching English Language Learners (3) ED EDX

This course is for undergraduate degree holding, preprofessional (preservice) teachers to learn about appropriate instruction, assessment and learning opportunities for Limited English Proficient (LEP) students in the content areas.

FLE 5431 ESOL II-Secondary Language & Literacy Acquisition in Children & Adolescents (3) ED EDX

PR: FLE 5430. This course is designed to provide students with a critical understanding of instructional delivery which caters for the linguistic and literacy needs of minority / heritage communities.

FLE 5432 ESOL III-Language Principles, Acquisition & Assessment for English Language Learners (3) ED EDX

PR: FLE 5431. This course provides an overview of the components of language, linking them to methods and techniques of providing comprehensible instruction to LEP students.

FLE 5895 Dual Language Education (3) ED EDX

This course is for teachers who are interested in bilingual education. The aim is to deconstruct the philosophical, theoretical, political, social and educational underpinning of instruction (K-16) when it is delivered through two languages.

FLE 5940 ESOL Practicum (1-3) ED EDX

PR: FLE 5345 and FLE 5145. Must be taken in the semester prior to final internship. This course is restricted to Education majors and will not be repeatable for credit. A structured field experience with Limited English Proficient students.

FLE 5946 Practicum in Foreign Language/ESOL Teaching (3) EDEDX

PR: FLE 5313. CR: FLE 5331. This course prepares students for their internship by providing a structured pre-internship experience while meeting regularly in a university class. Opportunity to see teachers in action.

FOL 3100 General Foreign Language I (1-4) AS WLE

A general purpose course that may be used for transfer of credit, credit by examination, and similar matters; may also be used for formal courses in less commonly taught languages or in professional translation.

FOL 4101 General Foreign Language II (1-3) AS WLE

A general purpose course that may be used for transfer of credit, credit by examination, and similar matters; may also be used for formal courses in less commonly taught languages or for workshops in professional interpreting.

FOL 4905 Directed Study (1-3) AS WLE

Departmental approval required.

FOL 5906 Directed Study (1-3) AS WLE

PR: FOL 4101 or equivalent.

FRE 1120 Beginning French I (4) AS WLE

CR: FRE 1120L. The first course in the study of elementary French. Emphasis on the development of basic skills in comprehension, speaking and reading.

FRE 1120L Beginning French I Laboratory (1) AS WLE

CR: FRE 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

FRE 1121 Beginning French II (4) AS WLE

PR: FRE 1120 or equivalent. CR: FRE 1121L. A continuation of FRE 1120.

FRE 1121L Beginning French II Laboratory (1) AS WLE

CR: FRE 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

FRE 1170 Overseas Study-Elem. French (4) AS WLE

Departmental approval required. Elementary-level French taught in France. In lieu of FRE 1120 and FRE 1121.

FRE 2200 French III (3) AS WLE

PR: FRE 1121 or equivalent. A review of the basic structure of French.

FRE 2201 French IV (3) AS WLE

PR: FRE 2200 or equivalent. Readings in French on the intermediate level.

FRE 2240 Conversation II (3) AS WLE

PR: FRE 2241 or equivalent proficiency Conversation practice with concentration on current idiomatic usage.

FRE 2241 Conversation I (3) AS WLE

PR: FRE 1121. For development of basic conversational skills.

FRE 2270 Overseas Study-Intro. French (1-6) AS WLE

PR: Two semesters of university-level French or equivalent proficiency. Departmental approval required.

FRE 3230 Reading in French Literature and Culture (3) AS WLE

PR: FRE 2201 or equivalent. This course is designed to build reading skills in French while giving students a broad background in French culture.

FRE 3420 Composition I (3) AS WLE

PR: FRE 2200 and/or FRE 2201. A fundamental composition course for students who have completed FRE 2200 and/or 2201.

FRE 3440 French For Business (3) AS WLE

PR: FRE 2200 or equivalent. An introduction to the French language in ordinary business transactions.

FRE 3470 Overseas Study (1-6) AS WLE

Departmental approval required. An intensive study-travel project in France.

FRE 3500 French Civilization (3) AS WLE

Readings and discussion on the cultural history of France.

FRE 3502 The Francophone World MW (3) AS WLE

An undergraduate 3 credit course, which offers an overview of the main French speaking cultures throughout the world, outside of France: French Canada, the Caribbean, Belgium, Switzerland, the Maghreb, Sub-Saharan Africa, the Indian Ocean, the Middle East, Southeast Asia, Louisiana.

FRE 4392 African Images in Francophone Film HP AF SS MW (3) AS WLE

This is a film based course and technologically enhanced course which will look at cultural, socio-economic, political and gender issues in French speaking Africa. Course materials will be available in English and French.

FRE 4421 Composition II (3) AS WLE

Continuation of French composition. This course is designed to follow FRE 3420.

FRE 4471 Advanced Overseas Study (1-6) AS WLE

PR: FRE 3470 or Cl. Departmental approval required. Intensive language study in France.

FRE 4700 French Linguistics (3) AS WLE

PR: LIN 3010 and FRE 2201 or equivalent. An introduction to the phonological, morphological and syntactic structure of French.

FRE 4905 Directed Study (1-3) AS WLE

Departmental approval required.

FRE 4930 Selected Topics (1-3) AS WLE

Study of an author, movement or theme.

FRE 5425 Advanced Written Expression (3) AS WLE

PR: FRE 4421, or equivalent. Course is designed to give advanced training in free composition in French.

FRE 5566 Contemporary France (3) AS WLE

PR: FRE 3500 or equivalent or graduate standing. An advanced course in French civilization and culture including a study of recent social, artistic and political trends as well as various current intellectual movements. Text and discussions in French.

FRT 3001 Great French Love Stories in Translation MW (3) AS WLE

An overview of the evolution of the concept of romantic and passionate love in French literature throughout the centuries and its impact on western literature and thought.

FRT 3140 French Literary Masterpieces in English Translation 6A LW (3) AS WLE

A survey of the major literary works of France, tracing not only literary but intellectual and cultural history from the Middle Ages to the present.

FRW 4100 The French Novel MW (3) AS WLE

PR: FRE 3230, FRE 3420 or Cl. Study of the most representative novels from the 17th - 20th centuries in France, examining literary movements, ideas, and techniques. Course taught in French.

FRW 4101 Introduction to French Drama and Poetry MW (3) AS WLE

PR: FRE 3230. A study of the history of drama and poetry. Will include medieval drama, Racine, Corneille, Moliere, Anouilh, Sartre, Ionesco and others. Will also include Villon, Ronsard, DuBellay, Lamartine, Hugo, Vigny, Musset, Baudelaire, Mallarme, Rimbaud, Valery, Peguy, Eluard, Apollinaire, Char, and others. Course content may vary from year to year. Course taught in French.

FRW 5222 Classical Prose and Poetry (3) AS WLE

PR: FRW 4101. Emphasis on Malherbe, Descartes, Pascal, La Fontaine, and Boileau.

FRW 5226 20th Century Poetry and Theatre (3) AS WLE

PR: FRW 4101. Valery, Claudel, Anouilh, Motherland, Sartre, Ionesco.

FRW 5286 The 20th Century Novel (3) AS WLE

PR: FRW 4100. Proust, Gide, Mauriac, Malraux, Camus, Robbe-Grillet.

FRW 5314 Classical Drama (3) AS WLE

PR: FRW 4101. Corneille, Moliere, and Racine.

FRW 5415 Literature of the Middle Ages (3) AS WLE

PR: FRW 4100 or FRW 4101. Major genres, including epics, Arthurian romances, drama and lyric poetry. Reading in modern French translation.

FRW 5425 Literature of the Renaissance (3) AS WLE

PR: FRW 4100 or FRW 4101. A study of Renaissance French humanism including Rabelais, Montaigne, and Pleiade poets.

FRW 5445 18th Century Literature (3) AS WLE

PR: FRW 4100. The classical tradition and the new currents of thought in the Age of Enlightenment.

FRW 5528 Pre-Romanticism (3) AS WLE

PR: FRW 4100 or FRW 4101. The precursors of romanticism. Emphasis on Rousseau, Bernardin de St. Pierre, Chenier, and Chateaubriand.

FRW 5535 Romanticism and Early Realism (3) AS WLE

PR: FRW 4101. A study of the romantic and early realistic movements with emphasis on Lamartine, Vigny, Musset, Hugo, and Balzac.

FRW 5556 Naturalism and Realism (3) AS WLE

PR: FRW 4100 or FRW 4101. A detailed study of realism and naturalism with emphasis on Flaubert, Zola, les Goncourt, Maupassant, and Daudet.

FRW 5745 French Literature of Quebec (3) AS WLE

PR: A survey of Francophone literature and cultures is recommended. Overview of the main representative literary works in French from Quebec in all genres (poetry, drama, novel, short story) as well as a survey of the main traits of Quebec history & culture. Open to non-majors. Not repeatable for credit. Taught in French.

FRW 5755 African and Caribbean Literature (3) AS WLE

PR: A survey of French literature. An overview of the main representative literary works in French from North and SubSahara Africa as well as the Caribbean. Open to non-majors and not repeatable for credit. Course taught in French.

FRW 5829 An Introduction to Modern French Literary Criticism (3) AS WLE

A graduate elective 3 credit course entirely taught in French, which offers a survey of the main trends and methods in 20th Century literary criticism, the French having been at the avant-garde of the field.

FRW 5934 Selected Topics (1-3) AS WLE

PR: Upper-level or graduate standing. Study of an author, movement or theme.

FSS 3231 Introduction to Food Production Management (3) US HRM

Food preparation, standards and techniques in commercial food production and service. Factors affecting the quality of food, practical experience in food production and service, in accordance with food standards, sanitation & safety and cost control.

GEA 2000 World Regional Geography SS HP AF (4) AS GPY

348 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

- Comparative and analytical analysis of representative regions of the world with emphasis on cultural, political, economic, environmental, and physical diversity.
- GEO 3194 Regional Geography (4) AS GPY**
Variable title course to systematically study and compare special regions identified by the instructor.
- GEO 3300 Geography of Middle America (4) AS GPY**
- GEO 3405 Geography of Latin America 6A (4) AS GPY**
- GEO 3500 Geography of Europe 6A (4) AS GPY**
- GEO 3703 Geography of Asia (4) AS GPY**
- GEB 2350 Doing Business Around the World SS (3) BA GBA**
This course introduces the student to: 1) the nature of international business; 2) the framework of international organizations and the monetary system within which international business functions; 3) forces affecting international business, and 4) management responses to problems caused by international environments.
- GEB 2935 Selected Topics in Business (1-6) BA GBA**
Topics to be selected by department chairs.
- GEB 4890 Strategic Management and Decision Making MW (3) BA GBA**
PR: Senior standing and FIN 3403, MAN 3025, MAR 3023. The course is intended to provide a unifying, integrating, and coordinating opportunity to tie together concepts, principles, and skills learned separately in other, more specialized courses in Business Administration.
- GEB 4905 Independent Study (1-3) BA GBA**
PR: Cl. S/U only. Specialized independent study determined by the student's needs and interests.
- GEB 4915 Independent Research (1-4) BA GBA**
PR: Cl. Individual study contract with instructor and department chairperson required. The research project will be mutually determined by the student and instructor.
- GEB 4935 Selected Topics in Business Administration (1-4) BA GBA**
The content and organization of this course will vary according to the current interests of the faculty and needs of students.
- GEO 1930 Geography of Current Events SS (4) AS GPY**
Application of basic geographic principles of the analysis of contemporary events in various parts of the world.
- GEO 2041C Map Interpretation (4) AS GPY**
Analysis and synthesis of various types of maps and map projections.
- GEO 2200 Introduction to Physical Geography NS (3) AS GPY**
CR: GEO 2200L. Principles of physical geography; maps, earth-sun relationships; meteorological, hydrological, pedological, aeolian, and glacial processes; and resultant landforms.
- GEO 2200L Introduction to Physical Geography Lab (1) AS GPY**
CR: GEO 2200. Laboratory portion of Introduction to Physical Geography (GEO 2200).
- GEO 2371 Introduction to Earth Systems Science NS (3) AS GPY**
For non-majors only. The application of basic earth system science analysis to environmental problems. Review of impact of human activities on the surface of the earth at local and global scales.
- GEO 2400 Introduction to Human Geography (4) AS GPY**
Systematic treatment of human activities on earth; population, settlement, agriculture, industry, trade, transportation, and political aspects are among those considered.
- GEO 3164C Research Methods in Geography (4) AS GPY**
PR: STA 2023 or STA 2122 or QMB 2100. Statistical analysis in geographic research.
- GEO 3180 Computer Cartography (4) AS GPY**
An introduction to the concepts underlying modern, computer-based mapping and to the collection and storage of digital spatial data.
- GEO 3602 Urban Geography (4) AS GPY**
PR: GEO 2420 or Cl. Spatial analysis of urban areas; growth, location, spacing, and size. Development, site, situation, internal structure, and hinterland are considered.
- GEO 4114C Geographic Techniques and Methodology (4) AS GPY**
PR: GEO 3180 and GEO 3164C, or Cl. Selected topics in various geographic techniques and methodologies and their application.
- GEO 4131C Remote Sensing of the Environment (4) AS GPY**
PR: GEO 3180 and GEO 3164C, or Cl. Analysis of satellite images and aerial photographs for studies of the environment.
- GEO 4151C Geographic Information Systems (4) AS GPY**
PR: GEO 3180 and GEO 3164C, or Cl. An introduction to the concepts underlying Geographical Information Systems, with an emphasis on analytical capabilities of such systems in both raster and vector domains.
- GEO 4201C Topics in Physical Geography (4) AS GPY**
PR: GEO 2200 or Cl. Intensive study of a topic selected from physical geography.
- GEO 4210 Process Geomorphology (4) AS GPY**
PR: GEO 2200 or GLY 2010 or Cl. Origin, evolution, and distribution of the landforms of North America.
- GEO 4244 Tropical Meteorology NS (4) AS GPY**
PR: GEO 2200, one approved Calculus course, or Cl. This course examines the tropical atmosphere, its interaction with land and ocean, as well as weather and climate phenomena that are unique to the tropics. Students will take an in-depth look at hurricane climatology, the El Nino and Southern Oscillation phenomenon, thunderstorms and lightning, satellite remote sensing, monsoons, sea-breeze convergence and Florida climatology, surface energy exchange, land use change and its impact on tropical climates.
- GEO 4265 Soil Genesis and Classification (4) AS GPY**
PR: GEO 2200, or Cl. A systematic study of soil genesis and classification with a focus on North American and Florida soils.
- GEO 4280C Hydrology (4) AS GPY**
PR: GEO 2200 or Cl. Introduction to the general principles that govern hydrologic processes. Approaches to hydrologic measurements and the application of hydrologic analyses to water-resource management issues are examined.
- GEO 4300 Biogeography (4) AS GPY**
PR: GEO 2200 and GEO 3164C, or Cl. Analysis of the present and past distribution of species at an intermediate to large spatial scale.
- GEO 4340 Natural Hazards (4) AS GPY**
PR: Junior or Senior Standing. Examination of the physical, social, economic, political and cultural forces that create the phenomena of natural hazards. Case studies from around the world will include floods, droughts, tornadoes, hurricanes, freezes, heat waves, wild fires, earthquakes, tsunami, and volcanoes.
- GEO 4372 Global Conservation 6A MW (4) AS GPY**
The distribution, exploitation, and conservation of physical and human resources, ecology.
- GEO 4421 Cultural Geography (4) AS GPY**
PR: GEO 2420 or Cl. The interrelationships of culture and nature, from ancient times to the present.
- GEO 4470 Political Geography MW (4) AS GPY**
PR: GEO 2420 or Cl. The geographic factors underlying political decisions and influencing their outcome; the geographic consequences of these decisions; geopolitics.
- GEO 4502 Economic Geography (4) AS GPY**
PR: GEO 2420 or Cl. The spatial organization of economic production, consumption, and exchange systems.
- GEO 4604 Topics in Urban Geography MW (4) AS GPY**
PR: GEO 3602, or Cl. Intensive examination of issues such as economic restructuring and inner-city decline, ghetto formation, gentrification, transportation, and policy-making.
- GEO 4700 Transportation Geography (4) AS GPY**
PR: GEO 2420 and GEO 3164 or Cl. General concepts related to the movement of goods and people, with particular emphasis on spatial principles and urban transportation problems and planning.
- GEO 4900 Directed Reading (1-4) AS GPY**
PR: 20 hours in geography and Cl prior to registration.
- GEO 4910 Individual Research (1-4) AS GPY**
PR: 20 hours in geography and Cl prior to registration.
- GEO 4933 Geography Colloquium (1) AS GPY**
Senior Standing in geography Weekly topical lectures by faculty and outside speakers. Students will develop a plan for their professional or graduate careers.
- GEO 5134C Advanced Remote Sensing (3) AS GPY**
PR: GS in Geography or Cl, GEO 4124C. Study of digital image processing techniques. Topics include filtering techniques, geometric and radiometric normalization, and classification algorithms with emphasis on developing.
- GEO 5157 Advanced Geographic Information Systems (3) AS GPY**
PR: GS in Geography or Cl. Spatial problem solving utilizing GIS mapping and statistical methods. The course is designed to give students hands-on experience in using computerized techniques for geographic analysis.
- GEO 5177 GIS for Non-Majors (3) AS GPY**
An introduction to the concepts underlying digital thematic mapping and geographical information systems (GIS) for non-geography majors and non-geography graduate students.
- GEO 5215 Advances in Geomorphology (3) AS GPY**
PR: GEO 4372 or Cl. Advanced examination of geomorphic processes and landforms with an emphasis on Florida.
- GEO 5263 Advances in Soils (3) AS GPY**

- PR: GEO 4372 or CI. Examination of how earth systems influence soil formation and variation. Details analysis of soils, lithosequences, biosequences, toposequences, lithosequences, chronosequences, and anthrosequences.
- GEO 5288 Hydrological Systems (3) AS GPY**
PR: GEO 4372 or CI. A systematic approach to hydrology using the drainage basin as the fundamental unit of analysis is used to explore form and process, while modeling streamflows.
- GEO 5347 Advances in Natural Hazards (3) AS GPY**
PR: GEO 4372 or CI. Analysis of natural hazards integrating principles of physical, social, economic, political, and technical forces that affect extreme geophysical events.
- GEO 5475 Advanced Political Geography (3) AS GPY**
PR: GEO 4470 or CI. Advanced investigation of geopolitical issues including: the human construction of territoriality, ethnic relations, the making of nations and states, the geopolitics of localities, and environmental policy making.
- GEO 5545 Advanced Economic Geography (3) AS GPY**
PR: GEO 4502 or CI. An intensive examination of selected issues in economic geography including: regional development and decline; spatial labor market trends; business locational analysis; and comparative economic policy.
- GEO 5605 Contemporary Urban Issues (3) AS GPY**
PR: GEO 3602; GEO 4604; or CI. Advanced survey of urban issues such as: industrial restructuring and urban development, inner-city ethnic relations, the geopolitics of urban governance, and urban culture.
- GEO 5704 Advanced Transportation Geography (3) AS GPY**
PR: GEO 4114; GEO 4700; or CI. Review of transportation issues and analysis, focusing on modeling and planning for flows of goods and people. Provides a hands-on approach to use of GIS for such analysis.
- GER 1120 Beginning German I (4) AS WLE**
CR: GER 1120L. Development of basic skills in listening and reading comprehension, speaking and writing of German.
- GER 1120L Beginning German I Laboratory (1) AS WLE**
CR: GER 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.
- GER 1121 Beginning German II (4) AS WLE**
PR: GER 1120 or equivalent. CR: GER 1121L. Continued development of basic skills in listening and reading comprehension, speaking and writing German.
- GER 1121L Beginning German II Laboratory (1) AS WLE**
CR: GER 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.
- GER 2200 German III (3) AS WLE**
PR: GER 1121 or equivalent. A review of the basic structure of spoken and written German. May be taken concurrently with GER 2201.
- GER 2201 German IV (3) AS WLE**
PR: GER 1121 or equivalent. Readings in German on the intermediate level. May be taken concurrently with GER 2200.
- GER 2240 Conversation I (3) AS WLE**
PR: GER 1121. For development of basic conversational skills.
- GER 3420 Composition I (3) AS WLE**
A fundamental course for students who have completed GER 2200 or GER 2201.
- GER 3440 German for Business and International Trade (3) AS WLE**
PR: GER 2200, or CI. An introduction to the German language in ordinary business transactions.
- GER 3500 German Civilization (3) AS WLE**
PR: GER 2200 or GER 2201. Readings in German on the cultural history of Germany.
- GER 4410 Conversation II (3) AS WLE**
Free conversation based on the current German idiom.
- GER 4421 Composition II (3) AS WLE**
Practical training in modern German usage and differences of style.
- GER 5605 Goethe (3) AS WLE**
Selected novels, poems: Werther, Wahlverwandtschaften, Wilhelm, Meister, Westostlicher, Divan.
- GER 5845 History of the German Language (3) AS WLE**
A diachronic approach to the study of the German language. The course traces the history and development of the language from Indo-European through Germanic, Old, Middle, and New High German.
- GET 3100 German Literature in English Translation MW (3) AS WLE**
Analysis and interpretation of selected major works of German literature, to be read in English, with regard to their thought content and relevance to our thoughts and actions.
- GET 4293 New German Cinema to Present MW HP (4) AS WLE**
An overview of post-1945 Ger films with emphasis on films from New Ger Cinema (1960s-early 80s) & its aftermath. Course offers insights into Germany's artistic, intellectual, and social history, as well as general film history and criticism. Taught in Eng.
- GEW 4100 Survey of German Literature I (3) AS WLE**
Course will examine a variety of texts from the 9th to the early 19th century, exposing significant moments in German literature and thought and exploring diverse perspectives on German culture and society. Course taught in German. Not repeatable.
- GEW 4101 Survey of German Literature II (3) AS WLE**
Course will examine a variety of texts from the 19th century to the present, exposing significant moments in German literature and thought and exploring diverse perspectives on German culture and society. Course taught in German. Course not repeatable.
- GEW 4750 Women in Contemporary German Literature and Film HP (3) AS WLE**
PR: GER 2200 or above or CI. This course serves as an introduction to contemporary literary works and films by women writers and directors from German speaking countries. It will examine the works based on feminist literary and cultural theory.
- GEW 4900 Directed Study (1-3) AS WLE**
Departmental approval required.
- GEW 4930 Selected Topics (1-3) AS WLE**
Study of an author, movement or theme.
- GEW 5475 20th Century Literature to 1945 (3) AS WLE**
A study of major styles in German literature from 1900 to WW II with emphasis on Hauptmann, Schnitzler, Hofmannsthal, George, Rilke, Kaiser, Heym, Trakl, Thomas Mann, Hesse, Kafka, Benn, Brecht.
- GEW 5489 20th Century Literature: 1945 to Present (3) AS WLE**
Study of major trends in German literature since WW II with emphasis on Borchert, Frisch, Durrenmatt, Boll, Uwe, Johnson, Grass, Aichinger, Eich, Enzensberger, Bachmann.
- GEW 5515 The Enlightenment (3) AS WLE**
Selected dramas and critical writings by Lessing, Wieland, Kant.
- GEW 5545 Romanticism (3) AS WLE**
Jenaer circle and Heidelberger circle; the late romantic period, the writers between Classicism and Romanticism.
- GEW 5555 Realism (3) AS WLE**
Selected works by Grillparzer, Grabbe, Buchner, Hebbel, Heine, Immerman, Stifter, Keller, Meyer, Storm, Raabe, Hulshoff, and Morike.
- GEW 5606 Faust (3) AS WLE**
Sources, form, content, and literary significance of Urfaust and Faust.
- GEW 5615 Schiller (3) AS WLE**
Selected dramas, philosophical, and aesthetical writings.
- GEW 5934 Selected Topics (1-3) AS WLE**
PR: Upper-level or graduate standing. Study of an author, movement or theme.
- GEY 2000 Introduction to Gerontology SS (3) AS GEY**
This course is designed to be an introduction to the study of aging. The aging process is viewed from a multi-disciplinary perspective including the biological, psychological, and sociological aspects of aging.
- GEY 3323 Community Services for Older Adults (3) AS GEY**
This class is designed to introduce students to services available to older adults and to careers in the field of aging services. Content includes theoretical and practical issues, as well as exposure to opportunities for service and employment.
- GEY 3601 Physical Changes and Aging (3) AS GEY**
A survey of normal and pathological physical changes occurring from middle age through older age. Course emphasis will be on basic age-related changes and their implications for behavior in older age.
- GEY 3625 Sociocultural Aspects of Aging 6A SS AF (3) AS GEY**
Consideration of human aging in a broad sociocultural context. Course emphasis will be on historical, philosophic, and demographic aspects of aging, theories of social gerontology, attitudes toward aging and the aged, cross-cultural perspectives on aging, the sociology of retirement, and aging and the community.
- GEY 4322 Gerontological Case Management (3) AS GEY**
This course examines the role and function of case management in meeting the care needs of the older adult. All aspects of case

350 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

management practice are covered, including the elements of the case management process as well as ethical and legal issues.

- GEY 4327 Long-Term Care Administration I (3) AS GEY**
PR: GEY 2000. A survey of Long Term Care (LTC) environments. Explored are such issues as definitions of LTC, physiological conditions of LTC uses, the institutional setting, the sociopsychological context, and methods of evaluation and intervention.
- GEY 4328 Long-Term Care Administration II (3) AS GEY**
PR: GEY 4327, ACG 2011, each with a grade of C or better. Administration of long-term care institutions from a group dynamics perspective. Emphasis on informed problem solving and decision-making via analysis of the psychosocial and sociocultural environment in the nursing home community. Course objective is to create efficient and humane living and working conditions in nursing homes.
- GEY 4329 Long-Term Care Administration III (3) AS GEY**
PR: GEY 4328, ACG 2011, each with a grade of C or better. This course will familiarize the student with the basic aspects of nursing home administration through the practical application of management theory and concepts.
- GEY 4340 Housing for the Elderly (3) AS GEY**
Major issues and aspects of conventional and planned housing for the elderly.
- GEY 4360 Gerontological Counseling (3) AS GEY**
An introduction to the study of the major mental health problems of the elderly. Current approaches to counseling the elderly in community and institutional settings are discussed.
- GEY 4401 Research Methods in Gerontology (3) AS GEY**
PR: STA 2122 or equivalent with a grade of C or better. Restricted to Gerontology majors, others by departmental permission. Methods and techniques of social research in gerontology. Design of gerontological studies, collection and analysis of data, interpretation of results, and preparation of reports.
- GEY 4608 Alzheimer's Disease Management (3) AS GEY**
PR: GEY 2000 or GEY 3326. This course will provide instruction on effective approaches for providing care to persons with Alzheimer's Disease and related disorders in residential and home care settings. The major dementing disorders and typical behaviors presented by patients are presented along with strategies for successful behavior management. Building a dementia program and building dementia care teams are also covered.
- GEY 4612 Psychology of Aging SS (3) AS GEY**
A comprehensive overview of psychological aspects of aging. Topics will include age-related changes in sensation/perception, cognition, and personality, as well as application to late-life psychopathology.
- GEY 4628 Minority Aging SS (3) AS GEY**
Minority status, race, and ethnicity are socially constructed concepts that reflect our aging society's value systems, prejudices, and social stratification. This course will expose students to these concepts through a life course and political economy perspective.
- GEY 4635 Business Management in an Aging Society XMW (3) AS GEY**
This course provides students with an interdisciplinary perspective that addresses both business management and the impact of our aging society on business.
- GEY 4641 Death and Dying SS (3) AS GEY**
A broad overview of the basic concepts and psychosocial issues relating to the meaning of loss and death, the process of death, and the experience of grieving. Health care practices are considered along with community resources.
- GEY 4647 Ethical and Legal Issues of Aging SS MW (3) AS GEY**
A consideration of the major ethical and legal issues in aging and their implications for policies, priorities, and services.
- GEY 4900 Directed Readings (1-3) AS GEY**
PR: CI. A reading program with topics in gerontology conducted under the supervision of a faculty member.
- GEY 4935 Special Topics in Gerontology (3) AS GEY**
Courses on topics such as preretirement, mental health, human services organization, nursing home administration, the older woman, and elder abuse will be offered.
- GEY 4945 Field Placement (1-9) AS GEY**
PR: CI. Subject to availability of internship sites approved by the School of Aging Studies. Internship in an agency or community setting. A full-time assignment to an agency or organization, engaged in planning or administering programs for older people if in the BA program (6 hours), or to a nursing home if in the BS program (9 hours).
- GEY 5620 Sociological Aspects Of Aging (3) AS GEY**

Examines, within a sociological frame of reference, the interrelationships between the aged (or aging) and the structure and function of the social system and its major institutionalized subsystems.

- GEY 5630 Economics and Aging (3) AS GEY**
Examines basic economic systems as they impact the aged. Emphasis is on applied aspects of economic planning, pensions, insurance, social security and other support systems.
- GEY 5642 Perspectives on Death and Dying (3) AS GEY**
Study of the various psychological, medical, legal, and religious problems caused by dying and death, and how individuals and groups have responded in the past and present.
- GLY 2000 Earth and Environmental Systems NS (3) AS GLY**
May substitute for GLY 2010 for geology majors. This course examines the geology of the earth and the environment, using an earth systems approach that looks at interactions between the lithosphere, hydrosphere, atmosphere, and biosphere. Students will learn general principles of geology, travel world-wide on the internet, and participate in discussions on topics ranging from the scientific method to the latest geologic discoveries. Open University course; taught via internet and TV. Open University course; taught via internet and TV.
- GLY 2010 Dynamic Earth: Introduction to Physical Geology NS (3) AS GLY**
Required for Geology majors; open to non-majors. Study of minerals, rocks, and dynamic processes of the earth. Introduction to the origin of earth's materials, landforms, and structures.
- GLY 2010L Dynamic Earth Laboratory (1) AS GLY**
PR: GLY 2010 or concurrent registration. Required for Geology majors; open to non-majors. Laboratory study of earth materials, landforms, geologic structures, topographic and geologic maps. Lec-lab-field trips.
- GLY 2015L Essentials of Geology Laboratory (1) AS GLY**
Fundamental concepts and skills of modern geology, including rock and mineral identification, analysis of geologic maps, field analysis, and applications of computers in Geology. Required field trip.
- GLY 2030 Hazards of the Earth's Surface: Environmental Geology NS (3) AS GLY**
May substitute for GLY 2010 for geology majors. A first course in geology emphasizing environmental aspects of the earth's crust, such as earthquakes, depletion of the earth's resources, water-supply problems, and geologic aspects of land use and planning.
- GLY 2040 Origins: From the Big Bang to the Ice Age NS (3) AS GLY**
The history of the cosmos, origin of the universe, galaxies, the solar system, and earth, evolution of life, great extinction's including the dinosaurs, evolution of the primates, and the environmental future of the planet. (For both non-science and science majors.)
- GLY 2050 Science, Earth and Life NS (3) AS GLY**
May substitute for GLY 2010 for geology majors. The nature, history and philosophy of science intended primarily for non-science majors. Consideration of science as a way of knowing through examples taken primarily from historical geology and biology (e.g., extinction of the dinosaurs, continental drift, evolution) but also from physics and astronomy. Consideration of social relevance of science.
- GLY 2100 History of the Earth and Life NS (3) AS GLY**
PR: A course in geology. Required for Geology majors; open to non-majors. Study of the physical and biological history of the earth including evolution of the major groups of organisms, plate tectonics, and interpretation of ancient environments.
- GLY 2100L Earth History Laboratory (1) AS GLY**
Laboratory study of the history of the earth and life. Required for Geology majors; open to non-majors.
- GLY 2930 Selected Topics in Geology (1-3) AS GLY**
Does not count toward the geology major. Topical courses in geology of general interest.
- GLY 3311C The Solid Earth: Petrology and Geochemistry (4) AS GLY**
Igneous and metamorphic rocks of modern and ancient tectonic environments. Rock-forming processes at plate margins and intraplate sites. Essentials of hand specimen and microscopic mineralogy. Required field trip. Lec-lab. May not be repeated for credit.
- GLY 3402C The Solid Earth: Plate Tectonics and Earth Structure (4) AS GLY**
PR: 4 hrs. introductory geology including GLY 2015L; MAC 2312 or equivalent; PHY 2048. Plate tectonic theory and its implication re: the formation of structural features on outcrop and regional

- scales. Field and geophysical tools for structural analysis. Required field trip. Lec-Lab.
- GLY 3552C Sedimentary Record 1: Sedimentary Processes and Petrology (4) AS GLY**
PR: GLY 2015L, CHM 2045, MAC 2281. CR: GLY 3311C. A lecture and laboratory class that discusses sedimentary processes, formation and classification of sedimentary rock, and the sedimentary rock record. Examination of the rock record to solve problems in sedimentary geology.
- GLY 3610C Introduction to Invertebrate Paleontology (4) AS GLY**
PR: GLY 2100, BSC 2010 or equivalent strongly encouraged as background. Lectures cover principles and applications of paleontology, including biostratigraphy, taphonomy, paleoecology, and micro- and macroevolutionary patterns and processes. Labs survey the invertebrate phyla comprising the bulk of the fossil record.
- GLY 3720C The Fluid Earth (4) AS GLY**
PR: GLY 2015L; MAC 2311 and MAC 2312 or equivalent; CHM 2045 and CHM 2046; PHY 2048 and PHY 2048L. Physical, chemical and biological processes affecting fluids of the lithosphere, oceans and atmosphere. Water as a geologic medium and global entity. A systems approach. Not available as S/U for geology majors; S/U available for others.
- GLY 3850 Geology For Engineers (3) AS GLY**
PR: Junior standing in College of Engineering or CI. No credit toward the geology major, or for those with credit for GLY 2010. An examination of geologic materials and processes designed for engineering students; classification and properties of earth materials, surface processes, site investigation techniques, applications of geology to the solution of engineering problems.
- GLY 4045 Moons, Planets, and Meteors: An Introduction to Planetary Science XMW (3) AS GLY**
PR: Junior standing. Solar System exploration, from Aristotle to NASA. Modern views on the origins of meteorites, the Moon, Mars, Venus, and other planetary bodies, and the methods of planetary study. Meteor impacts, their effects, future hazard. Space science as a tool in the study of the Earth. Field trips, lectures, Internet exercises.
- GLY 4053 Theories and Arguments about the Earth MW (3) AS GLY**
PR: 2000 level geology course. History of thinking about the Earth: context - geologic controversies; emphasis - geologic reasoning.
- GLY 4104C Sedimentary Record 3: Paleontology and Earth Evolution (4) AS GLY**
PR: GLY 2015L, GLY 3552C, BSC 2010. The study of "deep time", including how it is measured, how it is correlated over the Earth's surface, and how important physical, biologic, and chemical geologic processes have varied with time. Lec-Lab.
- GLY 4554C Sedimentary Record 2: The Earth's Surface (4) AS GLY**
PR: At least one course in Geology with lab. Principles of weathering, erosion, production, and transport of sediment on the earth's surface, and the resulting geomorphology. Modern sedimentary environments and the process-response systems that govern them. Course is open to anyone with at least one course in geology with lab. Course is not available on an S/U basis for geology majors; it is for other majors.
- GLY 4734 Beaches and Coastal Environments MW (3) AS GLY**
A comprehensive introduction to the nature of all coastal environments including beaches, dunes, tidal inlets, estuaries, reefs, and river deltas. Emphasis will be on the natural state of these environments and how human activities have and will impact them. Consideration of coastal management policies involving economics, ethics, policy, and environmental law.
- GLY 4780 Geological Field Studies (1-3) AS GLY**
PR: 1 geology course. Lectures and field trip to study modern geologic systems and/or geologic origins of specific regions. Mapping and field description techniques introduced. Topic/destination of trip varies. Trip requires camping and vigorous physical activity. Lec. Field trip.
- GLY 4805 Geology and Development of Modern Africa MW (3) AS GLY**
An in-depth look at how geology has affected the politics, history and culture of Africa. Units include the Nile and hydropolitics, deserts and climate, rifting and hominid evolution, and mining and politics.
- GLY 4822C Fluid Earth 2: Hydrogeology (4) AS GLY**
PR: GLY 2015L, GLY 3720C, PHY 2048, MAC 2281. CR: MAC 2282. Ground water flow systems, ground water geology, introduction to numerical and analytical models of ground water flow. Lec-lab-field trips.
- GLY 4866 Computational Geology (3) AS GLY**
PR: One semester of calculus and physics. Geologic problems and problem-solving from a mathematical perspective. The intersection of geology and math. Calculations and error analysis. Not available as S/U for geology majors; S/U available for others.
- GLY 4905 Independent Study (1-3) AS GLY**
PR: CI. S/U only. Specialized independent study determined by the student's needs and interests.
- GLY 4915 Undergraduate Research (1-3) AS GLY**
PR: Senior or advanced junior standing and written permission of department prior to registration. S/U only. Individual experimental investigations with faculty supervision.
- GLY 4920 Geology Colloquium (1) AS GLY**
PR: Senior standing in Geology. S/U only. Weekly topical lectures by faculty, graduate students and invited speakers.
- GLY 4921 Geocommunications (3) AS GLY**
PR: Twelve (12) or more hours upper level geology courses. A course in communicating within the disciplines of the earth sciences. Emphasis will be on: writing for publication and technical reports, preparation and presentation of posters, and preparation and presentation of oral papers in earth sciences. Course is open to anyone majoring in geology, geography, anthropology or environmental science and policy. Course is not available on a S/U basis for geology majors.
- GLY 4930 Selected Topics in Geology (1-4) AS GLY**
Each topic is a course under the direction of a faculty member with the content depending on the interests of the students and faculty involved. All areas of geology included.
- GLY 4946L Practical and Applied Geology: Teaching Experience (1) AS GLY**
PR: Junior standing, declared Geology major, and at least 12 credit hours of Geology courses, or CI. CR: Enrollment in other Practical/Applied sections. Completion of Geology supporting course sequence highly recommended. Hands-on course designed to give students experience in teaching geology. Topics vary widely, with several different offerings each semester. May be repeated for credit.
- GLY 4947L Practical and Applied Geology: Laboratory Experience (1) AS GLY**
PR: Junior standing, declared Geology major, and at least 12 credit hours of Geology courses, or CI. CR: Enrollment in other Practical/Applied sections. Completion of Geology supporting course sequence highly recommended. Hands-on course designed to teach the basic laboratory skills of a practicing geologist. Topics vary widely, with several different offerings each semester. May be repeated for credit.
- GLY 4948L Practical and Applied Geology: Field Experience (1) AS GLY**
PR: Junior standing, declared Geology major, and at least 12 credit hours of Geology courses, or CI. CR: Enrollment in other Practical/Applied sections. Completion of Geology supporting course sequence highly recommended. Hands-on course designed to teach the basic skills of a practicing field geologist. Topics vary widely, with several different offerings each semester. May be repeated for credit.
- GLY 4949L Practical and Applied Geology: Computational Experience (1) AS GLY**
PR: Junior standing, declared Geology major, and at least 12 credit hours of Geology courses, or CI. CR: Enrollment in other Practical/Applied sections. Completion of Geology supporting course sequence highly recommended. Hands-on course designed to teach the basic computational skills of a practicing geologist. Topics vary widely, with several different offerings each semester. May be repeated for credit.
- GLY 4970 Undergraduate Honors Thesis (3) AS GLY**
Open to seniors admitted to the Geology undergraduate honors program. Students will complete an independent research project under supervision of a faculty member, and present results in a senior thesis and a public presentation.
- GLY 5752 Geological Field Excursion (2) AS GLY**
PR: Senior standing in geology or CI. Lectures and 2-3 week field excursion to study regional geology, structure and lithogenesis of geologically complex terrain. Mapping and outcrop description techniques are emphasized. Destination of trip varies. Trip requires camping and vigorous physical activity. Lec-field trip.
- GLY 5865 Statistical Models in Geology (3) AS GLY**
PR: STA 2023 or equivalent or CI. Application of statistical methods to geological problems. Emphasis on sampling plans, nature of geologic distributions, and application of analyses of variance to solving geologic problems. Lec.
- GLY 5932 Selected Topics in Geology (1-4) AS GLY**

352 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

PR: Senior or advanced junior standing. Each topic is a course under the direction of a faculty member. All areas of geology included.

GRA 2206C Typography (3) VP ART

Restricted to majors. This foundational course explores the structure of letter forms and lettering. This course provides information about the importance of type in the context of graphic design and application for printed and electronic media.

GRA 3104 Computer Graphics (3) VP ART

Restricted to majors. This course is the continuation of Graphic Design I. The coursework emphasizes the utilization of electronic media for visual problem solving. Students will increase their skill with web based design and photo-editing software.

GRA 3110 Graphic Design I (3) VP ART

Restricted to majors. This course explores the application of formal design principles to visual problem solving through typography, layout, and web design. Students will apply conventional and electronic tools and techniques to the graphic design process.

GRA 3735 Multimedia Systems I (3) VP ART

Restricted to majors. This course introduces multimedia systems and focuses on their use as tools in the production of digital multimedia. Content covers all key hardware, navigation, and operating components.

GRA 4930C Graphic Design: Senior Studio (3) VP ART

Restricted to majors. Advanced problems in graphic design, advertising, and multimedia visual communication systems will be discussed and assigned as projects. Focus is upon efficient and effective use of technology in the design production process.

GRA 4940 Graphic Design: Internship (2) VP ART

Competitive portfolio may be required. Restricted to majors. On site supervised work experience in an educational, graphic studio, advertising agency, or corporate environment.

GRA 4945 Graphic Design: Professional Practicum (3) VP ART

Restricted to majors. Students fine-tune their portfolios, create self promotional print and digital projects and develop their resumes. Includes field trips to studios, agencies, corporate graphic departments and marketing firms.

GRA 4955C Senior Project: Portfolio (3) VP ART

Restricted to majors. This course covers the organization and presentation of a design/advertising/graphic portfolio and appropriate related materials. Emphasis is upon portfolio development, professional production, and self promotional skills.

GRE 1120 Beginning Classical Greek I (4) AS WLE

An introductory course in classical Greek grammar with appropriate readings.

GRE 1121 Beginning Classical Greek II (4) AS WLE

PR: GRE 1120 or equivalent. An introductory course in classical Greek grammar with appropriate readings.

GRE 2040 New Testament Greek I (4) AS REL

An introduction to an intensive study of the koine Greek of the New Testament, for beginners; New Testament readings, composition, analysis of the structure of Greek of the New Testament.

GRE 2041 New Testament Greek II (4) AS REL

PR: GRE 2040. Intermediate readings and grammar of the Greek New Testament.

GRE 2200 Intermediate Classical Greek (4) AS WLE

PR: GRE 1121 or equivalent. Readings in Greek at an intermediate level.

GRK 1120 Beginning Modern Greek I (4) AS WLE

CR: GRK 1120L. An intensive study of basic skills; pronunciation, listening comprehension, speaking and some composition.

GRK 1120L Beginning Modern Greek I Laboratory (1) AS WLE

CR: GRK 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

GRK 1121 Modern Greek II (4) AS WLE

PR: GRK 1120 or its equivalent; CR: GRK 1121L. A continuation of GRK 1120. An intensive study of basic skills; pronunciation, listening comprehension, speaking and some composition.

GRK 1121L Modern Greek II Laboratory (1) AS WLE

CR: GRK 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

GRK 2200 Modern Greek III (4) AS WLE

PR: GRK 1121 or the equivalent. For language students who intend to attain basic proficiency.

GRK 2201 Modern Greek IV (4) AS WLE

PR: GRK 2200 or its equivalent. Continuation of GRK 2200. Practice of writing, speaking and listening skills for language students who intend to attain basic proficiency.

GRK 4905 Directed Study (1-5) AS WLE

Departmental approval required. S/U only. Permits study options in Modern Greek not available in the regularly scheduled curriculum at departmental discretion.

GRK 4930 Selected Topics (1-5) AS WLE

Departmental approval required. Course permits classes in Modern Greek not available in the regularly scheduled curriculum at departmental discretion.

GRW 4905 Directed Reading (1-4) AS WLE

Departmental approval required.

GRW 5905 Directed Reading (1-4) AS WLE

Departmental approval required.

GRW 5934 Selected Topics (1-4) AS WLE

Available to majors and non-majors. Study of an author, movement or theme.

HBR 1120 Modern Hebrew I (4) AS WLE

CR: HBR 1120L. An intensive study of basic skills; pronunciation, listening comprehension, speaking and some composition.

HBR 1120L Modern Hebrew I Laboratory (1) AS WLE

CR: HBR 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

HBR 1121 Modern Hebrew II (4) AS WLE

PR: HBR 1120 or its equivalent; CR: HBR 1121L. A continuation of HBR 1120. An intensive study of basic skills; pronunciation, listening comprehension, speaking and some composition. More sophisticated oral/aural skills are attained. Basic reading skills are acquired.

HBR 1121L Modern Hebrew II Laboratory (1) AS WLE

CR: HBR 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

HBR 2200 Modern Hebrew III (4) AS WLE

PR: HBR 1121 or the equivalent. For language students who intend to attain basic proficiency.

HBR 2201 Modern Hebrew IV (4) AS WLE

PR: HBR 2200 or the equivalent. Continuation of HBR 2200. Practice of writing, speaking and listening skills for language students who intend to attain basic proficiency.

HBR 4905 Directed Study (1-5) AS WLE

Departmental approval required. S/U only. Permits study options in Modern Hebrew not available in the regularly scheduled curriculum at departmental discretion.

HEB 1120 Basic Hebrew I (4) AS REL

Designed to give students a working knowledge of Classical (Biblical) Hebrew and to introduce them to the Biblical literature in the original language.

HEB 1121 Basic Hebrew II (4) AS REL

Designed to give students a working knowledge of Classical (Biblical) Hebrew and to introduce them to the Biblical literature in the original language.

HFT 3005 Introduction to Hospitality and Tourism (3) US HRM

An overview of the hospitality industry, including all of its related fields: restaurant; lodging; meetings, conventions and expositions. Also featured are the applications of the general marketing, human resources, leadership, and management.

HFT 3263 Restaurant and Catering Management (3) US HRM

PR: HFT 3424, FSS 3231 Management of food and beverages as they relate to planning, production, supervision and cost control in restaurants and catering food services, with emphasis on techniques of food preparation, menu merchandising, food safety, bar services and wine list.

HFT 3423 Hospitality Information Systems (3) US HRM

PR: ISM 3011, HFT 3005 The study of management information systems in the hospitality management industry. The students will evaluate software and hardware computer systems and application software being used in the hospitality industry and develop selection strategies.

HFT 3424 Cost Control in Hospitality Operations (3) US HRM

PR: HFT 3005, FIN 3403, MAN 3025 Provides students with a thorough understanding of hospitality financial accounting concepts. The emphasis of the course is to use accounting information in making managerial decisions and to prepare and understand hospitality financial statements.

HFT 3503 Hotel Marketing and Sales (3) US HRM

PR: MAR 3023 Principles of marketing and sales and practical application in hospitality marketing philosophies; the marketing

- mix; product differentiation; corporate travel market; and the association, convention, and trade show market.
- HFT 3603 Law and Security for the Hospitality Industry (3) US HRM**
PR: HFT 3005 Functions of the law, legal environment and legal reasoning. An overview of the security issues in the hospitality industry. The law pertaining to contracts, workmen's comp and the impact of law on economic enterprise in the hospitality industry.
- HFT 4221 Human Resources Management (3) US HRM**
PR: HFT 3005, MAR 3023 Designed to educate new managers and supervisors in the complex issues involved in a comprehensive human resource program and its importance to hotel and restaurant business. Workmen's Compensation, ADA, training, unions, EEO and discrimination issues.
- HFT 4253 Lodging Management (3) US HRM**
PR: HFT 3005, MAN 3025 Principles, practices, and procedures of managerial functions as they relate to the operation of hotels. Training, conflict resolution, total quality management, crisis management, employee empowerment and service standards are focus of team building.
- HFT 4323 Facilities Management in Hospitality Operations (3) US HRM**
PR: HFT 3005 Engineering aspects of hospitality establishments, preventive maintenance procedures, energy conservation, waste management, pollution control, life safety systems, and facilities design and layout, air conditioning lighting, sound control.
- HFT 4471 Management Accounting and Finance in Hospitality (3) US HRM**
PR: FIN 3403, HFT 3005, HFT 3424 Financial functions in hospitality, interpret hospitality financial statements, capital investment decision making, financial instruments and concepts. Analytical modeling for hospitality operations, including ratio analysis and capital budgeting tools.
- HFT 4930 Special Topics in Hospitality (1-3) US HRM**
PR: HFT 3005 Topics to be selected by instructor and department chairperson for pertinent Hospitality Management issues.
- HFT 4945 Advanced Internship (3) US HRM**
PR: HFT 3005 Coordinated hospitality training combines practical experience with didactic academic analysis. Principles, theory and standard practices applied to operational situations. S/U only.
- HIS 2931 Special Topics (2-4) AS HTY**
This course emphasizes a selected historical problem or issue. A variety of instructional approaches will be taken, and topics may vary.
- HIS 3308 War and Society MW (3) AS HTY**
An examination of the ways in which societies have organized themselves for war and how societies are changed by war. Also explores gendered expectations in war, and the changing conduct of war. Does not count for History major or minor credit.
- HIS 3474 Science and Civilization (4) AS HTY**
A thematic study of the interrelationship of science and society in modern history emphasizing the institutional forms, value structures, and social relations in science as they have developed from the scientific revolution to the present.
- HIS 3930 Special Topics (2-4) AS HTY**
This course is designed to emphasize a selected historical problem or issue that is meaningful and challenging to the student. A variety of instructional approaches will be taken to the material. Topics will be changed each semester.
- HIS 3938 Major Issues in History MW (3) AS HTY**
This course provides an introduction to the disciplines of history by examining a specific historical issue and its relation to at least one of the following dimensions: gender, race and ethnicity, international perspectives, environmental perspectives. Does not count for History major or minor credit.
- HIS 4104 Theory of History (4) AS HTY**
Required of all history majors. Recommended to be taken during the senior year. An analysis of the foundations of historical knowledge and historical methodology. Includes a survey of historical thinking and writing from ancient times to the present.
- HIS 4900 Directed Reading (1-4) AS HTY**
PR: CI. Arrangement with instructor prior to registration. Readings in special topics.
- HIS 4920 Colloquium in History (2-4) AS HTY**
Reading and discussion of selected topics in the various fields of history. The subject and scope of inquiry will be determined by the instructor for each section.
- HIS 4936 Pro-Seminar in History 6A MW (4) AS HTY**
PR: CI. Required of all history majors. Advanced topics in the various fields of history. Emphasis on discussion of assigned readings and on research and writing of a major paper.
- HLP 2081 Personal Wellness: A Lifetime Commitment (3) ED EDJ**
An examination of the bases for adopting a positive health lifestyle with a major emphasis on diet, weight management, physical fitness, stress management, and substance-abuse management.
- HLP 4722 Health and Physical Education for the Child (2) ED EDE**
The course helps elementary education majors understand the health, and developmental needs of K-6 children and to learn the role of the classroom teacher in providing health services, healthy environments, and health & physical ed. instruction.
- HLP 4941 Wellness Internship (12) ED EDP**
Open to Wellness Leadership Physical Education Majors only. S/U only. Supervised performance in adult fitness and/or wellness programs. Full semester on-site.
- HSA 4011 Introduction to Public Health (3) PH CFH**
A survey of policies and programs in public/community health with emphasis on specific needs and problems of Florida.
- HSC 2100 Contemporary Health Science SS (3) PH CFH**
A comprehensive approach to health concerns and problems in contemporary society, including methods of assessing individual health needs.
- HSC 2133 Sex, Health, and Decision-Making SS (3) PH CFH**
This course will provide the student with an overview of the issues involving sexual behaviors, decision-making processes and health outcomes. The course will offer a public health perspective of the consequences of risk-taking activities as well as a psychosocial and cultural view of antecedent behaviors.
- HSC 2400 First Aid (2) ED EDP**
Meets the American Red Cross certification requirements in standard and advanced first aid.
- HSC 2933 Selected Topics in Public Health (1-6) PH PHC**
Overview of major public health and health related issues of interest to undergraduates. Course explores a variety of health topics that are related to improving the health and health behaviours of individuals, groups and communities. Specific topics may vary each semester. No prerequisites. Majors and non majors. May be repeated for up to 6 credits.
- HSC 3301 Health, Safety, Nutrition and Motor Skills for the Young Child (3) ED EDP**
Provide students with the knowledge to teach developmentally appropriate motor activities; to provide continuous health services; create and maintain a healthy learning environment; and sequence appropriate health instruction for Pre-K through 3rd grade students.
- HSC 4554 Survey of Human Diseases (3) PH CFH**
PR: Fund. of Biology with Lab or CI. An overview of the nature, types, and mechanisms of diseases of the major body systems.
- HSC 4933 Special Topics in Public Health (1-6) PH PHC**
PR: CI. Content will be governed by student demand and instructor interest.
- HUM 1020 The Arts FA (3) AS HUM**
Analysis of selected works of literature, music, film, and visual art, representing artists of diverse periods, cultures, genders, and races. Especially recommended for students who later take 4000-level Humanities courses.
- HUM 2211 Studies in Culture: The Classical Through Medieval Periods HP (3) AS HUM**
A survey of literature and the arts of ancient Greece, Rome, and medieval Europe. Issues to be examined may include the dialogue between local traditions and cosmopolitan cultures, the relationship of the individual to society, and the bases for moral values.
- HUM 2243 Studies in Culture: The Renaissance Through the Twentieth Century HP (3) AS HUM**
A historical survey of the visual arts, literature, music and thought of Europe from the Renaissance through the Twentieth century. Issues to be examined may include the relationship between science and the arts and the consequences of the growing contacts among world civilizations and the impact of technological change.
- HUM 2930 Selected Topics (1-4) AS HUM**
An introductory course dealing with a recurrent theme in the arts or focusing on a particular artistic center (a nation or city at a particular time).
- HUM 3231 The Renaissance (3) AS HUM**
An examination of the arts of the Renaissance, focusing on primary texts and images. Themes include humanism, the revival

354 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

of antiquity, the concept of the individual, the Reformation and Counter-Reformation, and the impact of New World explorations.

HUM 3237 The Seventeenth Century (3) AS HUM

An examination of the development of the art and culture of the Baroque Period, roughly the 17th Century, focusing on primary texts and images. Themes will include mysticism, sensuality, rationalism, science, absolutism, and liberty.

HUM 3240 The Early Middle Ages (3) AS HUM

This course examines the diverse cultures of Europe from the fourth to eleventh centuries. Major issues include the formation of religious cultures, modes of cultural contact, relationships between texts and images, and uses of earlier traditions.

HUM 3241 Central Medieval and Gothic Europe (3) AS HUM

By studying texts and artefacts, this course examines the diverse cultures of Europe from the eleventh to fourteenth centuries. A central issue covered will be the efforts of the church to create an all-encompassing Christian culture.

HUM 3242 The Enlightenment (3) AS HUM

By studying late seventeenth and eighteenth century literature, music, visual art, and philosophy, this course examines phenomena such as rationalism, classification systems, the influence of science, utilitarianism, reform, and secularism.

HUM 3244 Nineteenth-Century Arts and Letters (3) AS HUM

By studying 19th century literature, music, and visual art, this course examines phenomena such as the rise of capitalism, colonial expansion, nationalism, urbanism, and the redefinition of public and political life during this period of extreme change.

HUM 3251 Studies in Culture: The Twentieth Century HP (3) AS HUM

PR: HUM 2211 or HUM 2243. Analyses of selected works of twentieth century art, including films, paintings, music, and literature, in the context of major political, social, and economic events, such as war, depression, totalitarianism, and technological change.

HUM 3271 Eastern and Western Culture from Antiquity to 1400 AF (3) AS HUM

A comparative treatment of music, visual arts, theatre, literature, and philosophy in the East and West, proceeding chronologically from Ancient times through the Middle Ages, emphasizing Europe and India.

HUM 3273 Eastern and Western Culture Since 1400 AF (3) AS HUM

A comparative treatment of music, visual arts, theatre, literature, and philosophy in the East and West, proceeding chronologically from the Renaissance through the present, emphasizing Europe, the United States, and India.

HUM 3331 Themes in Humanities (3) AS HUM

PR: HUM 2211 or HUM 2243. A course emphasizing the analysis of primary works in relation to cultural contexts, the integration of secondary sources, and the construction of a written argument. Not restricted to majors. Offered only in fall semester.

HUM 3457 Nineteenth Century American Culture (3) AS HUM

This course explores American art, literature, and cultural life from the early republic through the Gilded Age. Works are studied in their historical context in order to understand how they transmitted important information about American identity.

HUM 3458 Twentieth-Century American Culture (3) AS HUM

A historical survey of American culture since 1900. Literature, music, visual art, film, and intellectual movements are analyzed, to understand how they have reflected and shaped cultural values and responded to changing conditions of American society.

HUM 3463 Latin American Civilization I: Pre-Columbian & Colonial (3) AS HUM

An overview of Pre-Columbian and Colonial Latin American Culture through 1700. Topics include literature, music, and art; ethnic diversity; political and religious tension; "high" versus "low" culture; and the clash of European and American cultures.

HUM 3466 Latin American Civilization II: Modern Latin America (3) AS HUM

An overview of the cultural heritage of Latin America since the time of independence. Verbal and visual texts will be used to study the difficult struggle to create a cultural identity that incorporates African, indigenous, and European traditions.

HUM 3930 Selected Topics in Humanities (1-4) AS HUM

PR: HUM 2211 or HUM 2243. Courses offered under this number will always be interdisciplinary, treating more than one art media and relating them historically or in some other way. The interdisciplinary emphasis on literature and the arts, placing them in some larger context of culture or ideas, distinguished HUM courses from related courses offered in other departments of

the university. Topics will vary; course may be repeated for credit with change of content.

HUM 4402 Humanities in India (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. Examples from the arts and letters of India and the relationship of these arts to the Hindu and Buddhist philosophy-religions.

HUM 4404 Humanities in China (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. Examples from the arts and letters of China; their relationship to Taoism, Confucianism and other Chinese philosophies; Western influences on twentieth century Chinese arts and letters.

HUM 4406 Humanities in Japan (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. Examples from the arts and letters of Japan, their relationship to Zen Buddhism and other Japanese philosophy-religions; Western influences on twentieth century Japanese arts and letters.

HUM 4433 Ancient Greek Culture (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. A study of the poetry, drama, philosophy, historical writing, painting, sculpture and architecture of ancient Greece, including such authors as Homer, Sophocles, and Plato, and monuments such as the Parthenon.

HUM 4435 Early Medieval Culture (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. A study of the culture of Europe and the Mediterranean world from the 4th to 11th centuries through the readings of early Medieval historians, poets, and theologians, as well as the study of illuminated manuscripts, mosaics, painting and architecture.

HUM 4437 Italian Renaissance Culture (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. A study of the painting, literature, music, sculpture and architecture of early modern Italy (1300-1600), emphasizing humanism, the revival of antiquity, the tension between sacred and secular, and artists such as Michelangelo, Titian, Raphael.

HUM 4438 Northern Renaissance Culture (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. A study of the Northern Renaissance, 1400-1580, as exemplified in Germany, France, the Netherlands, England, and Spain. The course includes painting, architecture, literature and music, with special study of Durer, Van Eyck, El Greco, and Bosch.

HUM 4440 Arts and Letters in the 17th and 18th Centuries (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. A study of the visual arts, literature and music from the mysticism and ornament of the Baroque to the rationalism and classicism of the Enlightenment, including such artists, authors and composers as Rembrandt, Gentileschi, Voltaire, Bach, and Mozart.

HUM 4442 Arts and Letters of the Romantic Period (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. Continental masterworks of fiction, painting, and music in the context of European cultural history from the French Revolution to the Revolutions of 1848.

HUM 4444 Nineteenth Century European Arts and Letters (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. A study of continental literary, musical, and artistic masterworks from the Revolutions of 1848 until the outbreak of World War I.

HUM 4445 Twentieth Century Arts and Letters I (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. Analysis of selected works of twentieth century art. The course will focus on a particular phase in the development of modernism, a set of themes, or certain stylistic aspects of various arts of the twentieth century.

HUM 4446 Twentieth Century Arts and Letters II (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. Analysis of selected works of twentieth century art. The course will focus on a particular phase in the development of modernism, a set of themes, or certain stylistic aspects of various arts of the twentieth century.

HUM 4452 Nineteenth Century American Culture (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. Study of selected works of art, tracing the course of American expansionism in civilization, and the interaction between the arts and the sciences in American ways of life and work, 1790-1890.

HUM 4455 Twentieth Century American Culture (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. Study of selected works, tracing the course of expansion in the production and enjoyment of works of art, and interaction between the idealistic and pragmatic concerns for development of the arts in the 20th century.

HUM 4462 Pre-Columbian and Colonial Latin American Culture (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. Analysis of selected Latin American works of art in their cultural context, with emphasis on the Pre-Columbian and Colonial periods. The course will focus on a particular historical, geographical, or thematic topic within those periods.

HUM 4464 Modern Latin American Culture (4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. Analysis of selected Latin American works of art in their cultural context, with emphasis on the period since the time of independence. The course will focus on a particular historical, geographical, or thematic topic within that period.

HUM 4905 Directed Study (1-4) AS HUM

PR: CI. Specialized individual study determined by the student's needs and interests

HUM 4930 Selected Topics in Humanities (1-4) AS HUM

PR: Junior standing and HUM 2211 or HUM 2243, or CI. This course will deal with a recurrent theme in the arts as, for example, love or death, or will focus on artistic centers such as Renaissance Florence or Paris in the 1920s. Topics will vary.

HUM 4931 Seminar in Humanities 6A (4) AS HUM

PR: HUM 3331 or CI. Seminar focuses on the writing of a substantial research paper in the humanities. Topic varies.

HUM 4938 Major Issues in the Humanities MW (3) AS HUM

The study of an important topical issue in the Humanities. Materials representing diverse views relating to that issue will be read, and works of art in different media that have relevance to the debate will be studied. Available to majors and non-majors.

HUM 4940 Internship in Humanities (1-2) AS HUM

A structured, out-of-class learning experience providing firsthand, practical training in Humanities-related professional careers in the community. Restricted to Humanities majors. Repeatable up to 4 credit hours.

HUN 2201 Nutrition (3) NU NUR

PR: Course work in chemistry and biology or permission of faculty. Open to majors and non-majors. The study of fundamental principles of normal nutrition as they relate to human life and growth from conception through senescence, interpretation of current nutrition information, and application of nutrition knowledge in the establishment of good eating habits

HUN 4444 Clinical Nutrition (3) NU NUR

PR: HUN 2201 or equivalent. Focuses on the role nutrition has in causing and preventing disease processes.

IDH 2009 Discovery: People, Processes and Problems (3) HC HON

PR: Admission to Honors College. An appreciation of the research process in multiple disciplines culminating in the production of a collaboratively developed research proposal.

IDH 2010 Acquisition of Knowledge (3) HC HON

PR: Admission to Honors College. An appreciation of the problems of how human understanding proceeds through operations such as perception, classification, and inference, among others, as well as the open philosophical questions behind these operations.

IDH 2930 Selected Topics (1-4) HC HON

PR: IDH 2010 or CI. This course is designed to emphasize a selected problem or issue that is meaningful and challenging to University Honors students and special populations. A variety of instructional approaches will be used. Topics will vary each semester. Repeatable for a total of 8 credits.

IDH 3100 Arts/Humanities Honors (1-3) HC HON

PR: IDH 2010. An introduction to western arts and letters from the perspectives of three periods (classicism, romanticism, and modernism), the relationship of ideas to art, the similarities among the arts of a given period, and important differences between periods.

IDH 3350 Natural Sciences Honors (3) HC HON

PR: IDH 2010. An exploration of current knowledge concerning fundamental principles in the Sciences, their potential for application and attendant ethical and philosophical questions.

IDH 3400 Social and Behavioral Sciences Honors (3) HC HON

PR: IDH 2010. Introduction to the concerns of the Social and Behavioral Sciences, methods of inquiry, discovery, and validation of knowledge. A survey of the way various disciplines examine the question of how society is organized.

IDH 3600 Seminar in Applied Ethics (3) HC HON

PR: IDH 2010. This course explores ethical issues related to selected topics such as Ethics of Technology, Ethics in Business, Bio-Medical Ethics, Personal Ethics Development.

IDH 4000 Honors Program Seminar: Major Works/Majors Issues (4) HC HON

PR: IDH 2010. This course explores major works and major issues in a variety of disciplines. Each section will be devoted to content in a different academic area.

IDH 4200 Geographical Perspectives Honors (3) HC HON

PR: IDH 2010. An introduction to African, Latin American, Middle Eastern, or Asian perspectives focusing on social, political and economic, artistic, cultural and intellectual subject matter. The material will be presented within a geographical, chronological, and humanities background.

IDH 4910 Undergraduate Research (1-4) HC HON

PR: DPR. A supervised program of interdisciplinary research in areas of specific interest. Open to all USF students by application through the undergraduate research coordinator.

IDH 4930 Selected Topics (1-4) HC HON

PR: IDH 2010 or CI. This course is designed to emphasize a selected problem or issue that is meaningful and challenging to University Honors students and special populations. A variety of instructional approaches will be used. Topics will vary each semester. Repeatable for a total of 8 credits.

IDH 4950 Honors Program Project (3) HC HON

Enrollment is limited to St. Petersburg Honors students who have completed at least one Honors Seminar. Senior Honors Program project consisting of an original creative work in literary, visual or performing arts, or in a community-oriented endeavor of substance and originality.

IDH 4970 Honors Thesis (3) HC HON

PR: Senior Honors Standing. The development and public presentation of a senior thesis under the direction of a mentor. Course is taken for 2 semesters.

IDS 2664 Social Science Perspectives I SS (3) AS IAS

Provides an overview of the evolution and global expansion of Western Civilization. Examines global problems of economic growth and development; geopolitical relations among nations and states, food supply and hunger, and environmental change.

IDS 2665 Social Science Perspectives II SS (3) AS IAS

Approaches the study of human behavior and society using the lens of various institutions. The course addresses issues of social stratification, economics, education, religion and social status. The course is not restricted to any major, has no lab section, and is not cross-listed.

IDS 2666 Historical Perspectives I HP (3) AS IAS

Approaches the study of human history through a series of specific case-studies that focus on historical processes. The primary focus of the course is to understand the variety of ways that the past has been brought into and understood in the present, rather than a comprehensive survey of a limited time or place.

IDS 2667 Historical Perspectives II HP (3) AS IAS

Approaches the study of human history through a series of specific exercises that focus on what historians do: produce histories. The primary focus of the course is to understand the variety of ways that the past can be emplotted in histories, rather than a comprehensive survey of a limited time or place. With this understanding, students will produce several of their own histories.

IDS 2931 Selected Topics HP (2-5) AS IAS

Selected topics in the liberal arts. A basic introduction to the substance and theory of contemporary topics in the arts and sciences.

IDS 2932 Selected Topics HP (3) AS IAS

Selected topics in the liberal arts and sciences.

IDS 2933 Selected Topics III SS (3) AS IAS

Selected topics in the Liberal Arts. A basic introduction to the substance and theory of contemporary topics in the arts and sciences.

IDS 2934 Selected Topics IV SS (3) AS IAS

Selected topics in the Liberal Arts. A basic introduction to the substance and theory of contemporary topics in the arts and sciences.

IDS 3115 Values and Choices 6A MW (3) ED EDF

An in-depth examination of values and their relationship to choices in contemporary society using historical perspective and inquiry of moral/ethical dilemmas. Available to majors or non-majors.

IDS 3186 Scientific and Ethical Dimensions of Human Disease MW (3) AS IAS

PR: DPR. An interdisciplinary perspective of the biological basis of human disease combined with critical thinking and medical ethics. Basic concepts of human disease are integrated with bioethical dimensions of patient choice, physician responsibility and current health care issues.

IDS 3662 Arts Connections FA (3) VP FAI

This is an interdisciplinary course to the arts disciplines of music, dance, theatre, and art. Artists from the four disciplines will provide weekly presentations centered around issues and ideas that have formed the basis of their creative research. Influences

356 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

of diversity, new technologies and community and public arts will be explored. This course will introduce students to the role the arts play in shaping their perceptions of the world as well as reflecting the underlying values and paradigms that form our culture(s).

IDS 3663 Critical Issues Affecting the Arts MW (3) VP FAI

PR: Junior standing or CI. A discussion-based examination of cultural trends, educational policies, governmental regulations, and financial factors which impact Art, Dance, Music, and Theatre.

IDS 3668 Images of Contemporary Urban Culture 6A LW (3) AS IAS

Offers multiple perspectives on the vision, theories, and practices of contemporary urban culture through the use of various literary genres. Examines the cultural realities of contemporary urban life, such as social stratification, discontinuity, anonymity and poverty; as well as its many potentials such as creative energy, diversity, and relational networks. Must have enough credit hours required for exit course admittance.

IDS 3949 Cooperative Education, Parallel (0-2) US COE

PR: 45+ semester hours completed, cumulative GPA 2.5+, have a declared major and be accepted in Cooperative Education Program. Part-time (10-25 hrs/wk) paid or for credit, career-related work experience. This course may be repeated up to 6 credit hours. Prerequisite: 45+ hours of credit, GPA 2.5+, a declared major and be accepted in Cooperative Education Program. S/U Only.

IDS 4910 Community Research (1-4) AS CEL

PR: CEL Program approval. Repeatable up to 8 credit hours. To provide students with a community related research experience.

IDS 4942 Community Internship (1-4) AS CEL

PR: CEL Program approval. Repeatable up to 8 credit hours. To provide students with a community internship experience.

IDS 4949 Cooperative Education, Alternating (0-3) US COE

PR: 45+ semester hours completed, cumulative GPA 2.5+, have a declared major and be accepted in Cooperative Education Program. Full-time (40 hrs/wk) paid or for credit, career-related work experience. This course may be repeated up to 6 credit hours. Prerequisite: 45+ hours of credit, GPA 2.5+, a declared major and be accepted in Cooperative Education Program.

IDS 4955 International Community Research (1-2) AS CEL

PR: CEL Program approval. Repeatable up to 8 credit hours. To provide students with an international community research experience.

IDS 4956 International Community Internship (1-4) AS CEL

PR: CEL Program approval. To provide students with an international community internship experience. Repeatable up to 8 credits.

INP 2101 Applied Psychology SS (3) AS PSY

The application of psychological principles and the functions of psychologist in education, government, industry, and clinical practice.

INP 4004 Industrial Psychology (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. Applications of psychological principles to industry. Topics include: selection, training, motivation, job satisfaction, supervision, decision-making.

INR 1015 World Perspective SS AF (3) AS INT

An interdisciplinary study of the international system, major world regions and problems.

INR 2002 Introduction to International Relations (3) AS POL

Concepts and analytical tools applied to events such as politics among nations, control of foreign policies, types of actors, war and peace.

INR 3003 Introduction to International Studies (3) AS INT

An interdisciplinary study which stresses methods and analysis. A major portion will focus on the roles which different disciplines play in interpreting the international scene.

INR 3018 World Ideologies MW (3) AS INT

A course which details and examines the ideologies of today's independent countries; analyzing them in their political, social, cultural and historical context.

INR 3033 International Political Cultures MW (3) AS INT

This course will explore ways in which culture influences the nature of government, economic success or failure, and constructive and destructive modes of self and social identification.

INR 3038 International Wealth and Power SS (3) AS INT

Introduction to the relationship between politics and economics, emphasizing the analysis of government policies in response to both domestic and international economic problems.

INR 3081 International Issues and Actors (3) AS INT

Departmental approval required. For majors and minors in INT only. An examination of the most important issues in international affairs. The course analyzes the behavior of major foreign policy actors in the international arena, including nation states, non-governmental and international organizations.

INR 3084 International Terrorism SS AF (3) AS INT

A study of contemporary international terrorism and its causes, ranging from national liberation movements to networks of philosophical anarchists.

INR 3102 American Foreign Policy (3) AS POL

Analysis of the development and scope of United States foreign policy, emphasizing goals and objectives, policy formulation and implementation, themes and issues.

INR 3141 Global Security Policy (3) AS INT

A study of security issues, regional and global (such as proliferation, arms control, arms transfer) as they relate to contemporary international politics.

INR 3202 International Human Rights MW (3) AS INT

This course explores the evolution of international rights from the Greeks to the present. It examines human rights issues in major regions of the world.

INR 3336 Intelligence and U.S. Foreign Policy (3) AS INT

An examination of the role of intelligence and the intelligence community in U.S. foreign policy, with emphasis on the period since World War II.

INR 3955 Overseas Study (1-6) AS INT

A program of individual or group research in a foreign country.

INR 4035 International Political Economy (3) AS POL

Analysis of the development and politics of the international economic system, focusing on questions of cooperation and conflict in trade, aid, and investment relationships.

INR 4083 Conflict In The World MW (3) AS INT

PR: Junior/Senior standing. An interdisciplinary course examining theories of conflict, conflict resolution processes and strategies, theories and peacemaking strategies, and the concept of Early Warning Systems related to the outburst of conflict.

INR 4254 Africa in World Affairs MW (3) AS INT

An examination of Africa's place and role in world affairs, including an analysis of the impact of external forces, international relations in post-colonial Africa, the relations of African states with the major world powers, the U.N. and its agencies.

INR 4403 International Law SS (3) AS POL

Examines essential components of the international legal system; recognition; succession; sea, air and space law, treaties, diplomats, International Court of Justice; laws of war, etc. Introduces the student to legal reasoning as employed in the international context.

INR 4502 International Organizations SS AF (3) AS POL

Study of the operations and structure of international organizations and effects on world politics; background and achievement of the UN; regional organizations and multi-national corporations.

INR 4900 Directed Readings (1-3) AS INT

PR: CI. A supervised program of intensive reading of interdisciplinary materials in areas of specific interest.

INR 4910 Directed Research (1-3) AS INT

PR: CI. A supervised program of interdisciplinary research in areas of specific interest.

INR 4931 Selected Topics (1-4) AS INT

Interdisciplinary studies with course content dependent on student demand and instructor's interest.

INR 4936 Senior Seminar MW (3) AS INT

PR: International Studies major and senior standing. A variable topics seminar integrating concepts and analyses relating to the academic background of INT majors. Should be taken in the student's final semester.

INR 4943 Internship in International Studies (3-6) AS INT

PR: Senior status. S/U only. For majors only. The purpose of the course is to promote the student's understanding of global international issues within a local and practical context.

INR 5012 Globalization (3) AS INT

Examination of globalization's impact on international relations, including literature from political science, anthropology, geography, sociology, and economics that impacts the study of the nation-state system and power. Open to majors and non-majors.

INR 5086 Issues in International Relations (3) AS POL

Sr./GS. Explores specific topics and provides the student with an opportunity for in-depth study of historical and contemporary problems in international politics.

ISC 1004 Integrated Natural Sciences I: Science that Matters NS (3) AS IDS

Discussion of integrative concepts in biology, chemistry, geology, and physics based on major knowledge strands of the Florida and Natural Science Education Standards. This course deals with current topics relevant to students, is inquiry based, and emphasizes development of higher order (critical thinking) skills through active learning strategies.

ISC 1005 Integrated Natural Sciences II: Science that Matters NS (3) AS IDS

Discussion of integrative concepts in biology, chemistry, geology, and physics based on major knowledge strands of the Florida and Natural Science Education Standards. This course deals with current topics relevant to students, is inquiry based, and emphasizes development of higher order (critical thinking) skills through active learning strategies.

ISM 3011 Information Systems in Organizations (3) BA QMB

PR: CGS 2100 or equivalent. An introduction to the language, concepts, structures and processes involved in the management of information systems including fundamentals of computer-based technology and the use of business-based software for support of managerial decisions.

ISM 3113 Systems Analysis and Design (3) BA QMB

PR: ISM 3011 CP: ISM 3232, with a grade of "C" or better (not C-). Study of the techniques and procedures used in assessing information requirements, analyzing information flows and processing activities, and designing computer-based business systems.

ISM 3232 Business Application Development (3) BA QMB

PR: ISM 3011 with a grade of "C" or better (not C-). Presentation of business application development using a modern programming language. Topics include data structures, indexing, file processing, and user interfaces. Good program design techniques are emphasized. Business applications are developed.

ISM 3431 Management Science Production/Operations Management Applications (3) BA QMB

PR: MAC 2233 or MAC 2241. Fundamentals of production operations management (POM) and fundamentals of management science (MS). The application of MS models in the solution of POM problems.

ISM 4133 Advanced Systems Analysis and Design (3) BA QMB

PR: ISM 3232, ISM 3113, ISM 4212, with grades of "C" or better (not C-). This course builds previous class and/or work experience in systems development, with particular emphasis on the use of an integrated CASE tool on a team project. Students will gain an understanding of systems development problems and approaches using a variety of methods, such as, lectures, discussion, team presentations, guest speakers, demonstrations and computer use.

ISM 4141 Web Application Development/Java (3) BA QMB

PR: ISM 3232 with a grade of "C" or better (not C-). Java will be used to introduce object oriented concepts. Programming assignments cover a variety of application features including graphical user interface, database connectivity, multithreading, & client-server computing using Java and Java Server Pages.

ISM 4212 Database Design and Administration (3) BA QMB

PR: ISM 3113, ISM 3232, with grades of "C" or better (not C-). Principles of database design/management for mainframe, micro, and client/server environments; including data modeling, physical vs. logical representation and back-up and recovery management.

ISM 4213 Advanced Database Administration (3) BA QMB

PR: ISM 3113, ISM 4212, with grades of "C" or better (not C-). Essential concepts of database administration in a business environment are covered in order to prepare students to understand and deal with database administration issues and concepts. Students gain hands-on experience by administering a database environment and completing assignments that involve resource management, data administration, security, backup, recovery and database tuning issues.

ISM 4220 Business Data Communications (3) BA QMB

PR: ISM 3113 with a grade of "C" or better (not C-). Fundamentals of data communication, including network architectures, communication protocols, transmission standards and media access control methods.

ISM 4233 Information System Interface Design (3) BA QMB

PR: ISM 3232 with a grade of "C" or better (not C-). The fundamental concepts of human perception and cognition are studied in order to develop effective human-computer interfaces. Various types of interfaces are examined. Students will develop human-computer interfaces via state-of-the-art development languages and systems.

ISM 4234 Object-Oriented Design and Development (3) BA QMB

PR: ISM 3232 with a grade of "C" or better (not C-). This course presents an object-oriented approach to software development of business information systems. Students will learn to create object models of the business world and to develop information system designs based on these objects. The designs will be implemented by the use of the C++ or other OO programming languages.

ISM 4240 Distributed Operating Systems (3) BA QMB

PR: ISM 3232 with a grade of "C" or better (not C-). Introduction to distributed operating systems fundamentals such as distributed systems architecture, file structures, client-server, open systems, resource allocation, and basic tools for manipulating these operating environments.

ISM 4290 Senior Seminar in Information Systems (3) BA QMB

PR: ISM 3113, ISM 4212, with grades of "C" or better (not C-). A seminar covering advanced topics in systems management, analysis and design. Applications of these procedures to actual or hypothetical cases.

ISM 4300 Managing Information Resources (3) BA QMB

PR: ISM 3113, ISM 4212, ISM 4220, with grades of "C" or better (not C-). Current issues in information systems management focusing on organizational policies, procedures and standards for managing distributed computing resources.

ISM 4382 Global Information Systems (3) BA QMB

PR: ISM 3011 with a grade of "C" or better (not C-). Role of information technology in global business organizations and challenges in building information systems to enable global operations.

ISM 4400 Decision Support Systems (3) BA QMB

PR: QMB 3200, ISM 3011, with a grade of "C" or better (not C-). Study of quantitative analysis tools and their use in organizational decision making. Emphasis on a structured approach to making common business decisions, demonstrating several forms of mathematical modeling and other management science techniques.

ISM 4480 Electronic Commerce Systems (3) BA QMB

PR: ISM 3011 with a grade of "C" or better (not C-), MIS major or CC. This course is designed to familiarize students with the opportunities and challenges associated with electronic commerce, to explore the underlying technologies used in implementing electronic commerce systems, and to develop the practical skills needed to design and develop effective Web pages.

ISM 4905 Independent Study (1-6) BA QMB

S/U only. Independent study as directed by designated faculty.

ISM 4930 Selected Topics in MIS (1-3) BA QMB

Selected topics in MIS.

ISM 4950 Independent Research (1-6) BA QMB

PR: CI. Individual study contract with instructor and department chairperson required. The research project will be mutually determined by the student and instructor.

ISS 1101 Knowledge and Society SS (3) AS ISS

Course introduces students to issues concerning the relationship between knowledge and society. Among the issues addressed are competing accounts of knowledge and the relationship between knowledge and other forms of human experience and different aspects of social life such as religion, morality, aesthetics, politics, and gender.

ISS 1102 Self and Society SS (3) AS ISS

CO: ISS 1103. Course introduces students to issues concerning the relationship between the self (or individual) and society. Among the topics that may be addressed are the idea of human nature, how human nature is shaped by social and cultural factors; the moral obligations between individuals and society; and how our understanding of the self is shaped by gender and culture.

ISS 1103 Nature and Culture SS (3) AS ISS

This course examines competing ideas and theories concerning the relationship between nature and culture. Among the issues and questions examined are the relationship between nature and our awareness of it; to what extent is nature transformable; should "nature" dictate the shape of social institutions; how does technology affect our society and environment.

ISS 3010 Introduction to the Social Sciences (3) AS ISS

Integrates the range of social science fields into a global interdisciplinary perspective. Views social institutions and issues from perspectives of changing paradigms.

ISS 3930 Selected Topics in the Social Sciences (1-4) AS ISS

Interdisciplinary studies of varying topics, with course content dependent on student demand and instructor's interest.

ISS 4151 Native American Women (3) AS ISS

358 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

- An interdisciplinary examination of lives of Native American Women, past and present. Topics include history, education, politics, family, etc.
- ISS 4900 Directed Readings (1-3) AS ISS**
PR: CI. A supervised program of intensive reading of interdisciplinary materials in areas of specific interest.
- ISS 4910 Directed Research (1-3) AS ISS**
PR: CI. A supervised program of interdisciplinary research in areas of specific interest.
- ISS 4935 Seminar in the Social Sciences MW (3) AS ISS**
PR: Senior standing and ISS 3010 or CI. The seminar which caps the interdisciplinary major. Weds personal curiosity with the application of theoretical models to research on salient social issues.
- ISS 5934 Selected Topics (1-3) AS AFA**
PR: CI plus senior standing or graduate status. Interdisciplinary studies with course content dependent on student demand and instructor's interest.
- ITA 1120 Beginning Italian I (4) AS WLE**
CR: ITA 1120L. The first course in the study of elementary Italian. Emphasis is on the development of basic skills in comprehension, speaking, and reading.
- ITA 1120L Beginning Italian Laboratory (1) AS WLE**
CR: ITA 1120. A laboratory designed to offer additional practice using various instructional technologies and media.
- ITA 1121 Beginning Italian II (4) AS WLE**
CR: ITA 1121L. The second course in the study of elementary Italian. Emphasis is on the development of basic skills in comprehension, speaking and reading.
- ITA 1121L Beginning Italian II Laboratory (1) AS WLE**
CR: ITA 1121. S/U only. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. A laboratory designed to offer additional practice using various instructional technologies and media.
- ITA 2200 Intermediate Italian I (3) AS WLE**
PR: ITA 1121 or equivalent. Readings in Italian on the elementary level. A review of the basic structure of spoken and written Italian.
- ITA 2240 Italian Conversation I (4) AS WLE**
To develop fluency and correctness in spoken Italian. Intensive study for conversational skill based particularly upon the current Italian idiom. Syntax is intensified and the vocabulary and idiomatic expressions expanded.
- ITA 2241 Italian Conversation II (4) AS WLE**
To assist students who have already made a start in speaking Italian, who have not had the advantages of travel or who have non-Italian speaking parents, to improve their skill in speaking Italian. Current events; literary discussions; free conversation; prepared speeches. Differences of media, syntactical signal.
- ITA 3420 Composition (3) AS WLE**
A fundamental composition course for students who have completed ITA 2200.
- ITA 3470 Overseas Study (1-6) AS WLE**
Prior approval and early registration required. An intensive study-travel project in Italy.
- ITW 4100 Survey of Italian Literature I (4) AS WLE**
A survey of Italian literature from the earliest monuments through the classicism of the 18th century.
- ITW 4101 Survey of Italian Literature II (4) AS WLE**
A survey of Italian literature beginning with the Classicism of the 18th century and continuing to present.
- ITW 4905 Directed Study (1-3) AS WLE**
Departmental approval required. Selected topics in Italian literature.
- JOU 2100 Beginning Reporting (3) AS COM**
PR: MMC 2100 and MMC 3602. Basic instruction in news judgment, sources of news, newsgathering, and news writing techniques for various media. Typing ability is required.
- JOU 3101 Advanced Reporting (3) AS COM**
PR: JOU 2100 or RTV 3301 (RTV majors only), JOU 4200 (may be taken concurrently), PHI 1103 and POS 2041. Reporting and writing the more complex and specialized story. Techniques of investigative and analytical reporting, including ethical and legal considerations.
- JOU 3306 Critical Writing: Editorials, Reviews, Columns (3) AS COM**
PR: JOU 3101 and JOU 4200. Interpretive and opinion writing for the mass media. Analysis and discussion of current events as a basis for critical thinking and editorial writing. Evaluation of editorial pages of leading newspapers. Study of journalistic techniques involved in writing reviews and personal columns.
- JOU 3308 Magazine Article and Feature Writing (3) AS COM**
PR: CRW 2100 and JOU 2100. Planning, researching, writing, and marketing articles for general and special interest magazines and newspaper supplements. Experiences in developing article ideas and analysis of magazine articles.
- JOU 3940 Reporting Practicum (1) AS COM**
PR: JOU 3101 and CI. For journalism sequence majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.
- JOU 4181 Public Affairs Reporting (3) AS COM**
PR: JOU 3101 or RTV 3301 (RTV majors only), POS 2041 and POS 2112 or POS 3142. Covering city council meetings, courthouse, city hall, courts, society, and other special assignments. Emphasis is on coverage of major governmental units of all levels of government, including examination and interpretation of public documents and records.
- JOU 4200 News Editing I (3) AS COM**
PR: ECO 1000, JOU 2100, and SYG 2010. Evaluating news and its display. Editing and rewriting copy for the mass media including new media, with emphasis on the daily newspaper. News judgment, headlines and makeup. Ethical problems. Introduction to theories of design and graphics.
- JOU 4206 Newspaper and News Publication Design (3) AS COM**
PR: JOU 4200 or CI. Theoretical and practical applications of newspaper and news publication design, including typography, graphics, graphics software and electronic picture editing. Exercises in design for newspapers and news publications in both print and electronic formats.
- JOU 4212 Magazine Design and Production (3) AS COM**
PR: JOU 4200. Theoretical and practical application of design principles for magazines. Design software. Study of visual design, page architecture, typography, color and illustrations. Integration of design elements in the design of magazine covers. Design elements specific to magazine and production preparation.
- JOU 4941 Editing Practicum (1) AS COM**
PR: Senior standing, JOU 4200 and CI. For journalism sequence majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.
- JOU 4944 Magazine Practicum (1) AS COM**
PR: Senior standing and CI. For journalism sequence majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.
- JOU 5105 Newswriting and Editing (3) AS COM**
PR: GS in Mass Communications or CI. Introduction to the basics of gathering, writing, and editing the news, with an emphasis on practical assignments done under professional conditions and standards. Discussions, readings emphasize the larger context and implications of news.
- JOU 5305 Explorations in Newswriting (3) AS COM**
PR: CC. Students work to develop writing styles, reporting on and creating stories about significant issues, events, and ideas. The course explores the notion that narrative-style journalism can be accurate, thorough, fair, and compelling, effectively bringing readers into stories and giving them a bigger stake in the news. The focus is on-going beyond traditional practices of reporting and writing news stories.
- JPN 1120 Modern Japanese I (4) AS WLE**
CR: JPN 1120L. An intensive study of basic skills: pronunciation, listening comprehension, speaking, and some composition.
- JPN 1120L Modern Japanese I Laboratory (1) AS WLE**
CR: JPN 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.
- JPN 1121 Modern Japanese II (4) AS WLE**
PR: JPN 1120 or equivalent. CR: JPN 1121L. A continuation of JPN 1120. More sophisticated oral/aural skills are attained. Basic reading skills are acquired.
- JPN 1121L Modern Japanese II Laboratory (1) AS WLE**
CR: JPN 1121. S/U only. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. A laboratory designed to offer additional practice using various instructional technologies and media.
- JPN 2200 Modern Japanese III (3) AS WLE**
PR: JPN 1121 or equivalent. Continuing study to attain basic proficiency in Japanese.
- JPN 2201 Modern Japanese IV (3) AS WLE**

- PR: JPN 2200 or equivalent. Continuation of JPN 2200.
- JPN 4905 Directed Study (1-5) AS WLE**
Departmental approval required. S/U only. Permits study options in Japanese not available in regularly scheduled curriculum at departmental discretion.
- JPN 4930 Selected Topics (1-5) AS WLE**
Departmental approval required. Course permits study options in Japanese not available in the regularly scheduled curriculum at departmental discretion.
- LAE 4314 Teaching Writing in the Elementary School, Grades K-6 (3) EDEDE**
PR: Elementary Education majors or CL. The purpose of this course is for students to understand children's writing development and to design and implement instructional strategies for teaching composition in an integrated Language Arts curriculum.
- LAE 4323 Methods of Teaching English: Middle School (3) ED EDT**
Must be taken one or two semesters prior to internship. Recommended to be taken with LAE 4464. Whole language methods of integrating reading, writing, speaking, listening, viewing, and critical thinking activities into a literature-based program for middle school students.
- LAE 4335 Methods of Teaching English: High School (3) ED EDT**
PR: LAE 4464. Must be taken one semester prior to internship concurrently with LAE 4530. Whole language methods of integrating reading, writing, speaking, listening, viewing, and critical thinking activities into a literature-based program for high school students.
- LAE 4414 Teaching Literature in the Elementary School, Grades K-6 6A LW (3) ED EDE**
Jr./Sr. Standing The purpose of this course is for students to survey and analyze the genres of children's literature and to develop instructional strategies to use literature in literacy learning across the curriculum.
- LAE 4416 Teaching Literature and Writing in the Elementary Grades 6A LW (3) ED EDE**
PR: Elementary Education major. This course is designed to provide students with the skills necessary to implement a coordinated literature program and an integrated writing curriculum. Not repeatable for credit.
- LAE 4464 Adolescent Literature for Middle and Secondary Students 6A LW (3) ED EDT**
PR: English Education majors or CL. Recommended to be taken with LAE 4323 two semesters prior to internship. A study of the types of literature read by adolescents with an emphasis upon the criteria for the choice of good books and knowledge of available books and teaching materials.
- LAE 4469 Teaching World Literature to Middle and Secondary Students MW (3) ED EDT**
World literature encompasses more than Western European literature. This course is designed to emphasize, but is not limited to, the study of Eastern literature. This course fulfills the world literature course requirement for teacher certification in English.
- LAE 4530 Methods of Teaching English: Practicum (3) ED EDT**
PR: Senior standing or enrollment in Plan II Master's Program. CR: LAE 4323 or LAE 4335. Taken one semester, spring or fall, prior to internship.
- LAE 4936 Senior Seminar in English Education (2) ED EDT**
PR: Senior standing. Required concurrently with internship. Synthesis of teacher candidate's courses in complete college program.
- LAE 4940 Internship: English Education (1-12) ED EDT**
S/U only. One full semester of internship in a public or private school. Intern takes Senior Seminar in English Education concurrently. In special programs where the intern experience is distributed over two or more semesters, student will be registered for credit which accumulates from 9 to 12 semester hours.
- LAE 5462 Young Adult and World Literature for New Teachers (3) EDEDI**
PR: Teaching position w/either English degree or 30 hrs of Undergraduate English A study of the types of literature read by adolescents, including literature representative of other cultures, with emphasis upon the criteria for the choice of good books and knowledge of available books and teaching materials.
- LAE 5932 Selected Topics in the Teaching of English (3) ED EDT**
PR: Certification in English and/or Mass Communications and approval of graduate advisor. Investigation of topics which are of special interest to the student and are related to the teaching of English in the secondary school. Topics will be selected by the student in accordance with his particular goals and will be approved by the student's graduate advisor.
- LAH 2020 Latin American Civilization HP AF (3) AS HTY**
An introduction to selected issues, events, and people in Latin American history from 1492 to the present. Focus on Argentina, Brazil, Chile, Cuba, and Mexico. Intended for students in any discipline; no prerequisites. An entry-level course for Latin American studies.
- LAH 2734 Latin American History in Film HP AF (3) AS HTY**
Through the use of films and readings, the course introduces the broad sweep of Latin American history from the pre-Columbian period to today. Emphasis is placed on the social-cultural context to understand the peoples and events that have shaped Latin America.
- LAH 3130 Colonial Latin America (4) AS HTY**
A study of the Spanish and Portuguese Colonial empires in the New World from 1492-1830.
- LAH 3200 Modern Latin America (4) AS HTY**
A study of the emergence of the Latin American states. The course will examine developments in Latin America during the nineteenth and twentieth centuries. Special attention is given to the Third World character of the region.
- LAH 3430 History of Mexico (4) AS HTY**
Mexican history from pre-Columbian cultures to the twentieth century. Emphasis falls on the colonial political economy, social development, the wars of independence, development of the 19th century Mexican state and the Mexican revolution.
- LAH 3470 History of the Caribbean (4) AS HTY**
A thematic study of the circum-Caribbean from pre-Columbian cultures to the twentieth century, emphasizing the development of the Caribbean political economy with emphasis on monoculture, plantation society, and colonial/neo-colonial relationships.
- LAH 3480 History of Cuba (4) AS HTY**
Cuban history from pre-Columbian cultures to the Cuban Revolution. Emphasis on colonization, the sugar economy, the struggles for independence, the political economy of the Republic, and the 20th century revolutionary process.
- LAS 3002 Latin America (3) AS INT**
Area study courses are multi-disciplinary in nature and deal with one or more countries of a region. Each course combines some measure of political, economic, historical, religious, geographic, anthropological, and sociological analysis in dealing with salient features and current problems.
- LAS 3004 The Americas - Latin and Caribbean (3) AS INT**
This is a telecourse that is designed to introduce the complexities of Latin America and the Caribbean to students in the U.S. (Open University - televised course.)
- LAS 3116 Latin America Through Film AF (3) AS INT**
This course will use film, video, selected readings, and lectures to teach the interested student about Latin America.
- LAT 1120 Beginning Latin I (4) AS WLE**
An introductory course in Latin grammar with appropriate readings.
- LAT 1121 Beginning Latin II (4) AS WLE**
PR: LAT 1120 or equivalent. An introductory course in Latin grammar with appropriate readings.
- LAT 2200 Intermediate Latin (4) AS WLE**
PR: LAT 1121 or equivalent. Readings in Latin at an intermediate level.
- LAT 2201 Intermediate Latin II (4) AS WLE**
PR: LAT 2200 This class will introduce students to their first Latin author, and to the techniques and skills of intermediate work in Latin. It will also provide a comprehensive review of Latin Grammar. It is not restricted to majors, and not repeatable for credit.
- LIN 2000 Language and a Movie AF (2-3) AS WLE**
PR: Freshman and Sophomore Standing only. Offers initial exposure to foreign languages and cultures. Through lecture, demonstration, discussion, and the viewing of full-length feature films, students are introduced to a variety of prominent modern and ancient languages and cultures.
- LIN 3010 Introduction to Linguistics (3) AS WLE**
Introduction to the basic principles of linguistic science; phonological and grammatical analysis and description; language change and genetic relationships.
- LIN 3670 English Grammar and Usage (3) AS ENG**
A course in the basics of traditional English grammar designed as a complement to our composition and creative writing courses, as a review for those students who will take preprofessional exams, and as a basic course for students interested in improving their knowledge of English. Will not be counted toward the English major.

360 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

LIN 3801 Language and Meaning 6A (3) AS WLE

A survey introduction for non-specialists to the basic principles of semantics and the way language conveys ideas. This course is also available on WUSF/TV Channel 16 by the O.U. Program.

LIN 4040 Descriptive Linguistics (3) AS WLE

PR: LIN 3010 or CI. Introduction to the basic techniques of formalizing linguistic descriptions through elementary phonological, morphological, and syntactic data solution-problems drawn from a variety of languages. Both taxonomic and generative analysis and descriptions will be developed and compared.

LIN 4575 Language Types of the World (1) AS WLE

LIN 4600 Language and Society (3) AS WLE

PR: LIN 3010. An analysis of the interrelation of a language and the structure of the society using it. the linguistic behavior patterns characteristic of particular social, political, economic, educational, and racial groups. Problems in communication between strata.

LIN 4671 Traditional English Grammar (3) AS ENG

A course primarily using the sentence diagram to present a detailed analysis of the parts of speech, verb tenses, sentence functions, and other basic grammatical classifications of traditional English grammar.

LIN 4680 Structure of American English (3) AS ENG

An introductory survey of traditional, structural, and generative transformational grammars and their techniques for the analysis and description of linguistic structure in general, and contemporary American English, in particular.

LIN 4710 Language and Communication: Acquisition and Development (3) AS WLE

PR: LIN 3010. A survey of current research and theory in the processes of normal acquisition and development of language and communication in children. the acquisition and development of phonology, syntax, semantics, pragmatics, and nonverbal communication and the role of language in general cognitive development.

LIN 4903 Directed Reading (1-3) AS WLE

PR: CI. Readings in special topics.

LIN 4930 Selected Topics (1-3) AS WLE

PR: CI. Course content depends upon students' needs and instructor's interest and may range over the entire field of linguistics.

LIN 5700 Applied Linguistics (3) AS WLE

Analysis of the phonological, morphological, and syntactic features of English as a basis for linguistic application to problems of English language acquisition by non-native speakers.

LIS 2001 Library and Information Skills (3) AS LIS

An introduction to various types of information sources (print and electronic) and search techniques. The course is designed to instruct students how to locate, evaluate, and effectively use information.

LIS 2004 Introduction to the Internet (3) AS LIS

Covers the history, structure, and use of the Internet, with an emphasis on using the Internet to answer educational, research, and other information-based needs.

LIS 2005 Library and Internet Research Skills (3) AS LIS

An introduction to information research skills as they apply to using both academic libraries and the Internet. Assignments will focus on developing skills to locate, evaluate, and use sources of information.

LIS 2937 Selected Topics in Library/Information Science (1-3) AS LIS

Covers a variety of topics in the field of library/information science such as emerging technologies, administration and service, and current professional issues.

LIS 3361 World Wide Web Page Design and Management (3) AS LIS

PR: LIS 2004. Covers a variety of strategies in designing and maintaining effective World Wide Web pages for publication on the Internet.

LIS 4930 Selected Topics in Information Studies (3) AS LIS

Covers a variety of topics in the field of library/information science such as emerging technologies, administration and service, and current professional issues

LIS 5020 Foundations of Library and Information Science (3) AS LIS

Introduction to the study of library and information science, history; organization; specialized literature; outstanding leaders; current trends, issues, and problems; the place of the information agency in society with its contributions to that society.

LIS 5268 Microcomputer Applications Library and Information Centers (3) AS LIS

Microcomputer hardware and software for libraries and their application in library/information settings. Projects using major applications for budgets, databases, and telecommunications are undertaken.

LIS 5315 Instructional Graphics (3) AS LIS

Theoretical aspects, planning and production of instructional graphic material. The theory of graphic communications. Interpreting needs for instructional materials appropriate for given behavioral objectives.

LIS 5333 TV in Schools and Libraries (3) AS LIS

Small format video tape recordings and the utilization of open and closed broadcasts in schools and libraries.

LIS 5937 Selected Topics in Library Studies (1-4) AS LIS

Covers a variety of topics in such areas as collection development, reference services, technical services, and administration.

LIT 2000 Introduction to Literature 6A HP (3) AS ENG

The nature and significance of literature in its various forms: fiction, drama, poetry; emphasis on the techniques of reading literature for informed enjoyment. Will not be counted toward the English major.

LIT 2010 Introduction to Fiction 6A HP (3) AS ENG

A study of the short story and novel as literary forms; approached from an historical perspective though not restricted to any historical period. Will not be counted toward the English major.

LIT 2030 Introduction to Poetry 6A HP (3) AS ENG

A study of the poem as literary form; approached from an historical perspective though not restricted to any historical period. Will not be counted toward the English major.

LIT 2040 Introduction to Drama 6A HP (3) AS ENG

A study of the major forms of drama as literature and theatre; approached from an historical perspective though not restricted to any historical period. Will not be counted toward the English major.

LIT 3022 Modern Short Novel HP (3) AS ENG

A study of the novella from the nineteenth century to the present. Writers include James, Dostoevsky, Camus, Styron, Nabokov, Gardner, Roth, Vonnegut, among others.

LIT 3031 Survey of Poetry (3) AS ENG

A chronological sampling of the major poems written in English from the Middle Ages to the present. Recommended as the first literature course in the poetry option.

LIT 3043 Modern Drama (3) AS ENG

A study of such modern and contemporary dramatists as Ibsen, Strindberg, Chekhov, Pirandello, Shaw, O'Neill, Pinter, Stoppard, Brecht, Beckett, and Ionesco.

LIT 3093 Contemporary Literature (3) AS ENG

An introduction to the fiction, poetry, and drama written since 1945—American, British, Continental, or Multicultural. Focus may be on one, two, or all three genres or on works from any combination of nationalities.

LIT 3101 Literature of the Western World Through the Renaissance 6A (3) AS ENG

A study in English of the great works of Western Literature from its beginnings through the Renaissance, including the Bible, Homer, Sophocles, Plato, Euripides, Virgil, Cicero, Dante, Petrarch, Machiavelli, and Rabelais, among others.

LIT 3102 Literature of the Western World Since the Renaissance 6A (3) AS ENG

A study in English of the great works of Western Literature from the Neoclassic to the Modern Period, including such writers as Moliere, Racine, Voltaire, Dostoevsky, Chekhov, Ibsen, Kafka, Gide, Sartre, and Camus, among others.

LIT 3103 Great Literature of the World 6A MW LW (3) AS ENG

A survey of world literature including samples from the ancient and modern era, western and eastern traditions, male and female writers, and various ethnic cultures. Focus on values/ethics, race, ethnicity, and gender; thinking and writing skills. Will not be counted toward the English major.

LIT 3144 Modern European Novel 6A HP (3) AS ENG

A study of the Modern European novel in translation as it developed from the nineteenth century to the present, including such writers as Dostoevsky, Flaubert, Kafka, Hesse, Camus, and Solzhenitsyn.

LIT 3155 Modern Literature 6A MW LW (3) AS ENG

Examines major literary works of the 20th Century and explores ways in which authors have expressed the age, its great issues and conflicts, in order to gain an historical perspective that will help relate the present to the recent past. Will not be counted toward the English major.

LIT 3301 Cultural Studies and the Popular Arts 6A MW LW (3) ASENG

- A study of twentieth century culture as it is represented in the film, fiction, and other cultural artifacts of many different nationalities. Focuses on values/ethics, race, ethnicity and gender; thinking and writing skills. Will not be counted toward the English major.
- LIT 3374 The Bible As Literature MW (3) AS ENG**
Major emphasis on literary types, literary personalities of the Old and New Testaments, and Biblical archetypes of British and American literary classics. Fall Semester, Old Testament; Spring Semester, New Testament. Focuses on values/ethics, race, ethnicity and gender; thinking and writing skills. May be taken twice for credit with different topics. May be counted once toward the English major.
- LIT 3383 The Image of Women in Literature 6A MW LW (3) AS ENG**
A study that seeks to trace the origins of contemporary views about women, to analyze major Eastern/Western literary portrayals of women, to examine ideas about women's roles, and to compare/contrast cultural/racial images of women. Will not be counted toward the English major.
- LIT 3410 Religious and Existential Themes (3) AS ENG**
Theological and philosophical ideas, allusions, and symbols in the writings of Dostoevsky, Nietzsche, Mann, Joyce, Eliot, Camus, Sartre, among others.
- LIT 3451 Literature and the Occult 6A MW LW (3) AS ENG**
An introduction to the occult tradition as a major ingredient in English, Continental, American, and Multicultural literature; analysis of the origins, classifications, and areas of the various magic arts from classical times through the present. Focuses on values/ethics, race/ethnicity and gender; thinking and writing skills. Will not be counted toward the English major.
- LIT 4386 British and American Literature by Women 6A MW LW (3) AS ENG**
Survey of women's literary tradition in England and America from the seventeenth century to the present. Thematic focus includes self, marriage, sexuality, madness, race and generations. Writing intensive. Will not be counted toward the English major.
- LIT 4804 Literature as Cultural Study MW (3) AS ENG**
The study of literary texts as cultural artifacts. Literary texts as historical, social, political, psychological, philosophical, religious, etc. documents. Topics and works vary. Will not be counted toward the English major.
- LIT 4930 Selected Topics in English Studies (3) AS ENG**
The content of the course will be governed by student demand and instructor interest. It will examine in depth a recurring literary theme or the work of a small group of writers. Special courses in writing may also be offered under this title. May be taken twice for credit with different topics
- LNW 4381 Livy (4) AS WLE**
PR: Basic knowledge of Latin. Readings in the ideas and artistry of this Roman historian.
- LNW 4634 Catullus (4) AS WLE**
PR: Basic knowledge of Latin. Readings in Catullus. Study of techniques and tradition in Roman lyric poetry.
- LNW 4644 Cicero (4) AS WLE**
PR: Basic knowledge of Latin. Readings in the epistles of Cicero.
- LNW 4654 Horace (4) AS WLE**
PR: Basic knowledge of Latin. Readings in the Odes and Epodes of Horace; study of the Ode's tradition.
- LNW 4660 Vergil (4) AS WLE**
Readings in Virgil's Aeneid. Study of the tradition, techniques, and artistry of Roman epic poetry. Available to majors and non-majors.
- LNW 4670 Ovid (4) AS WLE**
PR: LAT 1121 or equivalent. Readings in Ovid's Metamorphoses. Study of Ovid's technique, style, and artistry.
- LNW 4900 Directed Reading (1-4) AS WLE**
Departmental approval required.
- LNW 4930 Selected Topics (4) AS WLE**
Study of an author, movement, or theme.
- LNW 5900 Directed Reading (1-4) AS WLE**
Departmental approval required. S/U.
- LNW 5934 Selected Topics (4) AS WLE**
Study of an author, movement, or theme.
- MAA 4211 Intermediate Analysis I 6A (4) AS MTH**
PR: MAC 2313 and MAS 3105. Sequences, series, metric spaces, continuity, differentiation.
- MAA 4212 Intermediate Analysis II 6A (3) AS MTH**
PR: MAA 4211. Riemann-Stieltjes integration, uniform convergence, and related topics.
- MAA 4402 Complex Variables 6A (3) AS MTH**
PR: MAP 2302 or CI. No credit for students with credit in MAA 5405. Complex numbers, Cauchy-Riemann equations, analytic and conformal functions, power series, Cauchy Theorem, Cauchy Integral Formula, residue theory.
- MAA 5306 Real Analysis I (3) AS MTH**
PR: MAA 4211. Riemann-Stieltjes integrals, uniform convergence, Fourier series, Lebesgue measure and integration on R.
- MAA 5307 Real Analysis II (3) AS MTH**
PR: MAA 5306. Metric spaces, Banach spaces, and function spaces; measure and integration on abstract spaces.
- MAA 5405 Applied Complex Analysis (3) AS MTH**
PR: CI. Complex numbers, analytic and harmonic functions. Series. Contour integrals, residue theory. Conformal mappings. (A survey course emphasizing techniques and applications.)
- MAC 1105 College Algebra 6A QM (3) AS MTH**
PR: C (2.0) or better in MAT 1033, or 490 or better SAT Math score, or 21 or better ACT Math score, or 90 or better Elementary Algebra CPT score, or 40 or better College-Level Math CPT score. No credit for students with prior credit for MAC 1140 or MAC 1147. Concepts of the real number system, functions, graphs, and complex numbers. Analytic skills for solving linear, quadratic, polynomial, exponential, and logarithmic equations. Mathematical modeling of real life applications. College Algebra may be taken either for General Education credit or as preparation for a pre-calculus course.
- MAC 1114 Precalculus Trigonometry 6A (2) AS MTH**
PR: C (2.0) or better in MAC 1105, or 550 or better SAT Math Score, or 24 or better ACT Math Score. CP: MAC 1140. Angles, trigonometric functions, properties and graphs of trigonometric functions, right triangles, laws of sines and cosines, polar coordinates.
- MAC 1140 Precalculus Algebra 6A QM (3) AS MTH**
PR: C (2.0) or better in MAC 1105, or 550 or better SAT Math Score, or 24 or better ACT Math Score. CP: MAC 1114. Review of functions and graphs. Analytic geometry including conic sections and rotation of axes, systems of equations including matrix algebra and determinants, sequences and series including Binomial Theorem.
- MAC 1147 Precalculus Algebra and Trigonometry 6A QM (4) AS MTH**
PR: C (2.0) or better in MAC 1105, or 550 or better SAT Math score, or 24 or better ACT Math score, or 60 or better College-Level Math CPT score. No credit for students with credit for either MAC 1140 or MAC 1114. This is an accelerated combination of MAC 1140 and MAC 1114; this course is best for students who have already seen some trigonometry. See the descriptions of MAC 1140 and MAC 1114.
- MAC 2233 Business Calculus 6A QM (4) AS MTH**
PR: C (2.0) or better in MAC 1105, or C (2.0) or better in MAC 1140, or C (2.0) or better in MAC 1147, or 590 or better SAT Math score, or 26 or better ACT Math score, or 78 or better College-Level Math CPT score. No credit for mathematics majors or students with credit for either MAC 2241, MAC 2281, or MAC 2311. Linear equations and functions, mathematics of finance, differentiation and integration of algebraic, exponential and logarithmic functions with applications to business, finance and economics.
- MAC 2241 Life Sciences Calculus I 6A QM (4) AS MTH**
PR: C (2.0) or better in MAC 1114, or C (2.0) or better in MAC 1147, or 650 or better SAT Math score, or 29 or better ACT Math score, or 90 or better College-Level Math CPT score, and knowledge of trigonometry. No credit for math majors or students with credit in MAC 2233, MAC 2281, or MAC 2311. Differentiation and integration of algebraic, trigonometric, exponential, and logarithmic functions with applications to life sciences.
- MAC 2242 Life Sciences Calculus II 6A QM (4) AS MTH**
PR: C (2.0) or better in MAC 2241. No credit for Mathematics majors or students with credit in MAC 2282 or MAC 2312. Techniques of integration, differential equations, functions of several variables, series and Taylor polynomials.
- MAC 2281 Engineering Calculus I 6A QM (4) AS MTH**
PR: C (2.0) or better in MAC 1114 and C (2.0) or better in MAC 1140, or C (2.0) or better in MAC 1147, or 650 or better SAT Math score, or 29 or better ACT Math score, or 90 or better College-Level Math CPT score, and knowledge of trigonometry. No credit for mathematics majors or for students with credit in MAC 2233, MAC 2241, or MAC 2311. Differentiation, limits, differentials, extremes, indefinite integral. No credit for mathematics majors or for students with credit in MAC 2233 or MAC 2243 or MAC 2311.
- MAC 2282 Engineering Calculus II 6A QM (4) AS MTH**

362 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

- PR: C (2.0) or better in MAC 2281. No credit for students with credit in MAC 2242 or MAC 2312. Definite integral, trigonometric functions, log, exponential, series, applications.
- MAC 2283 Engineering Calculus III 6A (4) AS MTH**
PR: C (2.0) or better in MAC 2282 or CC. No credit for students with credit in MAC 2313. Techniques of integration, numerical methods, analytic geometry, polar coordinates, Vector algebra, applications.
- MAC 2311 Calculus I 6A QM (4) AS MTH**
PR: C (2.0) or better in MAC 1114 and C (2.0) or better in MAC 1140, or C (2.0) or better in MAC 1147, or 650 or better SAT Math score, or 29 or better ACT Math score, or 90 or better College-Level Math CPT score, and knowledge of trigonometry. No credit for students with credit in MAC 2233, MAC 2241, or MAC 2281. Differentiation, limits, differentials, extremes, indefinite integral. No credit for students with credit in MAC 2233 or MAC 2243 or MAC 2311.
- MAC 2312 Calculus II 6A QM (4) AS MTH**
PR: C (2.0) or better in MAC 2311 or CC. No credit for students with credit in MAC 2242 or MAC 2282. Antiderivatives, the definite integral, applications, series, log, exponential and trig functions.
- MAC 2313 Calculus III 6A (4) AS MTH**
PR: C (2.0) or better in MAC 2312 or CC. No credit for students with credit in MAC 2283. Integration, polar coordinates, conic sections, vectors, indeterminate forms and proper integrals.
- MAD 3100 Discrete Mathematics 6A (3) AS MTH**
PR: MAC 2281 or MAC 2311. No credit for Mathematics majors. An introduction to some of the aspects of discrete mathematics that are fundamental to digital computing. Topics include sets, numbers, algorithms, Boolean algebra, computer arithmetic, elementary combinatorics and an introduction to graph theory.
- MAD 4401 Numerical Analysis 6A (3) AS MTH**
PR: MAP 2302 and MAS 3105. Interpolation and quadrature, finite differences, numerical solution of algebraic and transcendental equations, numerical solution of differential equations, computer techniques.
- MAD 4504 Theory of Computation 6A (3) AS MTH**
PR: MGF 3301 or MAD 3100. Mathematical aspects of alphabets and languages. Chomsky's hierarchy. Grammars. Regular languages, grammars and finite states machines. Context-free languages and grammars. Turing machines and languages. Decidability. Inductive definition of functions and basic computable functions. Introduction to computational complexity.
- MAD 5101 LISP: Programming With Algebraic Applications (3) AS MTH**
PR: MHF 5306 or MAD 6510 or MAS 5311 or CI. Programming in LISP, functional languages, foundations of Lambda Calculus and algebraic applications (theorem proving and game playing).
- MAD 5305 Graph Theory (3) AS MTH**
PR: MAS 3105 or CI. Brief introduction to classical graph theory (4-color theorem, etc.), directed graphs, connected digraphs, condensations, incidence matrices, Polya's Theorem, networks.
- MAE 4310 Teaching Elementary School (K – 6) Mathematics I (3) EDEDE**
PR: Admission to College of Education and two college level mathematics courses. Methods for teaching number ideas, computation skills, and mathematical reasoning in elementary (K – 6) classrooms.
- MAE 4320 Teaching Mathematics in the Middle Grades (3) ED EDO**
PR: Admission to Mathematics Education program or DPR. Techniques and materials of instruction in middle grades mathematics topics. Students are expected to observe 15 hours in middle schools.
- MAE 4326 Teaching Elementary School (K – 6) Mathematics II (3) EDEDE**
PR: MAE 4310. Methods for teaching informal geometry, measurement, probability, statistics, and algebraic thinking for elementary school (K – 6) classrooms.
- MAE 4330 Teaching Senior High School Mathematics (3) ED EDO**
PR: Admission to Mathematics Education program or DPR. Techniques and materials of instruction in mathematics. Students are expected to observe 20 hours in high schools.
- MAE 4551 Reading the Language of Mathematics (3) ED EDO**
PR: Admission to Mathematics Education program or DPR. The course provides the prospective secondary math teacher the opportunity to develop concepts, skills and instructional procedures for effectively integrating communication (reading, writing, listening, speaking) into the math curriculum. Required under Math Ed. program.
- MAE 4652 Technology for Teaching Secondary School Mathematics I (3) ED EDO**
PR: Admission to Mathematics Education Program or DPR. This course prepares secondary mathematics education majors to write computer programs in both QBASIC and Logo 4.0 that are appropriate for secondary school mathematics classrooms. A variety of uses of computers in mathematics instruction will also be covered.
- MAE 4653 Technology for Teaching Secondary School Mathematics II (3) ED EDO**
PR: Admission to Mathematics Education program or DPR. This course prepares secondary mathematics education majors to be proficient with hand-held technologies such as; graphing calculators, symbolic manipulators, calculator based laboratory systems and hand held geometric drawing tools.
- MAE 4909 Directed Study: Mathematics Education (1-3) ED EDO**
PR: Senior Standing and CI. To extend competency in teaching field.
- MAE 4936 Senior Seminar in Mathematics Education (2) ED EDO**
PR: Senior Standing; CR: MAE 4940. Synthesis of teacher candidate's courses in complete college program.
- MAE 4940 Internship: Mathematics Education (1-12) ED EDO**
CR: MAE 4936. S/U only. One full semester of internship in a public or private school. In special programs where the intern experience is distributed over two or more semesters, students will be registered for credit which accumulates from 9 to 12 semester hours.
- MAE 5875 Abstract Algebra for Teachers (3) AS MTH**
PR: MAS 3105 and MAS 4301 and Bachelor's degree or CI. No credit for Mathematics majors. Groups, fields, vector spaces as they relate to high school algebra and geometry.
- MAN 3025 Principles of Management (3) BA MAN**
PR: Junior standing. Examines intrapersonal, interpersonal, group/team, organizational, and environmental (both stakeholder and societal) factors influencing the management task.
- MAN 3240 Organizational Behavior Analysis (3) BA MAN**
PR: MAN 3025. The course covers research literature relevant to organizational functioning including behavioral effects of power and authority, formal organization, structural variation, leadership, motivation, and communication.
- MAN 3301 Human Resource Management (3) BA MAN**
To develop a broad exposure to new approaches, techniques, and future trends in the management of personnel. A study of the major functions in personnel including job analysis, manpower planning, selection, performance evaluation, training, and wage and salary administration.
- MAN 3401 Industrial Relations (3) BA MAN**
Conceptualization of the administrative problems arising from unionization. Emphasis on the relationship between management and employee representatives in private and public employment.
- MAN 4120 Managerial Behavioral Laboratory (3) BA MAN**
PR: MAN 3240 or equivalent. Development of direct understanding of personal, interpersonal, and intergroup factors present in organizational interaction. Stress is on a series of experiential exercises and written application of results within a laboratory setting.
- MAN 4129 Theory and Practice of Management Skills (3) BA MAN**
This course involves the transference of management theories into practice. It requires the active involvement of students in developing and practicing the skills needed to be a successful manager.
- MAN 4280 Organizational Development and Change (3) BA MAN**
PR: MAN 3240 or CI. A lab course where students experimentally apply behavioral science techniques in an "action-research" framework to the cycle of planned change so as to build a more effective organization.
- MAN 4282 Organizational Assessment (3) BA MAN**
PR: MAN 3240. The analysis and measurement of factors which influence organizational effectiveness and the quality of work life. Data based cases will be used by students to assess managerial and supervisory skills and to measure organizational functioning and work design.
- MAN 4402 Employment Laws (3) BA MAN**
Federal and state regulation of the employment relationship, including wage and hour laws; EEO; affirmative action programs; employee benefits; insurance; workers' compensation, safety, health, employee's personal rights; collective bargaining legislation.
- MAN 4430 Seminar in Negotiations and Administration of Labor Agreements (3) BA MAN**

- Case studies in contract negotiation, administration, grievance settlement, and arbitration. Assumes familiarity with industrial relations system.
- MAN 4504 Operations Management: A Systems Approach (3) BA QMB**
PR: ISM 3431 or equivalent. Studies the problems of "operations" in all types of enterprises in both the public and private sectors. Emphasis is placed on the application of various decision science methodologies to problem situations.
- MAN 4507 Operation Production Systems (3) BA QMB**
PR: MAN 4504 or CI. Study of closed loop production planning and control systems. Master production planning, inventory management, materials requirements planning, capacity, management, production activity. Relationship to organizational effectiveness.
- MAN 4600 International Management (3) BA MAN**
PR: MAN 3025, Senior Standing or CI. Examines the effects of international cultural differences on business practices within and outside the United States and provides methods to build synergies and establish/enhance competitive advantage via those differences.
- MAN 4802 Entrepreneurship and Small Business Management (3) BA MAN**
PR: ACG 2021, ACG 2071, MAR 3023, or CI. Study of the factors involved in starting and managing a small- to medium-sized business. Emphasis on conduct of pre-business feasibility study, start-up of business, successful management of the firm, and options for succession or termination.
- MAN 4804 Small Business Management Counseling (3) BA MAN**
PR: MAN 4802 or CI. Field application in small business settings by (a) analyzing an on-going small business and developing recommendations for making improvements; or (b) conducting a feasibility study for a new enterprise and developing a strategy for implementation if favorable.
- MAN 4905 Independent Study (1-3) BA MAN**
PR: CI. S/U only. Specialized independent study determined by the students' needs and interests.
- MAN 4930 Selected Topics in Management (1-3) BA MAN**
Topics to be selected by instructor and department chairperson for pertinent Management issues.
- MAN 4931 Independent Research (1-4) BA MAN**
PR: CI. Individual study contract with instructor and department chairperson required. The research project will be mutually determined by the student and instructor.
- MAP 2302 Differential Equations 6A (3) AS MTH**
PR: MAC 2283 or MAC 2313. First order linear and nonlinear differential equations, higher order linear equations, applications.
- MAP 5316 Ordinary Differential Equations I (3) AS MTH**
PR: MAP 2302 and MAA 4211, or CI. Existence and uniqueness theory, properties of solutions, linear systems, stability theory. Sturm-Liouville theory.
- MAP 5317 Ordinary Differential Equations II (3) AS MTH**
PR: MAP 5316 and MAA 5307 or CI. Topics selected from fixed point theory, comparison theory, oscillation theory, Poincare-Bendixson Theory, Lyapunov functions, eigenfunction expansions.
- MAP 5345 Applied Partial Differential Equations (3) AS MTH**
PR: MAP 5407 or CI. Separation of variables, the heat equation, wave equation, Laplace's equation, classification, Green's functions with emphasis on applications.
- MAP 5407 Methods of Applied Mathematics (3) AS MTH**
PR: MAP 2302 or CI. Sturm-Liouville theory, Fourier series, Green's functions, matrix methods for linear systems of ordinary differential equations, and topics from calculus of variations, control theory, numerical solutions of differential equations.
- MAR 2931 Selected Topics in Marketing (1-4) BA MKT**
Not available for credit to upper-level students who have been admitted to the College of Business. Topics to be selected by department chairman.
- MAR 3023 Basic Marketing (3) BA MKT**
PR: Junior standing. Survey of the marketing of goods and services within the economy. Attention is paid to the impact of marketing on other functional areas of business as well as society.
- MAR 3400 Professional Selling (3) BA MKT**
PR: MAR 3023 or CI. A study of the stages of the professional selling process, and the role of sales in today's marketing environment. Emphasis on learning adaptive selling techniques and developing effective interpersonal communications skills. Sales careers are examined.
- MAR 3613 Marketing Research (3) BA MKT**
PR: QMB 2100, MAR 3023. A study of research methods and techniques applicable to problem solving in marketing. Attention is also given to defining information needs, determining the value of information, interpreting and reporting information for use in marketing decision making.
- MAR 3823 Marketing Management (3) BA MKT**
PR: MAR 3023. An applications oriented study of the marketing function at an intermediate level. Emphasis upon techniques for analysis and problem-solving. Builds upon the principles and concepts learned in MAR 3023, and provides a strong foundation for the remaining courses in the marketing curriculum.
- MAR 4156 International Marketing (3) BA MKT**
PR: MAR 3023. A study of procedures and problems associated with establishing marketing operations in foreign countries. Includes the institutions, principles and methods involved in the solution of these business problems as well as the effects of national differences on business practices and buyer behavior.
- MAR 4213 Logistics and Physical Distribution Management (3) BA MKT**
PR: MAR 3023 or CI. A study of logistics in the marketing of goods and services. Includes a description and analysis of the logistics environment as well as components of the physical distribution system with emphasis on information flows and the application of quantitative techniques used in establishing and controlling customer service levels.
- MAR 4231 Retailing Management (3) BA MKT**
PR: MAR 3023. A comprehensive study of the retailing structure, institutions, and environment. Includes pertinent management theories and practices in analyzing, organizing, planning and controlling retail operations, both large and small.
- MAR 4333 Promotion Management (3) BA MKT**
PR: MAR 3023 or CI. A study of the role of promotion in the marketing program of the firm, including the promotional tools available to the marketing manager and the various types of decisions made in the promotional area. Decision making process in development of a promotional program is emphasized.
- MAR 4403 Sales Management (3) BA MKT**
PR: MAR 3023 or CI. A study of sales management and strategy as a subset of marketing management. Emphasis is placed on developing the problem-solving and decision-making skills required of the sales manager in the modern market-oriented company.
- MAR 4453 Business to Business Marketing (3) BA MKT**
PR: MAR 3023. A study of the marketing of goods and services to the industrial and institutional sectors. Includes characteristics of the markets and channels of distribution, sales, management, research and promotional practices, marketing policies and strategies.
- MAR 4503 Buyer Behavior (3) BA MKT**
PR: MAR 3023. A study of the basic concepts of buyer behavior, including pre- and post-purchase attitudes and behavior patterns, information processing relating to the functional areas of marketing and the buyer's decision-making process. Managerial applications to marketing are emphasized.
- MAR 4824 Marketing Management Problems (3) BA MKT**
PR: Senior Standing, MAR 3823, MAR 3613, MAR 4333. The integration of marketing knowledge applied to decision roles in managing the total marketing effort of firms, and coordination with other major functional areas on specific problems.
- MAR 4903 Independent Research (1-3) BA MKT**
PR: CI. Individual study contract with instructor and department chairperson required. The research project will be mutually determined by the student and instructor.
- MAR 4905 Independent Study (1-3) BA MKT**
PR: CI. S/U only. Specialized independent study determined by the students' needs and interests.
- MAR 4933 Selected Topics in Marketing (1-3) BA MKT**
Topics to be selected by instructor and department chairperson.
- MAS 1100 Constructive Number Theory and Linear Algebra (3) US DEA**
PR: Acceptance in USF-Hillsborough County Mathematics and Science Program. Computational and constructive aspects of number theory. Topics include: properties of integers, Diophantine Equations, congruence, quadratic residues polynomials over the integers, systems of linear equations, matrices and determinants.
- MAS 3105 Linear Algebra 6A (4) AS MTH**
CP: MGF 3301 and either MAC 2283 or MAC 2313. Linear systems, matrix algebra, vector spaces, linear independence, inner product spaces, Gram-Schmidt algorithm, linear transformations and matrix representations, determinants, eigenvalues, diagonalization, quadratic forms.
- MAS 4156 Vector Calculus 6A (4) AS MTH**

PR: MAS 3105 and either MAC 2313 or MAC 2283. Implicit function and inverse function theorems, parameterized surfaces, submanifolds on Euclidean space, exterior calculus of differential forms, differentiation of vector fields, line and surface integrals, Stokes' Theorem, elementary continuous groups.

MAS 4214 Elementary Number Theory 6A (3) AS MTH

PR: MAS 2312. No credit towards Mathematics major. Divisibility, prime numbers, Fundamental Theorem of Arithmetic, Diophantine equations, the algebra of congruencies, number functions and other selected topics.

MAS 4301 Elementary Abstract Algebra 6A (3) AS MTH

PR: MAS 3105. An introduction to the basic algebraic structures; groups, rings, integral domains, and fields; homeomorphisms and isomorphisms.

MAS 5107 Advanced Linear Algebra (3) AS MTH

PR: MAS 3105 and MAS 4301 CP: MAS 5311. Finite-dimensional vector spaces over arbitrary fields, dual spaces, canonical forms for linear transformations, inner product spaces, orthogonal, unitary, and self-adjoint operators and quadratic forms.

MAS 5215 Number Theory (3) AS MTH

PR: MAS 3105 and MAS 4301, or Cl. Fundamental theorem of arithmetic, modular arithmetic, Chinese remainder theorem, Mersenne primes, perfect numbers, Euler-Fermat theorem, pseudo primes, primitive roots, law of quadratic reciprocity, factorization and primality testing algorithms.

MAS 5311 Algebra I (3) AS MTH

PR: MAS 3105 and MAS 4301 or Cl. Group theory: Sylow theorems; classification of groups of small order. Ring theory: ideals, quotient rings, polynomial rings, Euclidean domains, principal ideal domains and unique factorization.

MAS 5312 Algebra II (3) AS MTH

PR: MAS 5311 or Cl. Continuation of MAS 5311. Finitely generated modules over a principal ideal domain, basic field theory, finite fields, Galois theory.

MAT 2930 Selected Topics in Mathematics 6A (1-4) AS MTH

PR: Cl. The course content will depend on the interest of faculty members and student demand.

MAT 2936 Technology Seminar 6A (1) AS MTH

S/U only. A two hour/week technology seminar to acquaint students majoring in mathematics, physics, and other sciences with the computer tools necessary in scientific communication and document preparation.

MAT 4906 Independent Study 6A (1-4) AS MTH

PR: Cl. S/U only. Specialized independent study determined by the student's needs and interests. The written contract required by the College of Arts and Sciences specifies the regulations governing independent study.

MAT 4930 Selected Topics in Mathematics 6A (1-4) AS MTH

PR: Cl. The course content will depend on the interest of faculty members and student demand.

MAT 4937 Mathematics Majors Seminar 6A (1) AS MTH

PR: MAS 4301.

MAT 4970 Mathematics Senior Thesis 6A (3) AS MTH

PR: Admission to Mathematics Honors Program and CC. S/U only. Course restricted to mathematics majors.

MAT 5932 Selected Topics (1-4) AS MTH

PR: Cl. Each course covers a single topic outside the usual curriculum.

MCB 3020C General Microbiology (4) AS BIO

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, and CHM 2210. Genetics is recommended. Introduction to the biology of microorganisms: structure, physiology, and ecology of bacteria, algae, viruses, protozoa and lower fungi. The laboratory involves preparation of culture media, staining, pure culture methodology, isolation of microbes from nature, enumeration techniques, resistance to infectious disease. Lec-lab.

MCB 4115 Determinative Bacteriology (5) AS BIO

PR: MCB 3020C, CHM 2210, MAC 1105 or higher-level MAC course or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3714 and CHM 2211. Survey of bacterial classification; detailed examinations of bacteria important to man in agriculture, in industry and as pathogens. Lec-lab.

MCB 4404 Microbial Physiology and Genetics (4) AS BIO

PR: MCB 3020C and CP: BCH 3023. A study of the physiological, metabolic, and genetic phenomena pertinent to understanding the growth, development, ecology, regulation, and reproduction of microorganisms. The course emphasizes the interdependence of physiological and genetic approaches to microbiology. Lec.

MCB 4404L Microbial Physiology and Genetics Laboratory (1) AS BIO

CR: MCB 4404C. Laboratory portion of Microbial Physiology and Genetics relating to biochemical characteristics and metabolic capabilities of bacteria.

MCB 4503 Virology (3) AS BIO

PR: MCB 3020C. The biology of viruses associated with plants, animals, and bacteria will be considered; the nature of viruses, mechanisms of viral pathogenesis, and interactions with host cells.

MCB 4910 Microbiology Undergraduate Research (1-4) AS BIO

PR: CC. For B.S. Microbiology majors only. S/U only. Individual investigation with faculty supervision.

MCB 4934 Seminar in Microbiology (1) AS BIO

PR: Senior or advanced junior standing. S/U only. Biology majors may take for elective credit.

MCB 5206 Public Health and Pathogenic Microbiology (3) AS BIO

PR: MCB 3020C, Cl. A comprehensive survey of pathogenic microbes responsible for disease in man and other animals and the impact of these infectious agents on the public health. These pathogens will be studied with respect to their morphology, cultivation, mechanisms of pathogenicity, laboratory diagnosis, and epidemiology.

MCB 5655 Applied and Environmental Biology (3) AS BIO

PR: MCB 3020C. A Study of the applications of microbiology to the food/beverage industry, agriculture, public health and bioremediation. This course is a microbiology elective and has a mandatory field trip.

MCB 5815 Medical Mycology (3) AS BIO

PR: MCB 3020C or Cl. A modern biological survey of the medically important fungi (yeasts and molds) important to microbiologists and environmental scientists.

MET 4002 Climatology (4) AS GPY

PR: GEO 2200 or Cl. An introductory survey of climatology. A qualitative study of the dynamics and general circulation of the atmosphere. Surface and upper level atmosphere linkages in the mid latitudes will be examined. Discussion of the regional climatic patterns and anomalies throughout the world.

MET 4010C Meteorology (4) AS GPY

PR: GEO 2200 or Cl. The earth's atmosphere and its processes; weather forecasting and analysis; instrumentation.

MGF 1106 Finite Mathematics 6A QM (3) AS MTH

PR: C (2.0) or better in MAT 1033, or 440 or better SAT Math score, or 19 or better ACT Math Score, or 72 or better Elementary Algebra CPT score. Concepts and analytical skills in areas of logic, linear equations, linear programming, mathematics of finance, permutations and combinations, probability, and descriptive statistics.

MGF 1107 Mathematics for Liberal Arts 6A QM (3) AS MTH

PR: C (2.0) or better in MAT 1033, or 440 or better SAT Math score, or 19 or better ACT Math Score, or 72 or better Elementary Algebra CPT score. This terminal course is intended to present topics which demonstrate the beauty and utility of mathematics to the general student population. Among the topics which might be included are: Financial Mathematics, Linear and Exponential Growth, Numbers and Number Systems, Elementary Number Theory, Voting Techniques, Graph Theory, and the History of Mathematics.

MGF 1116 Mathematical Experience 6A (3) AS MTH

PR: Two years of high school algebra. Introduction to some important and interesting basic ideas in mathematics with an emphasis on a mathematical way of thinking. Concepts such as definitions, axioms and proofs are explained. Topics from number theory, combinatorics, algebra and geometry are used. Some topics are presented in their historical context and their impact on the development of mathematics is discussed.

MGF 1131 Chaos and Fractals 6A QM (3) AS MTH

PR: C (2.0) or better in MAT 1033, or 440 or better SAT Math score, or 19 or better ACT Math Score, or 72 or better Elementary Algebra CPT score. Computer experiments in the behavior of functions under iteration: periodicity, attractors, stability, complex numbers, Cantor set, fractional dimension, sensitive dependence.

MGF 3301 Bridge to Abstract Mathematics 6A QM (4) AS MTH

CP: MAC 2313 or MAC 2283. Techniques and logic of the construction of proofs. Topics will be selected from propositional logic, set theory, relations and functions, equivalence relations, Boolean algebra, cardinality, and limits.

MHF 4403 The Early History of Mathematics 6A MW (3) AS MTH

PR: MAC 2312 and upper-level standing. A study of the history and development of mathematics and its cultural impact from the formation of number systems to the Renaissance.

MHF 4406 The History of Modern Mathematics 6A MW (3) AS MTH

- PR: MAC 2313. Traces the development of mathematical ideas in Western culture.
- MHF 5306 Mathematical Logic and Foundations I (3) AS MTH**
PR: MAS 4301 or CI. Two-course sequence covering: predicate calculus and classical model theory; transfinite set theory and the system ZFC; recursion theory and decidability.
- MHF 5402 The Early History of Mathematics (3) AS MTH**
PR: MAC 2312. A study of the history and development of mathematics and its cultural impact from the formation of number systems to the Renaissance.
- MHF 5405 History of Modern Mathematics (3) AS MTH**
PR: MAC 2313. Traces the development of mathematical ideas in Western culture. Special emphasis is placed on those concepts which led to the Calculus. This course is open to majors and non-majors alike.
- MHS 3411 Multidisciplinary Behavioral Healthcare Services (3) FM FMH**
PR: CI or Junior Standing minimum. Working in behavioral healthcare requires the application of specific knowledge and skills. This open enrollment course offers a practical multidisciplinary look at service delivery. Students will examine their career and educational goals in context.
- MHS 4002 Behavioral Health Systems Delivery (3) FM FMH**
PR: MHS 3411 This course is designed to provide students with an understanding of the significant issues and trends in behavioral health delivery systems in America. Four major areas will be emphasized: 1) history and legislation; 2) systems delivery; 3) programs and policies; 4) selected at-risk populations. This course is not repeatable for credit and is open to non-minors in behavioral healthcare.
- MHS 4052 Human Relations Skills in Counseling MW(4) ED EDG**
Introduction to the theory of human relations dynamics and development of skills required for effective interpersonal relations. Lecture sessions and experiential training.
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment (3) FM FMH**
PR: MHS 3411 This course explores exemplary clinical practices in public behavioral health service delivery. Best or exemplary practices are defined as those that have both a track record and their efficacy has been empirically validated. Modules may begin with a historical perspective of the treatment of a specific population or a treatment strategy but will primarily focus on emerging methodologies.
- MHS 4425 Field Experience in Behavioral Healthcare (3) FM FMH**
PR: MHS 3411, MHS 4002, MHS 4408 This experiential class allows the student to observe and participate with multidisciplinary staff of a provider agency. The student will attend team meetings, observe individual, group, and case management services. Assignments will be made to maximize the student's time investment in the field. Observations and experiences will be discussed in biweekly class meetings. Students are required to spend 120 hours (an average of 8 hours per week for 15 weeks) in an agency. Advisor approval required two months in advance of semester.
- MHS 4905 Independent Study: Guidance and Counseling Education (1-4) ED EDG**
PR: DPR. S/U only. Specialized independent study determined by the student's needs and interests.
- MHS 4906 Directed Study (1-4) FM FMH**
Directed study. Student must have a contract with an instructor.
- MHS 4931 Selected Topics (1-4) FM FMH**
The course content will depend on student demand and instructor's interest. The course may be repeated for different topics up to 8 hours.
- MHS 5020 Foundations of Mental Health Counseling (3) AS REH**
PR: CC. A skill-building course on the utilization of one's self in mental health counseling relationships. Includes study of the origin, history, professional functions and current issues in the discipline of mental health counseling.
- MHS 5480 Human Growth and Development (3) AS REH**
PR: RCS 5780, MHS 5020, Majors only. Human development theory as applied in psychotherapy and case management rehabilitation, mental health, and addiction settings.
- MHS 5905 Directed Studies (1-4) ED EDG**
Independent studies on a selected topic.
- MLS 4031 Introduction to Medical Technology (2) AS IAS**
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on principles and methods of medical technology, including professional ethics, safety regulations, quality control, phlebotomy, medical terminology, laboratory math, and computer applications.
- MLS 4860 Clinical Urinalysis and Body Fluids (2) AS IAS**
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on laboratory methodology and diagnosis using urine and other fluids such as semen, spinal, pleural, peritoneal, and joint fluids.
- MLS 4861 Clinical Immunology (2) AS IAS**
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on the tissues, cells, and molecules of the human immune system, emphasizing the detection of serum antibodies and disease states.
- MLS 4862 Clinical Hematology (6) AS IAS**
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on cellular components of the blood as related to laboratory diagnosis and disease, including blood coagulation and morphological and biochemical aspects of blood cells.
- MLS 4863 Clinical Microbiology (6) AS IAS**
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course emphasizing pathogens responsible for diseases in man, including morphology, physiology, and laboratory diagnosis of bacteria, fungi, parasites, and viruses.
- MLS 4864 Clinical Chemistry (6) AS IAS**
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on the analysis of chemical substances found in the body as related to the diagnosis of human disease, including topics such as instrumentation, electrophoresis, therapeutic drug-monitoring assays, tumor markers, and toxicology.
- MLS 4865 Clinical Immunohematology (6) AS IAS**
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on blood and tissue typing, including blood group systems, transfusion associated diseases, HLA testing, and preparation of blood and blood components for transfusion therapy.
- MLS 4866 Clinical Laboratory Management and Education (1) AS IAS**
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on concepts of laboratory management, including personnel staffing, reimbursements, quality assurance, and regulatory issues, and clinical education techniques, including writing, lecture presentation, and evaluation.
- MMC 2100 Writing for the Mass Media (3) AS COM**
PR: Sophomore standing; 2.75 overall grade point average; grade of "C" in ENC 1101, ENC 1102, and passing score on English Diagnostic Test. An introduction to the basic skills of writing for the mass media with practice in library research, persuasive writing, and informational writing.
- MMC 3602 Mass Communications and Society SS HP (3) AS COM**
PR: Sophomore standing. A survey of the history, theory, processes, and philosophy of mass communications and the mass media in the United States, and their relationship to the other major institutions of American society.
- MMC 4123 Media Script Writing (3) AS COM**
PR: MMC 2100 and MMC 3602. An introduction to the techniques of writing scripts for electronic media. Emphasis is on documentary presentation.
- MMC 4200 History and Principles of Communications Law (3) AS COM**
PR: MMC 2100 and MMC 3602. Historical and constitutional backgrounds of freedom and control of expression, statutory enactments, major court decisions and administrative rulings which affect print media, telecommunications, advertising, public relations, and new media.
- MMC 4203 Communication Ethics (3) AS COM**
PR: MMC 2100 and MMC 3602 or CI. A study of the fundamental principles and philosophies of ethics and their application to the decision-making process in the various professions of mass communications.
- MMC 4420 Research Methods in Mass Communications (3) AS COM**
PR: MMC 2100 and MMC 3602. An introduction to the theory and practice of quantitative and historical research methods as applicable to the study of media and mass communications. Emphasis on survey research, evaluation of data, and report writing.
- MMC 4900 Directed Reading in Mass Communications (1-3) AS COM**
PR: Junior standing and CI. Reading and directed study in special topics.

366 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

MMC 4910 Individual Research in Mass Communications (1-3) AS COM

PR: Junior standing and CI. The course provides means for a student to do independent study in an area not covered by a numbered course.

MMC 4936 Selected Topics in Mass Communications Studies (1-3) AS COM

PR: MMC 2100, MMC 3602 and CI. Courses designed to meet current or specific topics of interest to instructors and students.

MMC 4945 Media Internship-Seminar (3) AS COM

PR: CI and 15 hours in Mass Comm. courses and completion of an 8-12 week paid media internship with newspaper, broadcast station, or other media-related agency approved by the School. S/U only. Reports on experiences for discussion and evaluation.

MSL 1001C Leadership in the Army Profession (2) US MIS

Examines the unique duties and responsibilities of officers, organization and role of the Army, review skills pertaining to fitness and communication, analyze Army values and expected ethical behavior. Lec.-Lab.

MSL 1002C Leadership Models and Methods (2) US MIS

Presents fundamental leadership concepts and doctrine, practice basic skills that underlie effective problem solving, examine the officer experience. Lec.-Lab.

MSL 2101C Leadership in Changing Environments (2) US MIS

Develops knowledge of self, self-confidence, and individual leadership skills, develop problem solving and critical thinking skills, apply communication, feedback, and conflict resolution skills. Lec.-Lab.

MSL 2102C Leadership and Teamwork (2) US MIS

Focuses on self-development guided by knowledge of self and group processes, challenges current beliefs, knowledge, and skills.

MSL 2900 Army Physical Readiness (1) US MIS

This course will train students in the unique role of Army physical readiness in sustaining military operations. It will also prepare students to plan, prepare, and conduct military fitness training. Repeatable for 8 semesters, but only 4 credit hours will be counted toward the program.

MSL 2901 Basic Leader Training (4) US MIS

PR: CI. A 35 day internship at Fort Knox, Kentucky that incorporates a wide range of military subjects designed to develop/evaluate leadership and officer potential. The course is intentionally stressful and designed to build individual confidence through the accomplishment of tough and demanding training. Students completing the course may qualify for entry into the ROTC Advanced Course.

MSL 3201C Leading Teams (3) US MIS

Examines skills that underlie effective problem solving, analyze military missions and plan military operations, execute squad battle drills.

MSL 3202C Leading Small Units (3) US MIS

Probes leader responsibilities that foster an ethical command climate, develop cadet leadership competencies, apply principles and techniques of effective written and oral communication.

MSL 4301C Leadership Development (3) US MIS

Discuss staff organization, functions, and processes, analyze counseling responsibilities and methods, and apply leadership and problem solving principles to a complex case study/simulation.

MSL 4302C Preparing for Army Leadership (3) US MIS

Capstone course to explore topics relevant to second lieutenants entering the Army, describe legal aspects of decision making and leadership, analyze Army organization from tactical to strategic level.

MSL 4930 Advanced Directed Study and Research (1-3) US MIS

PR: CI and permission of Professor of Military Science. Intensive individual study in a particular aspect of military science that is not covered in regular course offerings. Request for enrollment must be made prior to registration in the form of a written proposal.

MTG 3212 Geometry 6A (3) AS MTH

PR: MAC 2311. No credit towards Mathematics major. Emphasis on axiomatics, advanced Euclidean geometry, elements of projective geometry, non-Euclidean geometry.

MTG 4214 Modern Geometry 6A (3) AS MTH

CP MAS 4301 or CI. Topics will be selected from modern plane geometry. Mobius geometry, elliptic and hyperbolic geometry.

MTG 4302 Introduction to Topology 6A (3) AS MTH

PR: MAC 2313 and MAS 3105. Metric spaces, completeness, topological spaces, subspaces, product spaces, continuity, homeomorphisms, connectedness, compactness, separation axioms, countability axioms.

MTG 5256 Differential Geometry (3) AS MTH

PR: MAA 4211, MAS 3105. Exterior calculus, differentiable manifolds, integration of differential forms, surfaces in 3-space, covariant derivative, curvature, matrix groups.

MTG 5316 Topology I (3) AS MTH

PR: MAA 4211. Topological spaces, continuity, homeomorphisms, connectedness, compact spaces, separation axioms, product spaces.

MTG 5317 Topology II (3) AS MTH

PR: MTG 5316. The fundamental group; elements of homotopy theory and homology theory.

MUC 2221 Composition (3) VP MUS

PR: MUT 1112 and DPR. Private instruction in original composition. Required of composition majors.

MUC 2301 Introduction To Electronic Music (3) VP MUS

History and repertory of electronic music; standard sound studio techniques; basic electronics as applied in electronic sound synthesis; mathematics for music, composition and electronic music.

MUC 3231 Composition (3) VP MUS

PR: Necessary competency at junior level determined by faculty jury. DPR. Private instruction in original composition. Required of composition majors.

MUC 3401 Electronic Music-Analog Synthesis I (3) VP MUS

PR: MUC 2301 and DPR. Composition for tape medium with analog synthesizers; use of sound recording studio; repertory or analog music synthesis; technical basis of analog systems design and construction.

MUC 3402 Electronic Music-Analog Synthesis II (3) VP MUS

PR: MUC 2301 and DPR. Composition for tape medium with analog synthesizers; use of sound recording studio; repertory or analog music synthesis; technical basis of analog systems design and construction.

MUC 3441 Electronic Music-Digital Synthesis I (3) VP MUS

PR: MUC 3401 or MUC 3402 and DPR. Computer assisted composition for conventional instruments; composition for tape medium with computer controlled analog synthesizers; direct digital synthesis; digital systems design and construction.

MUC 3442 Electronic Music-Digital Synthesis II (3) VP MUS

PR: MUC 3401 or MUC 3402 and DPR. Computer assisted composition for conventional instruments; composition for tape medium with computer controlled analog synthesizers; direct digital synthesis; digital systems design and construction.

MUC 4241 Composition (3) VP MUS

PR: Necessary competency at senior level determined by faculty jury. DPR. Private instruction in original composition. Required of composition majors, a minimum of six semester hours.

MUC 4403 Electronic Music-Real-Time Performance I (3) VP MUS

PR: MUC 3402 and MUC 3442 or equivalent. DPR. Composition for analog/digital equipment, performance applications; sound synthesis, interfacing electronics with conventional instruments.

MUC 4404 Electronic Music-Real-Time Performance II (3) VP MUS

PR: MUC 3402 and MUC 3442 or equivalent. DPR. Composition for analog/digital equipment, performance applications; sound synthesis, interfacing electronics with conventional instruments.

MUC 4620 Jazz Composition (3) VP MUS

PR: MUT 3354 and/or DPR. Private instruction in original jazz composition. Required of All Jazz Studies Comp. majors, minimum six of hours.

MUC 5625 Jazz Composition (2) VP MUS

PR: CI. Required of all composition majors. Private instruction in original composition.

MUE 2090 Theoretical Bases Of Music Education (3) VP MUS

PR: DPR. The course is designed to investigate music education practices in the schools. Through the experience and information offered in this course a student will be able to determine his/her commitment to professional music education.

MUE 3421 Choral Techniques and Pedagogy (1) VP MUS

A study of choral materials in a laboratory setting appropriate to elementary and secondary school music programs. Course content will change each semester.

MUE 3422 Wind Techniques and Pedagogy (2) VP MUS

PR: MUG 3104 A two-semester sequence intended to equip music education students with basic performance, pedagogical, and rehearsal techniques, applicable to brass and woodwind instruments and ensembles.

MUE 3423 String Techniques and Pedagogy (1) VP MUS

PR: DPR. A study of orchestra materials, in a laboratory setting, appropriate to elementary and secondary school music programs. Course content will change each semester.

MUE 3930 Music Education Forum (1) VP MUS

PR: Status as a music education major; permission of the Music Advisor. Discuss MusEd professional organizations (MENC, CMENC, ISME, etc.). Students join CMENC and attend the FMEA conference. Add'l topics: classroom management, school safety, professional ethics, education law, and MusEd for special students. Required for MusEd majors 4 semesters @ 1 credit hour per term.

MUE 4210 Music For The Child (3) VP MUS

PR: Admission to the College of Education. DPR. Music fundamentals, the development of music skills and knowledge of music materials and teaching strategies for presenting music to children in the elementary school.

MUE 4311 K-12 General Music Methods and Practicum (4) VP MUS

PR: MUE 2090 This course will consist of theoretical and practical training in teaching General Music Education K-12. It will include the study of philosophies, strategies and methodologies in contemporary General Music Education used in the USA and internationally.

MUE 4331 Choral Methods In The Secondary School (3) VP MUS

PR: DPR. Junior standing. Development and implementation of methods techniques for teaching secondary school choral music.

MUE 4332 Instrumental Music In The Secondary School (3) VP MUS

PR: DPR. MUE 2450, MUE 2460, MVP 1211. Junior standing. Development and implementation of methods techniques for teaching secondary school instrumental music.

MUE 4480 Special Ensemble Methods (2) VP MUS

This course is restricted to majors and is repeatable for up to 6 credits.

MUE 4936 Senior Seminar In Music (2) VP MUS

CR: MUE 4940. DPR. Synthesis of teacher candidate's courses in complete college program. Required concurrently with internship.

MUE 4940 Internship: Music Education (6-10) VP MUS

CR: MUE 4936. S/U only. DPR. One full semester of internship in public or private elementary and secondary schools. Restricted to majors.

May not be repeated for credit.

MUG 3104 Basic Conducting (2) VP MUS

PR: DPR. The study and practical application of basic conducting techniques. Development of skills related to the conducting of musical scores.

MUG 4302 Instrumental Conducting (2) VP MUS

PR: MUG 3404 and DPR. A study of those techniques of conducting unique to instrumental music ensembles: baton technique, score reading, terminology, rehearsal management.

MUH 2051 Folk And Traditional Music Of World Cultures FA AF (3) VP MUS

A comparative survey of the stylistic traits and functions of the folk and traditional music, both sacred and secular, of diverse Western and non-Western cultures. For non-majors; may be taken by majors as an elective with departmental approval.

MUH 2632 Music In The United States FA (3) VP MUS

Designed for majors and non-majors, this course will use live performances, videotapes, and recordings to illustrate music as practiced in America from Colonial to present times. Included in the course will be study of the contributions of various ethnic/minority groups, and discussions of the relevant social issues connected with these contributions.

MUH 3016 Survey Of Jazz FA (3) VP MUS

For non-music majors. Not repeatable. A study of the evolution of America's "classical" music: Jazz. In addition to presenting an overview of the most prominent artists and literature, the course will focus on the cultural dynamics involved in the development of jazz from 1890 to the present.

MUH 3300 Music History/Medieval And Renaissance (2) VP MUS

PR: DPR. Required of music majors; a study of the historical development of musical styles of the Medieval and Renaissance periods and of the music of those periods.

MUH 3301 Music History/Baroque And Classic MW (3) VP MUS

PR: MUL 2111, DPR. Required of music majors; open to non-majors with DPR. A study of the historical development of musical styles of the Baroque and Classic periods and of the music of those periods.

MUH 3302 Music History/Romantic And 20th Century MW (3) VP MUS

PR: MUL 2111, DPR. Required of music majors; open to non-majors with DPR. A study of the historical development of musical

styles of the Romantic and Twentieth Century eras and of the music of those periods.

MUH 4058 Intercultural Music In The Twentieth Century MW (3) VP MUS

PR: MUH 2051 or MUL 2111, DPR. An in-depth investigation of composers born after c. 1880, from all parts of the world, who have attempted to integrate elements from two or more cultures into their compositions.

MUH 4801 History Of Jazz (3) VP MUS

PR: MUT 1112, DPR. An in-depth study of the historical development of Jazz, including the representative musical literature and sociological implications.

MUL 2111 Introduction To Music Literature 6A HP FA (3) VP MUS

PR: MUT 1112, DPR. A survey of representative music exemplars of the past and present with emphasis on the study of styles and form. Required for music majors.

MUL 3001 Issues In Music FA AF (2-3) VP MUS

Open only to non-music majors. Lectures and live performances by artist faculty of significant works from the literature for the piano; analysis and illustration in performance of the abstract and aesthetic elements in music which vitally concern the artist-performer.

MUL 3012 Music in Your Life FA (3) VP MUS

Open only to non-music majors. A study in the art of music and its materials, designed to develop an understanding of basic principles of music and a technique for listening to music.

MUN 1100 University Pep Band (1-3) VP MUS

This course provides performance experiences with the Pep Band. The course is open to any major area. Fall Term participation in Maching Band is required prior to enrollment.

MUN 1110 University Marching Band (1) VP MUS

This course provides performance experiences with the Marching Band. The course is open to any major area.

MUN 3143 Wind Ensemble (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performing media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments.

MUN 3213 University Orchestra (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performing media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments.

MUN 3313 University Singers (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performing media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments.

MUN 3343 Chamber Singers (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3383 University-Community Chorus (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performing media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments.

MUN 3411 String Quartet (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3420 Saxophone Ensemble (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3421 Flute Choir (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3424 Woodwind Quintet (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3431 Brass Quintet (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance

of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3432 Horn Quartet (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3433 Brass Choir (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3443 Percussion Ensemble (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3444 Marimba Ensemble (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3453 Piano Ensemble (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performing media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments.

MUN 3474 Collegium Musicum (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3713 Jazz Ensemble (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performing media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments.

MUN 3714 Jazz Chamber Ensemble (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUO 3503 Opera Workshop (1) VP MUS

PR: DPR. Open to all university students with the necessary proficiency in their performing media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments.

MUS 2010 Recital Attendance (0) VP MUS

S/U only. This course is required whenever a student registers for applied music. The requirement for the successful completion of the course is attendance at ten (10) department-approved recitals/concerts throughout the semester.

MUS 2201 Language Diction For Singers (1) VP MUS

PR: DPR. Required of voice performance majors. Specialized study in Language Diction for Singers. Specific language varies, to be arranged at each course offering.

MUS 4900 Directed Reading (1-3) VP MUS

PR: DPR. Selection of topic and materials must be agreed upon and appropriate credit must be assigned prior to registration. A contract with all necessary signatures is required for registration.

MUS 4905 Directed Study (1-4) VP MUS

PR: DPR. Independent studies in the various areas of music; course of study and credits must be assigned prior to registration.

MUS 4930 Selected Topics In Music (1-4) VP MUS

PR: DPR. The content of the course will be governed by student demand and instructor interest.

MUS 4931 Selected Studio Topics In Music (1-4) VP MUS

PR: DPR. The content of the course will be governed by student demand and instructor interest.

MUS 4935 Music Senior Seminar (1) VP MUS

PR: DPR. S/U only. To aid majors to understand, appraise and perfect their own art through critical and aesthetic judgments of their colleagues.

MUS 5905 Directed Study (1-4) VP MUS

PR: DPR. Independent studies in the various areas of music; course of study and credits must be assigned prior to registration.

MUT 1001 Rudiments Of Music (2) VP MUS

Open to non-music majors; development of skills in hearing and performing music and in basic notation. Will not count as degree credit for music majors.

MUT 1111 Music Theory I (3) VP MUS

PR: DPR. Required of music majors; development of skills in perceiving and writing music through the use of aural and visual analysis and examples from all historical periods of music literature.

MUT 1112 Music Theory II (3) VP MUS

PR: MUT 1111, DPR. Required of music majors; development of skills in perceiving and writing music through the use of aural and visual analysis and examples from all historical periods of music literature.

MUT 1241 Aural Theory I (1) VP MUS

PR: DPR. To be taken concurrently with MUT 1111, MUT 1112. Course designed to begin training in aural recognition and vocal realization of materials used in music composition. Includes rhythmic, melodic and harmonic dictation, and sight singing.

MUT 1242 Aural Theory II (1) VP MUS

PR: MUT 1241, DPR. Course designed to begin training in aural recognition and vocal realization of materials used in music composition. Includes rhythmic, melodic and harmonic dictation, and sight singing.

MUT 2116 Music Theory III (3) VP MUS

PR: MUT 1112, DPR. Required of music majors, continuation of MUT 1111 and 1112.

MUT 2117 Music Theory IV (3) VP MUS

PR: MUT 2116, DPR. Required of music majors, continuation of MUT 1111, 1112, and 2116.

MUT 2246 Aural Theory III (1) VP MUS

PR: MUT 1242. To be taken concurrently with MUT 2116, MUT 2117, DPR. Course designed to continue training in aural recognition and vocal realization of materials used in music composition. Includes rhythmic, melodic and harmonic dictation, and sight singing.

MUT 2247 Aural Theory IV (1) VP MUS

PR: MUT 2246. To be taken concurrently with MUT 2116, MUT 2117, DPR. Course designed to continue training in aural recognition and vocal realization of materials used in music composition. Includes rhythmic, melodic and harmonic dictation, and sight singing.

MUT 2641 Jazz Theory And Improvisation I (2) VP MUS

PR: MUT 1112 and/or DPR. A study of jazz improvisational techniques and related jazz theory.

MUT 2642 Jazz Theory And Improvisation II (2) VP MUS

PR: MUT 2641 or DPR. A study of jazz improvisational techniques and related jazz theory.

MUT 3353 Jazz Composition and Arranging I (3) VP MUS

PR: MUT 1112 and DPR. Course designed to develop arranging and/or compositional skills in the jazz idiom through the study of jazz orchestration, harmonic, and melodic practices.

MUT 3354 Jazz Composition And Arranging II (3) VP MUS

PR: MUT 3353 and DPR. Course designed to develop arranging and/or compositional skills in the jazz idiom through the study of jazz orchestration, harmonic and melodic practices.

MUT 3663 Advanced Jazz Improvisation I (2) VP MUS

PR: MUT 2642 or DPR. A studio course study of the improvised solos of the major innovators in jazz. Oriented toward the continuing development of students' soloing ability. Students are required to enroll in Jazz Chamber Ensemble as a lab. Open to majors and non-majors.

MUT 3664 Advanced Jazz Improvisation II (2) VP MUS

PR: MUT 3663, DPR. A continuation of Jazz Styles and Analysis I with the emphasis on contemporary jazz artists. Students are required to enroll in Jazz Chamber Ensemble as a lab. Open to majors and non-majors.

MUT 4310 Orchestration I (2) VP MUS

PR: DPR. Intensive study and practice in scoring music for various combinations of instruments, including symphony orchestra, band, and smaller ensembles of string, woodwind, brass, and percussion instruments.

MUT 4311 Orchestration II (2) VP MUS

PR: MUT 4310, DPR. Intensive study and practice in scoring music for various combinations of instruments, including symphony orchestra, band, and smaller ensembles of string, woodwind, brass, and percussion instruments.

MUT 4421 Eighteenth Century Practice (3) VP MUS

PR: MUT 2117, DPR. An intensive study of the contrapuntal practice of the 18th century; development of skills in perceiving and writing music in the style of the period through the use of aural and visual analysis.

MUT 4571 Twentieth Century Practice (3) VP MUS

PR: MUT 2117, DPR. A study of 20th century theoretical concepts; development of skills in perceiving and writing music in contemporary styles through the use of aural and visual analysis.

MUT 5051 Graduate Review Of Music Theory (2) VP MUS

PR: DPR. A graduate level review of basic theoretical concepts with emphasis on the common practice period. The course serves to satisfy deficiencies in music theory and does not count toward the graduate degree requirements.

MVB 1211 Applied Trumpet (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVB 1212 Applied French Horn (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVB 1213 Applied Trombone (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVB 1214 Applied Euphonium (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVB 1215 Applied Tuba (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVB 1311 Trumpet Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1312 French Horn Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1313 Trombone Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1314 Euphonium Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1315 Tuba Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1411 Trumpet Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1412 French Horn Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1413 Trombone Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1414 Euphonium Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1415 Tuba Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music

courses are NOT available on S/U basis. Private and class instruction.

MVB 2321 Trumpet Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 2322 French Horn Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 2323 Trombone Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 2324 Euphonium Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 2325 Tuba Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 2421 Trumpet Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 2422 French Horn Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 2423 Trombone Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 2424 Euphonium Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 2425 Tuba Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 3331 Trumpet Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 3332 French Horn Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 3333 Trombone Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 3334 Euphonium Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 3335 Tuba Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 3431 Trumpet Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 3432 French Horn Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 3433 Trombone Major (3) VP MUS

370 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 3434 Euphonium Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 3435 Tuba Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 4341 Trumpet Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 4342 French Horn Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 4343 Trombone Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 4344 Euphonium Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 4345 Tuba Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 4441 Trumpet Major (3) VP MUS

PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 4442 French Horn Major (3) VP MUS

PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 4443 Trombone Major (3) VP MUS

PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 4444 Euphonium Major (3) VP MUS

PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 4445 Tuba Major (3) VP MUS

PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 5251 Applied Trumpet (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVB 5252 Applied French Horn (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVB 5253 Applied Trombone (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVB 5254 Applied Euphonium (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVB 5255 Applied Tuba (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVJ 1210 Applied Jazz Piano (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVJ 1213 Applied Jazz Guitar (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVJ 1214 Applied Jazz Bass (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVJ 1219 Jazz Percussion (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVJ 1310 Applied Jazz Piano Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 1313 Jazz Guitar Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 1314 Jazz Bass Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 1319 Applied Jazz Percussion Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 1410 Applied Jazz Piano Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 1413 Jazz Guitar Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 1414 Jazz Bass Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 2320 Applied Jazz Piano Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 2323 Jazz Guitar Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 2324 Jazz Bass Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 2329 Applied Jazz Percussion Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 2420 Applied Jazz Piano Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 2423 Jazz Guitar Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 2424 Jazz Bass Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 3330 Applied Jazz Piano Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 3333 Jazz Guitar Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 3334 Jazz Bass Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 3339 Applied Jazz Percussion Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 3430 Applied Jazz Piano Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 3433 Jazz Guitar Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 3434 Jazz Bass Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 3439 Applied Jazz Percussion (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 4340 Jazz Piano Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 4343 Jazz Guitar Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 4344 Jazz Bass Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 4349 Jazz Percussion Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 4440 Jazz Piano Major (3) VP MUS

PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 4443 Jazz Guitar Major (3) VP MUS

PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 4444 Jazz Bass Major (3) VP MUS

PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 4449 Jazz Percussion Major (3) VP MUS

PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 4950 Applied Jazz Performance (3) VP MUS

PR: MUT 2642 and DPR. Necessary competency at junior level determined by faculty jury examination. Private and class instruction.

MVJ 5250 Applied Jazz Piano Secondary (2) VP MUS

PR: Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 5252 Applied Jazz Bass Secondary (2) VP MUS

PR: Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 5253 Applied Jazz Guitar Secondary (2) VP MUS

PR: Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 5254 Applied Jazz Bass Secondary (2) VP MUS

PR: Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 5259 Applied Jazz Percussion Secondary (2) VP MUS

PR: Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 5951 Applied Jazz Performance (2) VP MUS

PR: Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVK 1111 Keyboard Skills I (2) VP MUS

PR: DPR. Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 1121 Keyboard Skills II (2) VP MUS

PR: MVK 1111 or DPR. Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 1211 Applied Piano (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVK 1311 Piano Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVK 1411 Piano Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVK 1811 Beginning Piano I (2) VP MUS

Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 1821 Beginning Piano II (2) VP MUS

PR: DPR. Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 2111 Keyboard Skills III (2) VP MUS

PR: MVK 1121 or DPR. Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 2121 Keyboard Skills IV (2) VP MUS

PR: MVK 2111 or DPR. Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 2321 Piano Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only.

372 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Applied music courses are NOT available on S/U basis. Private and class instruction.

MVK 2421 Piano Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVK 3111 Music Majors, Level V (2) VP MUS

PR: DPR. Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 3331 Piano Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVK 3431 Piano Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVK 4341 Piano Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVK 4441 Piano Major (3) VP MUS

PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVK 4640 Piano Pedagogy I (4) VP MUS

PR: DPR. May be elected by undergraduate music majors; emphasis on the business management of the music studio, and the musical responsibilities of the studio teacher, the techniques of private instruction.

MVK 4641 Piano Pedagogy II (4) VP MUS

PR: MVK 4640, DPR. May be elected by undergraduate music majors; emphasis on the business management of the music studio, and the musical responsibilities of the studio teacher, the techniques of private instruction.

MVK 5251 Applied Piano (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVP 1211 Applied Percussion (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVP 1311 Percussion Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVP 1411 Percussion Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVP 2321 Percussion Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVP 2421 Percussion Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVP 3331 Percussion Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVP 3431 Percussion Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVP 4341 Percussion Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only.

Applied music courses are NOT available on S/U basis. Private and class instruction.

MVP 4441 Percussion Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVP 5251 Applied Percussion, Secondary (2) VP MUS

PR: DPR. Necessary competency determined by faculty jury audition. Required registration in major performance ensemble. Required of all applied music majors. Private and class instruction.

MVS 1211 Applied Violin (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVS 1212 Applied Viola (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVS 1213 Applied Violoncello (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVS 1214 Applied Double Bass (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVS 1311 Violin Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 1312 Viola Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 1313 Violoncello Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 1314 Double Bass Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 1411 Violin Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 1412 Viola Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 1413 Cello Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 1414 Double Bass Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 2321 Violin Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 2322 Viola Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only.

Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 2323 Violoncello Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 2324 Double Bass Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 2421 Violin Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 2422 Viola Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 2423 Cello Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 2424 Double Bass Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 3331 Violin Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 3332 Viola Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 3333 Violoncello Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 3334 Double Bass Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 3431 Violin Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 3432 Viola Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 3433 Cello Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 3434 Double Bass Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 4341 Violin Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 4342 Viola Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 4343 Violoncello Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 4344 Double Bass Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only.

Applied music courses are NOT available on S/U basis. Private and class instruction.

MVS 4441 Violin Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 4442 Viola Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 4443 Cello Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 4444 Double Bass Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 5251 Applied Violin (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVS 5252 Applied Viola (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVS 5253 Applied Cello (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVS 5254 Applied Double Bass (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVV 1211 Applied Voice (1) VP MUS

One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVV 1311 Voice Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVV 1411 Voice Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVV 2321 Voice Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVV 2421 Voice Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVV 3331 Voice Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVV 3431 Voice Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVV 4341 Voice Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVV 4441 Voice Major (3) VP MUS

PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVV 5251 Applied Voice (2) VP MUS

374 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVW 1211 Applied Flute (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVW 1212 Applied Oboe (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVW 1213 Applied Clarinet (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVW 1214 Applied Bassoon (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVW 1215 Applied Saxophone (1) VP MUS

PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVW 1311 Flute Principal (2) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1312 Oboe Principal (2) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1313 Clarinet Principal (2) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1314 Bassoon Principal (2) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1315 Saxophone Principal (2) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1411 Flute Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1412 Oboe Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1413 Clarinet Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1414 Bassoon Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1415 Saxophone Major (3) VP MUS

PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music

courses are NOT available on S/U basis. Private and class instruction.

MVW 2321 Flute Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 2322 Oboe Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 2323 Clarinet Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 2324 Bassoon Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 2325 Saxophone Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 2421 Flute Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 2422 Oboe Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 2423 Clarinet Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 2424 Bassoon Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 2425 Saxophone Major (3) VP MUS

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 3331 Flute Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3332 Oboe Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3333 Clarinet Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3334 Bassoon Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3335 Saxophone Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3431 Flute Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 3432 Oboe Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 3433 Clarinet Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 3434 Bassoon Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 3435 Saxophone Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 4341 Flute Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 4342 Oboe Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 4343 Clarinet Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 4344 Bassoon Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 4345 Saxophone Principal (2) VP MUS

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 4441 Flute Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 4442 Oboe Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 4443 Clarinet Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 4444 Bassoon Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 4445 Saxophone Major (3) VP MUS

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 5251 Applied Flute (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVW 5252 Applied Oboe (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVW 5253 Applied Clarinet (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVW 5254 Applied Bassoon (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVW 5255 Applied Saxophone (2) VP MUS

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

NGR 5871 Informatics in Nursing and Healthcare (3) NU NUR

PR: CI. Foundations course with emphasis on essential content and applications in healthcare informatics and clinical systems. Provides understanding of the interdisciplinary issues in medical and nursing informatics and a foundation for those seeking expertise in healthcare informatics. Focus on technologies in healthcare, nomenclatures and classification systems, health care documentation, electronic medical records, and web-based technologies for healthcare.

NSC 1110 Introduction to Naval Science (3) US NCV

Emphasis on the mission, organization, regulations and components of the U.S. Navy and Marine Corps.

NSC 1110L Naval Science Laboratory (0) US NCV

A weekly two-hour laboratory covering professional and military subject matter. Attendance is mandatory for all midshipmen.

NSC 1140 Sea Power and Maritime Affairs (3) US NCV

This course deals with the importance of seapower in historical events, including emphasis on worldwide political-military confrontations following the cold war.

NSC 2121 Naval Ships Systems I (3) US NCV

Types, structures & purpose of naval ships. Hydrodynamic forces, stability, compartmentalization, electrical, & auxiliary systems. Theory of design & operation of steam turbine, gas turbine, & nuclear propulsion plants. Shipboard safety & firefighting.

NSC 2212C Navigation/Naval Operations I: Navigation (3) US NCV

Piloting and celestial navigation theory, principles, and procedures. Tides, currents, weather, use of navigation instruments and equipment, and practicum. Laboratory required.

NSC 2221 Evolution of Warfare (3) US NCV

A survey of military history emphasizing principles of warfare, strategy and tactics, and significant military leaders and organizations.

NSC 2231 Principles of Naval Management I (3) US NCV

Theory and principles of management, focusing on the officer-manager as an organizational decision maker. Includes interpersonal skills, behavior factors, and group dynamics.

NSC 2931 Directed Study in Naval ROTC (1-3) US NCV

PR: Permission of Professor of Naval Science. Intensive individualized study in particular aspects of Naval Science that are not covered in regular course offerings. Enrollment is recommended for NROTC students who are anticipating attending the Naval Science Institute in Newport, RI, during sophomore/ junior summer. Course content and title may vary from term to term.

NSC 3123 Naval Ships Systems II (3) US NCV

PR: NSC 2121. Capabilities and limitations of fire control systems and weapons, radar and underwater sound for target acquisition, threat analysis, tracking, weapons selection, delivery, and guidance. Various aspects of explosives, fusing and Naval ordnance.

NSC 3214C Navigation/Naval Operations II: Seamanship and Ship Operations (3) US NCV

PR: NSC 2212C. International and inland rules of the road; relative motion-vector analysis; ship handling, employment, and tactics, afloat communications; and operations analysis. Laboratory required.

NSC 4224 Amphibious Warfare (3) US NCV

History of amphibious warfare emphasizing doctrine and techniques as well as an understanding of the interrelations of political, strategic, operational, tactical, and technical levels of war from the past.

NSC 4232 Principles of Naval Management II (Leadership and Ethics) (3) US NCV

PR: NSC 2231. Integration of professional competencies and qualities of effective leadership with emphasis on moral and ethical responsibilities, accountability, communications and military law for the junior officer.

NUR 3026 Fundamentals of Nursing Practice and Foundations for Clinical Judgment (4) NU NUR

PR: Admission to the nursing major or CI; CR: NUR 3026L. Fundamentals and foundations of nursing practice. Focus is on developing critical thinking and communication skills when applying concepts of health to meet the basic needs of the individual across the life span from within the context of the family.

NUR 3026L Nursing Fundamentals Clinical (4) NU NUR

PR: Admission to the nursing major or CI; CR: NUR 3026. Fundamentals of clinical nursing practice. Focus on developing effective communication & critical thinking in applying nursing process to meet the basic needs of the individual across the life span.

NUR 3066 Physical Examination and Assessment (2) NU NUR

376 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

PR: Admission to nursing major or CI. Focuses on the techniques of physical assessment and examination of infants, children and adults. Emphasizes assessment phase of nursing process using critical thinking to enable the student to perform evaluations of health status throughout the lifespan.

NUR 3066L Clinical Experience in Health Assessment - RN (1) NUNUR

PR: Admission to nursing major or CI. CR: NUR 3066. Clinical experience on history taking, physical assessment skills basic to biopsychosocial assessment and physical examination of adults and children. Emphasizes diagnostic reasoning and identification of alteration in functional health patterns.

NUR 3076 Fundamentals of Communication and Psycho-social Nursing (2) NU NUR

PR: Admission to the nursing major or CI. Focus on basic communication, interviewing, and psychosocial assessment skills essential for professional nursing practice. Emphasis on developing nurse relationships with individuals across the lifespan within the context of the family.

NUR 3125 Pathophysiology for Nursing Practice (4) NU NUR

PR: Admission to the nursing major or CI. Central concepts of pathophysiology: cells, tissues, organs and systems. Provides essential knowledge base in pathophysiology across the lifespan for professional nursing practice.

NUR 3145 Pharmacology in Nursing Practice (3) NU NUR

PR: Admission to the nursing major or CI. Focus on the basic and clinical concepts of pharmacology in nursing practice. Examines pharmacotherapeutics; pharmacodynamics; pharmacokinetics; adverse reactions and contraindications; therapeutic indications and nursing implications.

NUR 3215 Medical Surgical Nursing I (3) NU NUR

PR: NUR 3026, NUR 3026L, NUR 3066, NUR 3076, NUR 3125, NUR 3215L Focuses on the nursing assessment, prevention, and management of selected health care problems in adults of all ages. Critical thinking is used to analyze the effects of changes in health status and impact of nursing intervention for: patients with alteration in Fluid and Electrolyte Balance, Hematologic System, Cardiovascular System, Pulmonary System, Renal System, Endocrine, Cancer, Multisystem Dysfunction.

NUR 3215L Medical Surgical Nursing Clinical I (4) NU NUR

PR: NUR 3026, NUR 3026L, NUR 3066, NUR 3076, NUR 3125, NUR 3215 Clinical intervention for patients with selected health problems. Emphasize clinical judgment in implementing therapeutic nursing interventions for patients with selected health problems related to specific abnormalities in functional patterns.

NUR 3284C Gerontological Nursing (2) NU NUR

PR: NUR 3113, NUR 3026, NUR 3026L, NUR 3066. Nursing Majors. Focuses on theories of aging and human development; assessment of functional health patterns; and planning health promotion and disease prevention activities with older adults. Critical thinking is used to analyze the effects of interventions on individuals and groups.

NUR 3525 Psychiatric/Mental Health Nursing (3) NU NUR

PR: NUR 3076, NUR 3066, NUR 3125, NUR 3026 and NUR 3026L. CR: NUR 3525L. Explores mind, body, and spirit alterations in functional health patterns experienced by patients with acute and chronic mental illness. Examines psychopathology, psychopharmacologic therapies and community resources and the role of the nurse in psychiatry.

NUR 3525L Psychiatric/Mental Health Nursing Clinical (3) NU NUR

PR: NUR 3076, NUR 3066, NUR 3125, NUR 3026 and NUR 3026L. CR: NUR 3525. Focus on clinical intervention using critical thinking and communication skills with patients who require complex psychiatric rehabilitative care. Opportunities are offered to apply knowledge of psychopathology and psychopharmacologic therapies across the lifespan.

NUR 3805 Education Transitions for Registered Nurses (3) NU NUR

PR: Admission to the nursing major. Transition to professional nursing for the registered nurse, its theoretical perspective and empirical bases and essential skills for success in nursing education. Focus on developing a variety of learning strategies and approaches to academic achievement.

NUR 3826 Ethical Legal Aspects in Nursing and Health Care MW (3) NU NUR

PR: CI. Nursing Majors. Introduction to contemporary bioethical and legal issues confronting health care providers in a variety of settings. Focuses on identification of legal and ethical principles underlying the decision-making process in nursing and health care.

NUR 4091L Accelerated Fundamentals Laboratory (1) NU NUR

Experiences in the fundamental skills of clinical nursing practice. The focus is on applying the nursing process and developing nursing psychomotor skills.

NUR 4092L Accelerated Integrated Clinical I (5) NU NUR

Focus on critical thinking, effective communication and nursing interventions for individuals of all ages in the in-patient and community settings.

NUR 4093L Accelerated Integrated Clinical II (5) NU NUR

Focus on nursing interventions for the patient with physical and mental health problems. Therapeutic communication and clinical judgment to implement nursing interventions with the patient and family.

NUR 4165 Nursing Inquiry (3) NU NUR

PR: Admission to the nursing major or CI. An introductory course in statistics is recommended. An analysis of the research process. Emphasis on identification of researchable nursing problems and evaluations of research that is applicable to nursing practice. Focus on evidence-based practice for nursing.

NUR 4194 An Interdisciplinary Perspective in HIV Disease 6A MW LW (3) NU NUR

Provides an interdisciplinary perspective on HIV disease. Topics include the etiology, spectrum, and treatment of HIV disease; international perspectives; issues of race, gender, and ethnicity; values, ethics, and their influences on responses to HIV; and how the media has shaped the epidemic.

NUR 4216 Medical Surgical Nursing II (4) NU NUR

PR: NUR 3215, NUR 3215L, NUR 3145. CR: NUR 4216L. Focus on the nursing assessment, prevention, and management of multiple health care problems. Critical thinking is used to analyze the effects of changes in health status and the impact of nursing intervention for patients with alterations in Visual and Auditory systems, Neurological systems, Musculoskeletal systems, Gastrointestinal systems, and Reproductive systems.

NUR 4216L Medical Surgical Nursing Clinical II (5) NU NUR

PR: NUR 3215, NUR 3215L, NUR 3145. CR: NUR 4216. Clinical intervention for patients with selected health problems. Emphasizes clinical judgment in implementing therapeutic nursing interventions for patients with complex health problems related to alterations in multiple functional health patterns.

NUR 4257 Critical Care (2) NU NUR

PR: Nursing Majors or CI. Basic concepts of critical care nursing, focusing on selected health problems to analyze the affects of changes in health status.

NUR 4355 Child and Adolescent Health Nursing (3) NU NUR

PR: NUR 4216, NUR 4216L. CR: NUR 4635L, NUR 4636, NUR 4455. Nursing care of children and adolescent in the context of the family. Focus on health promotion, risk factor identification, disease prevention, and health restoration in children and adolescents.

NUR 4455 Women's Health Nursing (2) NU NUR

PR: NUR 4216, NUR 4216L. CR: NUR 4635L, NUR 4636, NUR 4355. Focus on health promotion, identification of risk factors, illness care, and health restoration related to the physiological and psychological changes occurring during a woman's life cycle including pregnancy.

NUR 4635L Integrated Nursing Clinical: Community/Public Health, Children and Adolescent Health, and Women's Health (7) NU NUR

PR: NUR 4216, NUR 4216L. CR: NUR 4455, NUR 4636, NUR 4355. Provides clinical learning experiences in diverse community and hospital settings. Focuses on nursing care designed to prevent and/or reduce risk of disease and injury, promote health and wellness, and treat illness and injury in children, adolescents, adults and families, and diverse community populations across the age spectrum.

NUR 4636 Community/Public Health: Population-Focused Nursing (3) NU NUR

PR: NUR 4216, NUR 4216L or CI. In-depth examination of community health nursing, public health, epidemiology, culture, and environment essential to preventing illness and injury and promoting and preserving health among diverse populations at risk.

NUR 4636L Community/Public Health Nursing Clinical for the RN (3) NU NUR

CR: NUR 4636 or CI. Provides clinical learning experiences in community-based sites in both urban and rural settings. Focus on nursing care designed to prevent and/or reduce risk of disease and injury, and promote health and wellness to diverse populations across the age spectrum.

NUR 4643 Nursing Interventions into the Acute Effects of Drug and Alcohol Abuse (2) NU NUR

- Focuses on the assessment and treatment of individuals and families who are in the acute phases of addiction. Emphasis will be placed on treatment outcomes for designated populations with consideration for cultural, socioeconomic, political and ethical/legal factors.
- NUR 4644 Nursing Interventions into the Rehabilitation of Clients who Abuse Substance (2) NU NUR**
Focuses on models of treatment and interventions for clients and families who are in the rehabilitation and relapse prevention phases of treatment for addictions. Emphasis will be placed on rehabilitation outcomes for designated populations with consideration for criminal socioeconomic, political and legal/ethical factors.
- NUR 4645 Substance Abuse Across the Lifespan 6A MW LW (3) NU NUR**
Introduction to concepts of substance abuse and theories of addiction. The applicability of theories and concepts to clinical assessment, diagnosis and intervention with client populations across the lifespan is explored.
- NUR 4655 Culture In Nursing Practice (2) NU NUR**
PR: CI. Nursing Majors. Introduces knowledge and skills needed to give culturally congruent nursing care to people from diverse cultural groups. Compares and analyzes health-related practices, values, beliefs among major cultural groups.
- NUR 4696 Occupational Health Nursing (2) NU NUR**
Focuses on the historical, legal, cultural, scientific, and professional foundations of occupational and environmental health nursing; the occupational health nurse role in the delivery of health services to workers and worker aggregates; business, social, economic, and legal forces influencing that role; standards and characteristics of practice; and settings for occupational health nursing practice.
- NUR 4755C Rehabilitation Across the Life Span (2) NU NUR**
PR: Nursing Majors or CI. Basic concepts of rehabilitation related to human responses. Analysis of the changes in health status and nursing implications.
- NUR 4838 Leadership and Management in Professional Nursing Practice (3) NU NUR**
PR: NUR 4455, NUR 4355, NUR 4636, NUR 4636L or CI. Principles of nursing leadership and management with an emphasis on decision-making, priority setting, delegating, and managing nursing care. Focus on preparation of the professional nurse to work collaboratively in the interdisciplinary health care environment. Clinical experience for registered nurse students will be designed to build upon a practice background.
- NUR 4895 Educational Role of the Nurse in Healthcare (3) NU NUR**
This course provides the learner with an opportunity to gain knowledge and skills to facilitate the teaching role of the nurse.
- NUR 4905C Independent Study (1-5) NU NUR**
PR: Permission of faculty. Open to majors and non-majors. Individual or group investigation of problems relevant to the health of individuals or groups. Project requirements individually planned with faculty preceptor.
- NUR 4930 Registered Nurse First Assistant Course (3) NU NUR**
PR: CI. This course will provide a foundation of knowledge and technical skills necessary for the experienced perioperative registered nurse to function in the role of registered nurse first assistant (RNFA).
- NUR 4935 Selected Topics In Nursing (1-8) NU NUR**
PR: Junior or senior standing or permission of faculty. Content will depend upon student demand and faculty interest and may focus on any area relevant to nursing practice. May involve class, seminar, and/or clinical laboratory.
- NUR 4940 Internship for the Registered Nurse First Assistant (4) NU NUR**
PR: CI. This course provides 120 hours of clinical experiences in the roles and responsibilities and technical skills required of the registered nurse first assistant (RNFA).
- NUR 4948L Preceptorship (6) NU NUR**
PR: NUR 4216, NUR 4355, NUR 4455, NUR 4636, NUR 4635L. Individually contracted 150 hours of clinical practicum collaboratively planned by students, faculty, and agency personnel. Opportunity to synthesize theory and clinical practice for professional nursing.
- OCE 2001 Introduction to Oceanography NS (3) MS MSC**
Overview of biological, chemical, geological, and physical oceanography. Also listed under Geology.
- OCE 4930 Selected Topics in Marine Science (1-4) MS MSC**
Selected topics in the marine sciences including marine biology, marine chemistry, marine geology and geophysics, physical oceanography, and interdisciplinary topics relating to marine environments.
- ORI 2000 Introduction to Communication As Performance (3) AS SPE**
Designed to develop proficiency in the understanding and oral communication of literary and other written materials.
- ORI 3950 Communication As Performance Laboratory (1-3) AS SPE**
PR: ORI 2000 or CI. The study, rehearsal, and performance of literature for Readers Theatre and Chamber Theatre productions.
- ORI 4120 Performance of Poetry (3) AS SPE**
PR: ORI 2000 or CI. Critical appreciation of lyric and narrative poetry and communication of that appreciation to audience. Study of poetic theory and prosodic techniques.
- ORI 4310 Group Performance of Literature (3) AS SPE**
PR: ORI 2000 or CI. Designed to introduce the student to and give experience in various forms of group approaches to performance.
- ORI 4931 Performance and Video (3) AS SPE**
PR: ORI 2000. CR: ORI 3950. This course features adaptation, direction, and performance of literature for video productions.
- ORI 5930 Topics in Performance Genres (3) AS SPE**
Variable topics course.
- PAD 3003 Introduction to Public Administration SS (3) AS PAD**
Examination of organizational behavior and change, policy process, public management, financial administration, and personnel management from the perspective of public and social delivery.
- PAD 4144 Nonprofit Organizations and Public Policy 6A MW (3) AS PAD**
Role and importance of third sector (voluntary) organizations in American society; focus on public policy through service in a voluntary organization.
- PAD 4204 Public Financial Administration (3) AS PAD**
Analysis of problems in the growth and development of public budgetary theory and Federal budgetary innovations.
- PAD 4419 Personnel & Supervision in Today's Organizations (3) AS PAD**
Introduces students to concepts, principles and practices of personnel management and supervision that influence the attainment of desired performance goals in today's public and not-for profit organizations. Course participants will explore issues that influence the successful management of human resources in dynamic employment settings.
- PAD 4712 Managing Information Resources in the Public Sector (3) AS PAD**
Introduces students to the fundamental concepts, theories, principles and practices in public information management. Internet access is required.
- PAD 4930 Selected Topics in Public Administration and Public Policy (3) AS PAD**
Selected issues and topics in Public Administration and Public Policy with course content based on student demand and instructor's interest. May be repeated for up to 6 credits as topics vary.
- PAD 5035 Issues in Public Administration and Public Policy (3) AS PAD**
Sr. & GS only. Selected issues and topics in Public Administration and Public Policy.
- PAD 5044 Environment of Public Administration (3) AS PAD**
Examination of the legal, political, and ethical environment in which public managers work.
- PAD 5333 Concepts and Issues in Public Planning (3) AS PAD**
PR: URP 4050 or URP 6056, GS or Sr. Analysis of basic concepts, issues, and strategies of planning, policy determination, collection of information, and decision-making.
- PAD 5605 Administrative Law and Regulation (3) AS PAD**
An examination of the constitutional and statutory base and limitations of the administrative process, administrative adjudication, rule-making, and the judicial review of such actions. An examination of the Constitutional and statutory base and limitations of the administrative process, administrative adjudication, rule-making, and the judicial review of such actions. Attention is also directed to regulatory commissions, their functions, powers, management and relationship with other branches of government.
- PAD 5700 Research Methods in Public Administration (3) AS PAD**
This course provides the student with the fundamental skills and knowledge of how research is designed, implemented, analyzed, and utilized in public sector agencies. Available to majors and non-majors.

378 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

PAD 5807 Urban and Local Government Administration (3) AS PAD

GS or Sr. Analysis of the role of the administrator at the municipal level, the division of functions, policy formation, alternative governmental structures, effects on the administrative process.

PAD 5836 Comparative Public Administration (3) AS PAD

GS or Sr. How organizations and managers perform within a particular environment, potential impact of innovation, and how service is accomplished in a variety of socio-economic environments.

PCB 1511 Molecular and Human Genetics (3) US DEA

PR: Acceptance in USF-Hillsborough County Biomedical and Life Science Program. Molecular genetics with applications to biomedical science; genetic engineering; chromosomes, their molecular architecture, abnormalities, and other topics. Laboratory included.

PCB 1910 Topics in Biomedical Science (3) US DEA

PR: Acceptance in USF-Hillsborough County Biomedical and Life Science Program. Designed to initiate high school students to the fundamentals of scientific research. Students are given lectures and perform laboratory exercises in pathogenic microbiology, immunology, marine biology, and plant biochemistry. Most of their time is spent working on individual research projects.

PCB 3023 Cell Biology (3) AS BIO

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, CHM 2045, CHM 2045L, CHM 2046, CHM 2046L. A discussion of the concept and significance of the cell to biology; biological molecules and metabolic processes within the cell; cellular energy conversion systems; and control of cellular metabolism. Lec.

PCB 3023L Cell Biology Laboratory (1) AS BIO

CP: PCB 3023. Laboratory portion of Cell Biology. Metabolic processes within the cell.

PCB 3043 Principles of Ecology (3) AS BIO

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, CHM 2045, CHM 2045L, CHM 2046, CHM 2046L. An introduction to the basic principles and concepts of ecology at the ecosystem, community, and population level of organization. Lec.

PCB 3043L Principles of Ecology Laboratory (1) AS BIO

CP: PCB 3043. Laboratory portion of PCB 3043, Principles of Ecology.

PCB 3063 General Genetics (3) AS BIO

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, CHM 2045, CHM 2045L, CHM 2046, CHM 2046L. Introduction to genetics including the fundamental concepts of Mendelian, molecular and population genetics. Lec.-dis.

PCB 3063L General Genetics Laboratory (1) AS BIO

CP: PCB 3063. Laboratory investigation techniques in general genetics including Mendelian and non-Mendelian relationships, and gene interactions.

PCB 3714 General Physiology (3) AS BIO

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L and CHM 2045, CHM 2046 and MAC 1105 or higher-level MAC course or STA 2023. Comparative analysis of animal structure and function: organ systems and activities of body tissue and organs. Functional responses of plants to both internal and environmental signals lecture only.

PCB 3714L General Physiology Laboratory (1) AS BIO

PR: PCB 3714L Laboratory portion of General Physiology.

PCB 4522C Experimental Genetics (3) AS BIO

Experimental analysis of genetic systems. Lec-Lab.

PCB 4674 Organic Evolution (3) AS BIO

PR: PCB 3063. An introduction to modern evolutionary theory. Lecture on population genetics, adaptations, speciation theory, phylogeny, human evolution and related areas. Lec.-dis.

PCB 4723 Animal Physiology (3) AS BIO

PR: PCB 3023, PCB 3043, PCB 3063 or ZOO 3323 and CHM 2211. Advanced presentation of mechanisms employed by animals to interact with their environment and to maintain their organization. Lec.

PCB 4723L Animal Physiology Laboratory (1) AS BIO

CR: PCB 4723. Laboratory portion of Animal Physiology.

PCB 5235 Principles of Immunology (3) AS BIO

PR: PCB 3023 or MCB 3020C, CI. Course will emphasize the biological principles involved in the vertebrate immune response. It will present the homeostatic, defense, and detrimental aspects of the immune system in terms of basic cellular and molecular mechanisms. Techniques will be described to familiarize the student with the types of immunological tools available to the cellular and molecular biologist.

PCB 5256 Developmental Biology (5) AS BIO

PR: PCB 3023, CI. Topics in modern developmental biology to be covered in lecture and through readings so as to gain a working

knowledge and understanding of the cellular and molecular mechanisms of cell differentiation in both plants and animals.

PCB 5307 Limnology (3) AS BIO

PR: PCB 3043, CHM 2046, PHY 2053, CI. An introduction to the physical, chemical, and biological nature of fresh-water environments. Lec.

PCB 5307L Limnology Laboratory (1) AS BIO

PR: CI, CP: PCB 5307. Laboratory portion of Limnology. Laboratory and field experience in the area of aquatic ecology.

PCB 5415 Behavioral Ecology (3) AS BIO

PR: PCB 3043 or PCB 4674, CI. An emphasis on the evolutionary mechanisms that influence an organisms behavioral responses to environmental events. The theoretical framework is presented and analyzed.

PCB 5525 Molecular Genetics (3) AS BIO

PR: PCB 3063, CI. Detailed examination of DNA, RNA and protein synthesis; the effects of mutations on proteins, cellular control; selected aspects of viral, bacterial, and fungal genetics.

PCB 5835 Neurophysiology (3) AS BIO

PR: CI. A comparative analysis of the physiochemical basis and evolution of nervous systems and sensory mechanisms.

PCB 5845C Principles of Neuroscience (4) AS BIO

PR: PCB 4723, CI. Study of the mammalian brain's structure and function, with an emphasis on the neuroanatomy, neuropharmacology, and neurophysiology of the human brain. Topics include brain imaging, dementia, and mechanisms of learning/memory. Brain research techniques are also discussed, as are basic neuropathological processes that result in abnormal brain function.

PEL 1121 Golf I (2) ED EDJ

S/U only. Introductory experience in the sport of golf. Fundamental skills, information, strategy, and participation.

PEL 1341 Tennis I (2) ED EDJ

S/U only. Introductory experiences in the sport of tennis. Basic skills, playing strategies, lecture, demonstration, and participation.

PEL 2122 Golf II (2) ED EDJ

S/U only. Continuation of PEL 1121. Emphasis on course play and refinement of strokes.

PEL 2342 Tennis II (2) ED EDJ

S/U only. Continuation of PEL 1314L. Refinement of basic skills, supplementary strokes, greater emphasis on tactics and playing strategies.

PEL 2441 Racquetball (2) ED EDJ

S/U only. Development and refinement of the skills and strategies of racquetball with opportunity for competition and tournament play.

PEM 2131 Weight Training (2) ED EDJ

S/U only. Knowledge and techniques necessary for increasing muscle function. Assessment of status and development of a personal program.

PEM 2441 Karate (2) ED EDJ

S/U only. Introductory experiences in the sport of Karate. Fundamental skills, strategy, information, and participation.

PEM 2930 Selected Topics (1-2) ED EDJ

S/U only. DPR. Activities offered are selected to reflect student need and faculty interest.

PEN 1121 Swimming I (2) ED EDJ

S/U only. Development and refinement of the essential skills and information necessary for enjoying swimming. Emphasis on personal safety.

PEN 2113 Lifeguard Training (2) ED EDJ

PR: PEN 2122 or equivalent. S/U only. Knowledge and skills necessary for saving the lives of others in the event of aquatic emergency. ARC certification offered.

PEN 2136 Skin & Scuba Diving (2) ED EDJ

PR: PEN 2172 or equivalent. S/U only. Development of the essential skills and knowledge necessary for enjoying the sport of Skin & Scuba Diving. Correct utilization and care of equipment; emphasis on personal safety.

PEP 3940 Practicum in Health Promotion/Wellness (4) ED EDP

PR: Completion of Semesters I and II and admission to the College of Education. S/U only. Practical experience as a professional in a community or worksite health promotion or wellness program.

PEP 3951 Communication Skills For Wellness Leaders (3) ED EDP

Wellness majors only. Designed to develop knowledge and skills in communication and counseling that is specific to wellness and health promotion.

PEQ 3170 Aquatic Exercise (2) ED EDP

An instructor training course in aquatic exercise. Focuses on teaching aerobic, strength, flexibility, and weight control exercises performed in swimming pools. Open to non-majors.

PET 2622C Care and Prevention of Physical Injuries (3) ED EDP
DPR. Principles and techniques of conditioning athletes for competition; prevention and care of injuries in physical education and athletic activities.

PET 3012 Professional Development in Physical Education I (1) EDEDP

PR: CC. This is the first of a two course sequence of orientation and socialization into the profession and is intended to develop dispositions necessary for successful professional practice.

PET 3013 Professional Development in Physical Education II (1) EDEDP

PR: PET 3012. This is the second of a two-course sequence of orientation and socialization into the profession and is intended to develop dispositions necessary for successful professional practice.

PET 3031 Motor Behavior (3) ED EDP

PR: CC. Study of the assessment, evaluation and motor development performance of children and adolescents and application of principles of motor skills acquisition in physical education instruction. Open to non-majors.

PET 3080 Survey of Wellness Program (3) ED EDP

Wellness majors only. An analysis of various types of wellness programs in the public and private sector including community-based programs, commercial health and fitness enterprises, government-based programs, corporate-based programs, and hospital health and fitness centers.

PET 3252 Issues in Sport MW (3) ED EDP

PR: Junior, Senior standing. A study of organized sport as a pervasive part of contemporary society. By increasing understanding of some of the issues and controversies based in the structure of sport and society, individuals will be able to understand and improve sport experiences for themselves and others.

PET 3310 Kinesiology (3) ED EDP

A study of the structure and function of the skeletal and muscular systems and of mechanical principles related to psychomotor performance. Open to non-majors.

PET 3351 Exercise Physiology I (3) ED EDP

A study of the effects of physical activity on the body. Topics include acute and chronic adaptation of the cardiovascular, muscular, metabolic, hormonal, and energy systems to exercise. Open to non-majors.

PET 3421 Curriculum and Instruction in Physical Education (3) EDEDP

Physical Education majors only. Development of knowledge and skills related to the instruction process of physical education. Preparation of materials and planning instruction.

PET 3441 Instructional Design and Content: Middle School Physical Education (3) ED EDP

Physical Education majors only. The development of physical education content and instructional practices for middle school students. The focus is upon matching appropriate content and learning experiences to the unique needs of the pre- and early adolescent learner.

PET 3617C Orthopaedic Physical Assessment I (Upper Extremity) (3) ED EDP

Athletic Training majors only. The study and practice of techniques used when assessing athletic injuries to the upper extremity, head and spine.

PET 3618C Orthopaedic Physical Assessment II (Lower Extremity) (3) ED EDP

Athletic Training majors only. The study and practice of techniques used when assessing athletic injuries to the lower extremity, hip, pelvis and gait.

PET 3621C Athletic Training Techniques (3) ED EDP

Athletic Training majors only. Overview course including basic components of the athletic training profession including the prevention, recognition and evaluation and immediate care of athletic injuries. Medical terminology, emergency procedures, and taping procedures will be covered.

PET 3630C Techniques in Therapeutic Exercise (3) ED EDP

Athletic Training majors only. Theory and practical applications of therapeutic exercise and movement science. Includes techniques in Feldenkrais movement patterns, aquatic exercise, lifting protocols, plyometric training, isokinetic testing, stability ball training, and a variety of common exercise equipment.

PET 3640 Adapted Physical Education (3) ED EDP

Physical Education majors only. A study of characteristics, programming needs and teaching of physical education for students with disabilities.

PET 3660 Athletic Training Administration and Policy (3) ED EDP

Athletic Training majors only. Analysis and application of organizational skills and administrative structure of the athletic training profession, including current theory about budget management, medical record keeping, drug testing, facility design and maintenance, legal aspects of sports medicine, athletic physical examinations, medical ethics, current educational concepts, and administrative policy.

PET 3670L Clinical Instruction in Athletic Training I (3) ED EDP

Athletic Training majors only. Observation and performance of basic athletic training skills under the direct supervision of an NATABOC certified/state licensed athletic trainer. This course provides students with the opportunity to develop competence in a variety of introductory athletic training skills. Clinical experiences are obtained in the university's sports medicine facilities and will be accompanied by a one-hour seminar each week.

PET 3671L Clinical Instruction in Athletic Training II (3) ED EDP

PR: PET 3670L. Athletic Training majors only. Continuation of clinical experience utilizing new skills under the direction of an NATABOC certified/state licensed athletic trainer. This course provides students with the opportunity to develop competence in a variety of introductory and mid-level athletic training skills. Clinical experiences are obtained in the university's sports medicine facilities and/or approved affiliates and will be accompanied by a one-hour seminar each week.

PET 3931 Selected Topics (1-3) ED EDJ

DPR. Topics offered are selected to reflect student need and faculty interest.

PET 4141 Trends and Tasks- Elementary Physical Education (3) EDEDP

Taken concurrently with PET 4942 Physical Education Internship: Elementary. Physical Education Majors only. Current trends are evaluated from a historical and philosophical perspective. Non-teaching tasks are identified as part of the professional role. Evaluate and continue personal-professional development plan developed in previous semesters.

PET 4142 Trends and Tasks - Secondary Physical Education (1) EDEDP

Taken concurrently with PET 4944 Physical Education Internship: Secondary. Physical Education Majors only. Current trends are evaluated from a historical and philosophical perspective. Non-teaching tasks are identified as part of the professional role. Evaluate and continue personal-professional development plan developed in previous semesters.

PET 4304 Principles and Issues in Coaching (3) ED EDP

Physical Education majors only. The application of principles from philosophy, psychology, sociology, and physiology to competitive athletics and coaching.

PET 4353 Exercise Physiology II (3) ED EDP

PR: PET 3351. A study of Exercise Physiology focusing on the adult. Includes specific populations such as the obese, heart patients, arthritis, elderly, and high performance athletes. Open to non-majors.

PET 4384 Health-Fitness Appraisal & Exercise Prescription (3) EDEDP

PR: PET 3351. Techniques in conducting health-fitness test and exercise prescription for adults. Includes cardiovascular strength, flexibility, body composition, health risk testing, exercise prescribing, and monitoring. Open to non-majors.

PET 4401 Class Management, Safety, Ethics, Law, and Organization and Administration of Physical Education (3) EDEDP

Physical Education majors only. This course will examine the various classroom management approaches, professional ethics, school law, safety, and the organization and administration of physical education programs.

PET 4404 Organization & Administration of Wellness Programs (3) EDEDP

Wellness majors only. Design and implementation of various types of wellness programs with emphasis on assessment and evaluation, management, staffing, participant adherence, program design, budgeting, legal liability, and marketing.

PET 4432 Instructional Design and Content: Physical Education Elementary (3) ED EDP

Physical Education majors only. This is the first in a two-course sequence in which students study movement forms and instructional processes suitable for elementary age students. Majors only.

PET 4433 Instructional Design and Content: Physical Education Elementary II (3) ED EDP

Physical Education majors only. This course prepares students to select, plan, conduct complex movement experiences for students K-6.

PET 4442 Instructional Design and Content: Physical Education Secondary (3) ED EDP

Physical Education majors only. Development of knowledge and skills related to the teaching of selected movement activities such as team sports, gymnastics, and physical fitness. Focus is on understanding mechanical principles utilized within those activities as well as on instructional progression and the preparation of materials for instruction at the secondary school level.

PET 4625 Advanced Athletic Training (3) ED EDP

PR: PET 3617C and PET 3618C. Athletic Training majors only. Advanced techniques in athletic training including orthopedic assessment, casting and bracing and imaging techniques.

PET 4627 General Medical Conditions in the Athlete (3) ED EDP

PR: PET 3617C and PET 3618C. Advanced theory of pathology in injury, management of tissue and bone healing environments, disease, internal illness and injury and other general medical conditions. Issues related to radiology and pharmacology are also discussed.

PET 4632C Therapeutic Modalities (3) ED EDP

Athletic Training majors only. This course provides an introduction to the theoretical and practical applications of modalities for the prevention, management and rehabilitation of physically active individuals. Concepts pertaining to the use of pharmacology, thermotherapy, cryotherapy, electrical stimulation, hydrotherapy, fluidotherapy, ultrasound, biofeedback and manual techniques will be emphasized.

PET 4633C Therapeutic Rehabilitation (3) ED EDP

Athletic Training majors only. Theories and applications methods of comprehensive therapeutic treatment and rehabilitation programs for injuries commonly sustained by the physically active.

PET 4672L Clinical Practice in Athletic Training (3) ED EDP

Athletic Training majors only. Continuation of clinical experience utilizing new skills under the direction of an NATABOC certified/state licensed athletic trainer accompanied by a one-hour seminar each week. This course provides students with the opportunity to develop competence in a variety of mid-level and advanced athletic training skills. Students may be assigned to a USF athletic team and/or one or more off-campus clinical affiliations. Students at this level will develop instruction skills by acting as peer-supervisors for level I and II students.

PET 4673L Clinical Practice in Athletic Training II (3) ED EDP

Athletic Training majors only. Continuation of clinical experience utilizing new skills under the direction of an NATABOC certified/state licensed athletic trainer accompanied by a one-hour seminar each week. This course provides students with the opportunity to develop competence in a variety of mid-level and advanced athletic training skills. Students may be assigned to a USF athletic team and/or one or more off-campus clinical affiliations. Students at this level will develop instruction skills by acting as peer-supervisors for level I, II and III students.

PET 4905 Independent Study: Professional Physical Education (1-4) ED EDP

PR: DPR. S/U only. Specialized independent study determined by the student's needs and interests.

PET 4933 Seminar in Sports Medicine 6A LW (3) ED EDP

PR: PET 3617C and PET 3618C. The advanced study, writing, and discussion of topics and issues related to the field of athletic training. Emphasis is on professional preparation, credentialing, governance, ethics, and scope of practice. Employment issues will also be studied.

PET 4935 Case Studies in Athletic Health Care (3) ED EDP

Athletic Training majors only. Capstone course intended to provide a unifying opportunity to utilize concepts, principles and skills learned from other athletic training courses.

PET 4942 Physical Education Pre-Internship: Elementary (3) EDEDP

PR: CC. A part-time internship in elementary school physical education. Focus on the nature of the total elementary school curriculum, characteristics of students, and application of appropriate content and instructional competencies.

PET 4944 Physical Education Pre-Internship: Secondary (3) ED EDP

CC. A part time internship in middle or high school level physical education with focus on the relationship of physical education to the needs of the adolescent and the implementation of appropriate content and methodology.

PET 4946 Internship in Physical Education: Elementary (6) ED EDP

CC. A full-time internship in the elementary school in which the student undertakes the full range of teaching responsibilities in elementary physical education.

PET 4947 Internship in Physical Education: Secondary (6) ED EDP

S/U only. Physical Education majors only. A full-day internship in middle, junior or senior high school physical education programs with focus on the implementation of appropriate content and methodology to meet the needs of secondary students.

PGY 2110C Color Photography (3) VP ART

Development of knowledge and skills of color photography for publication and presentation. Emphasis is on the use of transparency and negative color materials in their application to the media.

PGY 2401C Beginning Photography (3) VP ART

Introduction to the expressive possibilities of photographic media. Projects and assignments will introduce students to both traditional and experimental ways of working with light-sensitive materials with an emphasis on the interdependence of form, technique, and concept. The course will also provide an overview of significant trends and directions in contemporary art photography.

PGY 3001 Photography in American Culture (3) AS AMS

A survey of photography as an art and a craft in America since the mid-nineteenth century. Attention devoted to technological innovations, leading personalities, major movements, and memorable icons. Open to majors and non-majors.

PGY 3410C Intermediate Photography (3) VP ART

PR: ART 2201C, ART 2203C, ART 2301C, ART 3310C, ARH 2050, ARH 2051, PGY 2401C. A mid level course expanding the student's visual and technical skills while establishing the beginning of a personal artistic direction. Repeatable up to 9 hours.

PGY 3610C Photojournalism I (3) AS COM

PR: MMC 2100 and MMC 3602. Laboratory required. Fundamentals of news and feature photography. Camera operation, picture composition, darkroom techniques, editing in digital format with introduction to software applications. History, ethics and law of photojournalism.

PGY 3620 Photojournalism II (3) AS COM

PR: PGY 3610C. Laboratory required. Advanced process and practice of photography for publication.

PGY 3801C Digital Media I (3) VP ART

Restricted to majors. This course builds upon the concepts introduced in Introduction to Multimedia Systems and focuses upon digital photographic creation and editing.

PGY 3930C Special Topics: Photography (3) VP ART

PR: PGY 3410C. A mid-level course expanding the student's visual and technical skills while establishing the beginning of a personal artistic direction by exposing the student to new ideas, technical skills and genres, including, but not limited to: color photography, digital photography, non-silver and documentary photography. Repeatable up to 9 hours.

PGY 4420C Advanced Photography (3) VP ART

PR: PGY 3410C (3 cr.), PGY 3930C (6 cr.) and a 3.25 major GPA. Majors only. Continued problems in photography. May be repeated.

PGY 4802C Digital Media II (3) VP ART

Restricted to majors. This course builds upon the concepts introduced in Digital Media I and focuses upon digital photographic, web and digital video creation.

PGY 5425C Art Photography III (4) VP ART

PR: CI. Advanced work in photography and related media leading to development of personal/expressive statements.

PHC 4542 Stress, Health and College Life (3) PH CFH

The purpose of this course is to examine the relationship between stress, as a multi-causal concept, health and disease. Focus areas include: the historical evolution and current theories of stress as they relate to types of stressors, physiological reactions and predisposition to disease, and techniques related to the recognition and prevention of an unhealthy level of stress.

PHH 2000 Introduction to Philosophy 6A HP (3) AS PHI

An introduction to selected philosophical problems and traditions.

PHH 3062 History of Philosophy: Ancient and Medieval (3) AS PHI

A survey of Western philosophy from the pre-Socratics to the end of the Middle Ages.

PHH 3420 History of Philosophy: Modern (3) AS PHI

A survey of Western philosophy from the end of the Middle Ages to the nineteenth century.

PHH 4440 Continental Philosophy (3) AS PHI

A study of developments in post-Kantian European philosophy.

PHH 4600 Contemporary Philosophy 6A MW (3) AS PHI

Selected schools of twentieth century thought such as idealism, positivism, pragmatism, realism, and existentialism.

PHH 4700 American Philosophy 6A MW (3) AS PHI

Major traditions in American thought, Puritanism, the Enlightenment, Transcendentalism, Idealism, Pragmatism, and Analytic Philosophy in relation to American culture.

PHH 4820 Chinese Philosophy (3) AS PHI

A survey of Confucianism, Taoism and other aspects of Chinese thought. The course is available to both majors and non-majors and does not have laboratory sections associated with it.

PHI 1103 Critical Thinking SS (3) AS PHI

Methods of thinking that lead to reliable conclusions, with emphasis on concrete cases in ordinary thinking and the sciences.

PHI 1401 Science and Society 6A NS SS (3) AS PHI

This class teaches students to become a better "Scientific Citizen," i.e. to be able to better understand and participate in the process by which we come to conclusions about the natural and social world that matter to us as a society.

PHI 1600 Introduction to Ethics HP SS (3) AS PHI

A study of ethical theories, concepts, problems and methods.

PHI 2101 Introduction to Formal Logic 6A QM (3) AS PHI

An elementary study of prepositional, predicate, class and syllogistic logic with some attention to basic problems of logical theory.

PHI 2630 Contemporary Moral Issues SS (3) AS PHI

Open to all students. A study of contemporary moral issues concerning racism, sex, sexism, abortion, poverty, crime, war, suicide, and human rights in general.

PHI 2631 Ethics and Business SS (3) AS PHI

An application of traditional ethical theories to contemporary problems in business.

PHI 3404 Philosophy of Science (3) AS PHI

How is science different from other methods of inquiry about the world? What distinguishes science from pseudoscience? From religion? How we do test scientific theories? What are the factors that lead scientists to accept a theory?

PHI 3633 Biomedical Ethics (3) AS PHI

This course will focus on the ethical issues arising from advances in medical practice, delivery of health care, and scientific research.

PHI 3636 Professional Ethics (3) AS PHI

An examination of the ethical problems that professionals will face in the complex, global society of the next few decades: confidentiality, divided loyalty, racism/sexism, etc.

PHI 3640 Environmental Ethics SS (3) AS PHI

A study of alternative theories of environmental ethics, including the application of these theories to contemporary environmental problems, such as pollution, resource depletion, species extinction, and land use.

PHI 3700 Philosophy of Religion 6A SS (3) AS PHI

Analysis of religious experience and activity and examination of principal religious ideas in light of modern philosophy.

PHI 3905 Directed Study (1-4) AS PHI

PR: CI. Approval slip from instructor required. Individual study directed by a faculty member.

PHI 3930 Selected Topics (1-4) AS PHI

PR: CI. Selected topics according to the needs of the student.

PHI 4073 African Philosophy MW (3) AS PHI

A descriptive and analytical study of African philosophical thought, featuring reflective comparisons of African and Western categories of thought.

PHI 4300 Theory of Knowledge 6A MW (3) AS PHI

An examination of human knowledge; its scope and limits, and an evaluation of evidence, criteria of truth, the nature of belief, conditions for meaningfulness, theories of perception, and a study of memory and sense perception in the four major fields of nature, history, personal experience, and the a priori.

PHI 4320 Philosophy of Mind 6A MW (3) AS PHI

A study of historical and current issues in philosophy of mind, including the nature and status of mind, mind/body dualism, the relationship of mind and body, the problems of other minds, the physical basis for intelligence.

PHI 4632 Feminist Ethics MW (3) AS PHI

A study of the varied approaches to moral reasoning taken by feminist ethical writers such as Wollstonecraft, Mill, Gilligan, Daly, Hoagland and others.

PHI 4670 Contemporary Ethical Theory (3) AS PHI

A survey of contemporary ethical theory, focusing both on the literature about the status of ethical theorizing—moral scepticism, moral nihilism, narrative ethics—and on specific types of

theories—deontological theories, consequentialist theories, rights-based theories, virtue theories.

PHI 4800 Aesthetics 6A MW (3) AS PHI

A study of traditional and contemporary aesthetic theories with emphasis on creative process, the nature of the art work, the aesthetic response, expressiveness, form and content, as well as art and morality.

PHI 4905 Directed Study (1-4) AS PHI

PR: CI. Approval slip from instructor required. Individual study directed by a faculty member.

PHI 4930 Selected Topics (1-3) AS PHI

PR: CI. Approval slip from instructor required. Selected topics according to the needs of the senior students.

PHI 5135 Symbolic Logic (3) AS PHI

PR: PHI 2100 or CI. Study of topics such as the following: Metatheory of propositional and predicate logic, related metatheoretic results, alternative logic.

PHI 5225 Philosophy of Language (3) AS PHI

PR: Eight hours of philosophy, major in linguistics, or CI. An examination of semantically, syntactical, and functional theories of language with special attention given to the problems of meaning, linguistic reference, syntactical form, and the relations between scientific languages and ordinary linguistic usage. Seminar format.

PHI 5913 Research (1-4) AS PHI

PR: CI. Approval slip from instructor required. Individual research supervised by a faculty member.

PHI 5934 Selected Topics (1-3) AS PHI

PR: CI. Approval slip from instructor required. Selected topics according to the needs of the student.

PHM 3020 Philosophies of Love and Sex (3) AS PHI

Discussion of Philosophies of Love/Sex of Plato, Aristotle, Epicurus, Aquinas, Hume, Kant, Schopenhauer, Russell, Sartre, Marx, etc.

PHM 3100 Social Philosophy 6A SS HP (3) AS PHI

An analysis of rival theories of social order and their philosophical foundations.

PHM 3400 Introduction to Philosophy of Law (3) AS PHI

A study of the fundamental concepts of law from a philosophical standpoint including crime, justice, punishment, free speech, insanity.

PHM 4120 Major Black Thinkers MW (3) AS AFA

PR: Junior or Senior standing. Survey of major themes and issues in African/African-American intellectual and political thought with an emphasis on theories of nationalism. Works of individuals such as Martin Delany, Booker T. Washington, W. E. B. DuBois, Marcus Garvey, Malcolm X, and Angela Davis are considered.

PHM 4322 Ancient and Medieval Political Philosophy MW (3) AS PHI

A survey of Political philosophy from 6 B.C. until 1600 A.D., including an examination of the ethical, metaphysical, and epistemological bases of these philosophies.

PHM 4331 Modern Political Philosophy 6A MW (3) AS PHI

A survey of political philosophy from 1600 A.D. until 1900 A.D., including an examination of the ethical, metaphysical, and epistemological bases of these philosophies.

PHM 4340 Contemporary Political Philosophy 6A MW (3) AS PHI

A survey of political philosophy in the twentieth century, including an examination of the ethical, metaphysical and epistemological bases of these philosophies.

PHM 5125 Topics in Feminist Philosophy (3) AS PHI

A study of recent feminist philosophical approaches to epistemology, aesthetics and political philosophy. May also be taken for credit in Women's Studies.

PHM 5126 Social Issues in Biomedical Ethics (3) AS PHI

An examination of the social and political issues arising from rapid changes in medicine and technology. Topics covered may include social issues related to the just distribution of health care, reproductive technologies, HIV and AIDS, eugenics, genetic testing, and maternal-fetal relations.

PHP 3786 Existentialism 6A HP (3) AS PHI

A study of the religious and atheistic existentialists and the bearing of their views on religion, ethics, metaphysics, and theory of knowledge.

PHP 4000 Plato 6A MW (3) AS PHI

The examination of Plato will include the dialogues Protagoras, Georgias, Meno, Republic.

PHP 4010 Aristotle 6A MW (3) AS PHI

Study of Aristotle's philosophy.

PHP 4410 Kant (3) AS PHI

382 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

- Lecture and discussion of Kant's philosophy, especially the Critique of Pure Reason.
- PHP 4740 The Rationalists 6A MW (3) AS PHI**
A careful study of the metaphysics and epistemologies of Descartes, Spinoza, Leibniz, and Malebranche.
- PHP 4745 The Empiricists 6A (3) AS PHI**
A careful study of the metaphysics and epistemologies of Locke, Berkeley, Hume, and Thomas Reid.
- PHP 4784 Analytical Philosophy 6A (3) AS PHI**
A study of the method devoted to clarifying philosophical problems through analysis of the language in which these problems are stated.
- PHP 4788 Philosophy of Marxism 6A MW (3) AS PHI**
A critical survey of Marxist philosophy from Marx and Engels to Mao Tse-Tung and Herbert Marcuse. Hegelian foundations of Marxist philosophy analyzed in detail.
- PHT 5021 Professional Issues I (2) ME PHT**
Foundations of systems thinking, decision making, professional expression, responsibility, and accountability (including legal/ethical concepts), culture and argumentation for the roles of the physical therapist in administration, consultation, critical inquiry, education and patient/client management. Restricted to majors.
- PHT 5022 Professional Issues II (2) ME PHT**
An introduction to critical injury and educator roles and responsibilities; explores the concepts of decision-making, evaluation of research, theories of learning, research and clinical pathways. Restricted to majors.
- PHT 5023 Professional Issues III (3) ME PHT**
Focus on legal, ethical, and professional responsibility and accountability of the physical therapist. Learners will further develop their abilities to make legal and ethical decisions. The class will examine state laws governing the practice of physical therapy and other health care services. Restricted to majors.
- PHT 5171C Foundational Science I (3) ME PHT**
Introduction to the peripheral neuromuscular, skeletal, integumentary, and circulatory systems in normal and pathological states. Includes the anatomy and physiology of bones, joints, skin, nerves, and blood vessels, as well as the response of these tissues to injury and their potential for healing. Restricted to majors.
- PHT 5172C Foundational Science II (1) ME PHT**
Emphasis on physiology of the peripheral sensorimotor and cardiopulmonary systems. Restricted to majors.
- PHT 5173C Foundational Science III (2) ME PHT**
Emphasis on physiology of the peripheral sensorimotor and cardiopulmonary systems. Restricted to majors.
- PHT 5184 Movement Science I (2) ME PHT**
A basic introduction to movement science and its foundational principles from four different perspectives: biomechanics; kinesiology; exercise physiology; and motor control, learning and development. Restricted to majors. Repeatable for 2 cr.
- PHT 5185 Movement Science II (3) ME PHT**
PR: PHT 5184 Elaboration of movement science principles with emphasis on biomechanics, kinesiology, functional anatomy, exercise physiology, histopathology, motor control and connective tissue properties. Restricted to majors. Repeatable for 3 cr.
- PHT 5271 Patient/Client Management I (3) ME PHT**
Foundational principles of histology, pathology, histopathology, applied biomechanics, pharmacology and clinical medicine are introduced and applied to the physical therapy management of individuals with musculoskeletal disorders involving the limbs. Restricted to majors.
- PHT 5272 Patient/Client Management II (2) ME PHT**
Application of principles of patient/client management to patients with cardiopulmonary disease or dysfunction and diabetes in order to identify and write plans of care for related movement dysfunction. Restricted to majors.
- PHT 5273 Patient/Client Management III (3) ME PHT**
Learners apply principles of patient/client management to patients with progressive, non-progressive diseases and injuries of the nervous system. Restricted to majors.
- PHT 5275C Physical Therapy Science I (4) ME PHT**
Introduction to physical therapy skills in examination, evaluation, and diagnosis for clients with uncomplicated musculoskeletal impairments involving the extremities. Emphasis on obtaining a history and performing physical therapy tests and measures leading to a differential diagnosis by application of principles of movement. Restricted to majors.
- PHT 5276C Physical Therapy Science II (4) ME PHT**
Introduction to physical therapy skills used in examination, evaluation, diagnosis of and intervention for clients with activity limitations associated with cardiovascular, hematological, or pulmonary disorders. Major emphasis on selecting, justifying, administering, and interpreting physiological responses to physical agents and therapeutic exercises. Restricted to majors.
- PHT 5277C Physical Therapy Science III (3) ME PHT**
Examination, evaluation, diagnosis, and intervention for movement-related problems secondary to impairments of the nervous system. Contemporary theories of motor development, motor learning and motor control will be introduced. Student knowledge will be demonstrated with clinical problem-solving scenarios. Restricted to majors.
- PHT 5283C Physical Therapy Procedures (3) ME PHT**
Introduction to selected physical therapy interventions, obtaining a patient history, and conducting a systems screen. Restricted to majors. Repeatable for 3 cr.
- PHT 5316 Medical Management I (1) ME PHT**
Introduction to medical diagnostics, pharmacological principles, and common orthopedic surgical procedures as components of medical management including repair of bone and soft tissue. Restricted to majors. Repeatable for 1 credit.
- PHT 5380 Medical Management II (1) ME PHT**
PR: PHT 5316 Seminar on the medical and surgical management; epidemiology; pathophysiology; pharmacology of injuries and diseases of the cardiopulmonary system including repair and regeneration. Restricted to majors. Repeatable for 1 credit.
- PHT 5822 Clinical Education I (3) ME PHT**
Initial clinical practice experience for the development of patient care skills. The course is graded Satisfactory/Unsatisfactory. Restricted to majors.
- PHT 5906 Directed Independent Study (1-10) ME PHT**
Directed independent stud, content to be decided. Restricted to majors.
- PHT 5934 Special Topics I (1-10) ME PHT**
Exploration of physical therapy practice issues. Topics may vary each semester the course is offered. A seminar and/or lab course. Restricted to majors. Not repeatable for credit.
- PHT 5960 Clinical Proficiency and Problem Solving I (1) ME PHT**
Practicum for patient/client management of individuals with musculoskeletal related movement disorders complemented by direct patient care learning. Restricted to majors. Repeatable for 1 credit hour.
- PHT 5961 Clinical Proficiency and Problem Solving II (1) ME PHT**
PR: PHT 5960 Practicum for the synthesis of skills, knowledge, and values for management of individuals with cardiopulmonary and endocrine related movement disorders complemented by direct patient care learning. Restricted to majors. Repeatable for 1 credit hour.
- PHY 2020 Conceptual Physics NS (3) AS PHY**
No credit for Physics or Mathematics majors. A qualitative, non-mathematical investigation of physics, emphasizing its influence on life today.
- PHY 2048 General Physics I NS (3) AS PHY**
PR: MAC 2281 or MAC 2311. Must be taken concurrently with lab and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2053 and PHY 2048 courses. First semester of a two semester sequence of calculus-based general physics (mechanics, wave motion, sound, thermodynamics, geometrical and physical optics, electricity, and magnetism) for physics majors and engineering students.
- PHY 2048L General Physics I Laboratory (1) AS PHY**
PR: MAC 2281 or MAC 2311. Must be taken concurrently with lecture and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2053L and PHY 2048L courses. First semester of a two-semester sequence of general physics (mechanics, wave motion, sound, thermodynamics, geometrical and physical optics, electricity, and magnetism) and laboratory for physics majors and engineering students.
- PHY 2049 General Physics II NS (3) AS PHY**
PR: MAC 2282 or MAC 2312, PHY 2048, PHY 2048L. Must be taken concurrently with lab and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2054 PHY 2054 and PHY 2049 courses. Second semester of general physics and laboratory for physics majors and engineering students.
- PHY 2049L General Physics II Laboratory (1) AS PHY**
PR: MAC 2282 or MAC 2312, PHY 2048, PHY 2048L. Must be taken concurrently with lecture and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2054L PHY 2054L and PHY 2049L courses. Second semester of general physics and laboratory for physics majors and engineering students.
- PHY 2053 General Physics I NS (3) AS PHY**

PR: MAC 1140 and MAC 1114, or MAC 1147. Must be taken concurrently with lab and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2053 and PHY 2048 PHY 2048 courses. First semester of a two semester sequence of non-calculus-based general physics (mechanics, heat, wave motion, sound, electricity, magnetism, optics, modern physics) for science students.

PHY 2053L General Physics I Laboratory (1) AS PHY

Must be taken concurrently with lecture and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2053L and PHY 2048L courses. First semester of a two semester sequence of general physics (mechanics, heat, wave motion, sound, electricity, magnetism, optics, modern physics) laboratory for science students.

PHY 2054 General Physics II NS (3) AS PHY

PR: PHY 2053, PHY 2053L. Must be taken concurrently with lab and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2054 and PHY 2049 courses. Second semester of non-calculus-based general physics for science students.

PHY 2054L General Physics II Laboratory (1) AS PHY

PR: PHY 2053, PHY 2053L. Must be taken concurrently with lecture and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2054L and PHY 2049L courses. Second semester of general physics lab for science students.

PHY 2515 Energy and Humanity NS (3) AS PHY

Social, economic, and political aspects of energy. Includes energy conservation, environmental impact, energy-source alternatives, changing lifestyles, and personal use of solar energy. The relevant basic laws of physics and the scientific method are emphasized. Field trips and audiovisual presentations play important roles.

PHY 3101 Modern Physics (3) AS PHY

PR: PHY 2049, MAC 2283 or MAC 2313. Special relativity. Interaction of radiation with matter. Particle-wave duality. Atomic and x-ray spectra and Bohr model of atom. Schrodinger wave equation. Introduction to solid state physics.

PHY 3221 Mechanics I (3) AS PHY

PR: PHY 2048. CR: MAC 2283 or MAC 2313. First semester of a two-semester sequence. Review of vector algebra and vector calculus. Dynamics of single particles and systems of particles; central forces; rotation about an axis; statics; and virtual work.

PHY 3323 Electricity and Magnetism I (3) AS PHY

PR: PHY 2049, MAC 2283 or MAC 2313. Electrostatic fields and potentials, dielectrics, classical conductivity, RC circuits, Fourier and finite element methods. First semester of sequence PHY 3323, PHY 4324.

PHY 3424 Optics (4) AS PHY

PR: PHY 2049; CR: MAC 2283 or MAC 2313. Reflection, refraction, dispersion, interference, diffraction, polarization, and laboratory.

PHY 3822L Intermediate Laboratory (3) AS PHY

PR: PHY 2049 or equivalent; CR: PHY 3101. Experiments in modern physics, including the areas of atomic, nuclear, solid state and wave phenomena.

PHY 4031 Great Themes in Physics 6A MW (3) AS PHY

Origins/early history of physics, and quantum physics. Conservation of energy. Second Law of Thermodynamics. Special Relativity. Exponential dynamics. Outside reading, writing; maintenance of a logbook/journal.

PHY 4222 Mechanics II (3) AS PHY

PR: PHY 3221; CR: MAP 2302. Continuation of PHY 3221. Coupled oscillators and normal modes; moving coordinate systems; Lagrange's and Hamilton's equations; inertia tensor; general rotation of rigid bodies.

PHY 4324 Electricity and Magnetism II (3) AS PHY

PR: PHY 3323. Introduction to special relativity, magnetic fields and potentials, magnetic materials, RL and RLC circuits, Maxwell's equations and applications.

PHY 4523 Statistical Physics (3) AS PHY

PR: PHY 3101, senior status. Statistical approach to thermodynamics and kinetic theory and introduction to statistical mechanics.

PHY 4604 Introduction to Quantum Mechanics (3) AS PHY

PR: PHY 3101, or CI. Basic concepts of quantum mechanics with applications in atomic, nuclear, and condensed matter Physics.

PHY 4744C Introduction to Electronics and Test Instrumentation (3) AS PHY

PR: General Physics or CI. Introduces the fundamentals of analog and digital electronics used in measurements and instrumentation. Weekly labs give hands-on experience in breadboarding electronic circuits and using test instrumentation (oscilloscopes, digital multimeters, etc.)

PHY 4823L Advanced Laboratory (3) AS PHY

PR: PHY 3822L. Experimental work primarily related to modern physics. Emphasis on experimental techniques used in current research.

PHY 4905 Independent Study (1-3) AS PHY

PR: CI. S/U only. Specialized, independent study determined by the student's need and interest. The written contract required by the College of Arts and Sciences specifies the regulations governing independent study.

PHY 4910 Undergraduate Research (1-4) AS PHY

PR: Senior or advanced junior standing and CC. S/U only. An individual investigation in the laboratory or library or both, under the supervision of the instructor. Credit hours and other contractual terms, are to be determined by student/instructor agreement.

PHY 4930 Undergraduate Seminar (1) AS PHY

PR: Senior or advanced junior standing or CC. S/U only. All undergraduate physics majors must enroll in this course at least once. Regular attendance is required. This course introduces students to the research areas in the Physics Department.

PHY 4936 Selected Topics in Physics (1-4) AS PHY

PR: Senior or advanced junior standing and CC. Each topic is a course in directed study and under the supervision of a faculty member.

PHY 5720C Electronics for Research (3) AS PHY

A rigorous introduction to the fundamentals of analog and digital electronics. Theoretical circuit analysis and weekly labs introduce practical use of diodes, transistors, analog and digital ICs, breadboarding techniques and electronics test instrumentation. Spring Semester.

PHY 5937 Selected Topics in Physics (1-4) AS PHY

PR: Senior or advanced standing and CC. Each topic is a course in directed study under the supervision of a faculty member.

PHZ 2102 Problems in General Physics I (1) AS PHY

CR: PHY 2048 or PHY 2053. First semester of a two-semester sequence on solving problems in General Physics I. A course designed to be taken with the lecture course and to help students with developing problem-solving skills.

PHZ 2103 Problems in General Physics II (1) AS PHY

CR: PHY 2049 or PHY 2054. Second semester of a two-semester sequence on solving problems in General Physics II. A course designed to be taken with the lecture course and to help students with developing problem-solving skills.

PHZ 4151C Computational Physics (3) AS PHY

Introduction to computer applications in physics. Emphasis on numerical modeling and simulation of physics problems using linear algebra, differential equations and Monte Carlo methods. No prior programming experience required.

PHZ 4702 Applications of Physics to Biology and Medicine I (4) AS PHY

PR: PHY-2054, PHY-2054L or PHY-2049, PHY 2049L The first semester of a two-semester sequence, to discuss the applications of the physical concepts introduced in the General Physics sequence to biological systems and for medical applications. Restricted to non-majors.

PHZ 4703 Applications of Physics to Biology and Medicine II (4) AS PHY

PR: PHY-2054, PHY-2054L or PHY-2049, PHY 2049L; PHY 2053 or CI. The second semester of a two-semester sequence, to discuss the applications of the physical concepts introduced in the General Physics sequence to biological systems and for medical applications. Restricted to non-majors.

PHZ 5115 Methods of Theoretical Physics I (3) AS PHY

PR: MAP 2302 or CI. Applications of mathematical techniques to classical and modern physics. Vector spaces including Hilbert space, orthogonal functions, generalized functions, Fourier analysis, transform calculus, and variational calculus.

PHZ 5116 Methods of Theoretical Physics II (3) AS PHY

PR: MAP 2302 or CI. Applications of mathematical techniques to classical and modern physics. Selected topics in complex analysis, differential and integral equations, numerical methods, and probability theory.

PHZ 5156C Computational Physics I (3) AS PHY

PR: CGS 5765 or CI. C programming applied to real science and engineering problems. Data analysis, numerical algorithms, modeling, parallel computation. Subjects selected from current research may include neurobiology, quantum magnetism, chaos, finance, materials science.

PHZ 5304 Nuclear Physics (3) AS PHY

PR: PHY 4604 or CI. Nuclear forces, nuclear models, nuclear structure, decay, nuclear reactions, and high energy physics.

PHZ 5405 Solid State Physics I (3) AS PHY

PR: PHY 3101, MAP 2302, CI. Crystal structure, x-ray and electron diffraction, mechanical and thermal properties of solids, electrical and magnetic properties of metals, band theory of metals, insulators, and semiconductors. First semester of sequence PHZ 5405, PHZ 6426.

POL 1120 Beginning Polish I (4) AS WLE

CR: POL 1120L. This course features all four major skills: listening, reading, speaking, and writing. Grammar exercises, dictation, readings and vocabulary-building are central in this first course. Knowledge of Russian can help. S/U available.

POL 1120L Beginning Polish I Laboratory (1) AS WLE

CR: POL 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

POL 1121 Beginning Polish II (4) AS WLE

PR: POL 1120 or equivalent. CR: POL 1121L. This course continues the four basic skills of POL 1120, with continued emphasis on structures, dialogues, readings, dictation, and vocabulary-building. Knowledge of Russian can help. S/U available.

POL 1121L Beginning Polish II Laboratory (1) AS WLE

CR: POL 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

POL 4905 Directed Study (1-5) AS WLE

Departmental approval required. S/U only. Permits study options in Polish not available in regularly scheduled curriculum at departmental discretion.

POR 1120 Beginning Portuguese I (4) AS WLE

CR: POR 1120L. Development of basic skills in listening and reading comprehension, speaking and writing of Brazilian Portuguese.

POR 1120L Beginning Portuguese I Laboratory (1) AS WLE

CR: POR 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

POR 1121 Beginning Portuguese II (4) AS WLE

PR: POR 1120 or equivalent. CR: POR 1121L. Continued development of basic skills in listening and reading comprehension, speaking and writing of Brazilian Portuguese.

POR 1121L Beginning Portuguese II Laboratory (1) AS WLE

CR: POR 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

POR 2200 Intermediate Portuguese I (3) AS WLE

PR: POR 2200 builds upon the four language skills (speaking, comprehension, reading, and writing) introduced in POR 1120 and POR 1121.

POR 2201 Intermediate Portuguese II (3) AS WLE

For language students who intend to attain basic proficiency.

POS 2041 American National Government (3) AS POL

Analysis of basic principles and procedures of the American governmental system with emphasis on current issues and trends.

POS 2080 The American Political Tradition SS HP (3) AS POL

This course is an introductory survey of the historical developments and changes in American political institutions, processes, and thought.

POS 2112 State and Local Government and Politics (3) AS POL

Analysis of the structure and function of state and local governments, of the social and political influences that shape them, and of the dynamics of their administrative processes.

POS 3142 Introduction to Urban Politics and Government (3) AS POL

Governmental and political structures and processes as they function in urban areas, with special focus on municipalities and locally based public services.

POS 3173 Southern Politics (3) AS POL

Examines changes in electoral politics in the South, and the role of interest groups and the state and federal government in facilitating change.

POS 3182 Florida Politics and Government (3) AS POL

A study of Florida political culture, political parties and elections, the legislative, executive, and judicial systems, and policy patterns.

POS 3283 Judicial Process and Politics (3) AS POL

The organization, development, and functioning of American court systems and the causes and consequences of judicial behavior from an empirical perspective.

POS 3453 Political Parties and Interest Groups (3) AS POL

Analysis and understanding of role, functions, structure, and composition of such, and their impact on American governmental institutions.

POS 3691 Introduction to Law and Politics (3) AS POL

Nature of law, legal process, relationship to political life of constitutional law, administrative law, the judicial process, and private law.

POS 3697 Environmental Law (3) AS POL

Examines some of the major issues involving environmental law. Specially, the course provides a survey and analysis of statutes, both state and federal, regulating water, air, soil pollution, and resource conservation and recovery. It will also address questions pertaining to problems of implementation, interpretation, enforcement, and development of environmental laws.

POS 3713 Empirical Political Analysis (3) AS POL

Fundamentals of empirical political inquiry: systematic data collection and quantitative analysis techniques. Laboratory exercises using the computer are required.

POS 3931 Selected Topics (3) AS POL

Selected topics in political science with course content based upon student demand and instructor's interest.

POS 4204 Political Behavior, Public Opinion, and Elections (3) AS POL

Analysis of economic and socio-psychological factors influencing mass and elite political behavior; voting behavior, public opinion, and political activism.

POS 4413 The American Presidency 6A (3) AS POL

The presidency as a political institution; analysis of powers; legislative, administrative, political, and foreign policy leadership; crisis management and decision making; White House staffing; limits on power.

POS 4424 The American Congress (3) AS POL

Organization, procedures, committee system, party leadership, relations with governmental and non-governmental organizations and agencies, oversight, decision-making processes, House/Senate comparisons.

POS 4614 Constitutional Law I (3) AS POL

PR: POS 2041. Leading social problems, principle institutions, and the scope of powers. Analysis of Supreme Court decisions, scholarly commentaries, and the writings of leading public figures.

POS 4624 Constitutional Law II (3) AS POL

PR: POS 2041. Analysis of Supreme Court decisions and scholarly commentaries on the constitutional rights of individuals.

POS 4693 Women and Law I (3) AS WST

Introduction to issues concerning the legal aspects of sex and sex-based discrimination as embodied in statutory and case law, focusing on constitutional and family law and reproductive freedom issues.

POS 4694 Women and Law II 6A MW (3) AS WST

PR: POS 4693 or CI. Legal position of women in American society and remedies available to challenge current laws and practices, with specific emphasis on employment and education issues as they relate to both women and men.

POS 4905 Independent Study (1-3) AS POL

PR: 3.0 average in Political Science and CI. S/U only. Specialized study determined by the student's needs and interests.

POS 4910 Individual Research (1-3) AS POL

PR: 3.0 average in Political Science and CI. Investigation of some aspect of political science culminating in the preparation of an original research paper.

POS 4936 Senior Seminar (3) AS POL

PR: Senior standing and CI. An opportunity to work with others in a seminar format, exploring specialized topics.

POS 4941 Field Work (3-15) AS POL

PR: 3.0 average in Political Science and CI. Opportunity for students to obtain practical experience as aides to agencies of government and political parties.

POS 4970 Honor Thesis (3) AS POL

PR: Admission to Honor option. Writing of honor thesis under direction of faculty members.

POS 5094 Issues in American National and State Government (3) AS POL

Selected topics of study in American government.

POS 5155 Issues in Urban Government and Politics (3) AS POL

Selected issues and topics in Urban Government and politics.

POS 5159 Urban Policy Analysis (3) AS PAD

- Application of policy framework for urban government & policies. Examine forms of government and how policies such as economic development, law enforcement, community policing, neighborhood policies (with non-profit groups) can be analyzed.
- POT 3003 Introduction to Political Theory (3) AS POL**
Examines various kinds of theory used in political science for understanding political life: normative theory, empirical theory, historicism theory, analytical theory, and critical theory.
- POT 3013 Classical Political Theory (3) AS POL**
Analysis of basic ideas of Plato, Aristotle, Cicero, St. Thomas, and other leading pre-modern political philosophers.
- POT 4054 Modern Political Theory (3) AS POL**
Analysis of basic political ideas of Machiavelli, Hobbes, Locke, Rousseau, Burke, and other modern philosophers.
- POT 4064 Contemporary Political Thought (3) AS POL**
Examines various political views and political phenomena in the nineteenth and twentieth centuries. Diverse theoretical types and salient political phenomena will be presented.
- POT 4109 Politics and Literature 6A LW (3) AS POL**
Critical examination of the connections between politics and literature.
- POT 4204 American Political Thought (3) AS POL**
Examines political writings in the U.S. and responses to critical periods in history, beginning with the Founding Fathers, and culminating in recent contributions and understanding contemporary political problems and solutions.
- POT 4661 The Politics of Identity, Difference and Inequality MW (3) AS POL**
PR: POT 3003. An analysis of how relationships of social identity and difference become the basis of social, political and economic inequality in modern society. It incorporates both contemporary and classical discussions of inequality.
- POT 4936 Selected Topics in Political Theory (3) AS POL**
Selected topics or thinkers in political theory.
- PPE 4003 Personality (3) AS PSY**
PR: PSY 3213 with a grade of C or better or CI. Methods and findings of personality theories and an evaluation of constitutional, biosocial, and psychological determinants of personality.
- PSB 4004C Physiological Psychology (3) AS PSY**
PR: PSY 3213 with a grade of C or better or CI. Gross neural and physiological components of behavior. Structure and function of the central nervous system and theory of brain functions.
- PSB 4444 Drugs and Behavior (3) AS PSY**
This is a basic introduction to drugs and their effects on society and behavior. Specifically, drug regulations and laws will be covered as well as how drugs interact with the brain to alter consciousness.
- PSY 2012 Introduction to Psychological Science SS (3) AS PSY**
Introduction to the science of psychology for majors and nonmajors, presents theory and methods in broad survey of various areas of psychology including clinical, cognitive, developmental, health, industrial/organizational, social and neuropsychology.
- PSY 3017 Psychological Science II SS (3) AS PSY**
PR: PSY 2012, psychology major or CI. Designed as an in-depth examination of the basic principles and concepts of psychological science. Extensive coverage will be given to the areas of learning, perception, physiological psychology, and cognition.
- PSY 3204 Psychological Statistics 6A QM (3) AS PSY**
PR: PSY 2012. Introduction to analyzing psychological data, in the context of behavioral research. Covers basic research design, descriptive statistics, analysis procedures, use of computer analysis packages, interpretation of outputs, and implications for research.
- PSY 3213 Research Methods in Psychology (4) AS PSY**
PR: PSY 2012 with a grade of C or better or CI. This course considers the logic of experimental design, concept of control and the analysis of experimentally obtained data. The laboratory section provides experience applying the concepts discussed in lecture. Two lectures plus two-hour lab. May be taken concurrently with PSY 3044.
- PSY 4205 Experimental Design and Analysis (3) AS PSY**
PR: PSY 3213 with grade of C or better or CI. Detailed coverage of those research designs and statistical techniques having the greatest utility for research problems in psychology. Emphasis on topics from analysis of variance.
- PSY 4604 History and Systems of Psychology (3) AS PSY**
PR: PSY 3213 with a grade of C or better or CI. The historical roots of modern psychological theories, investigation of the various schools of psychology such as behaviorism, Gestalt psychology, psychoanalysis, and phenomenological psychology.
- PSY 4913 Directed Study (1-3) AS PSY**
PR: CI. S/U only. A maximum of 3 credits of either PSY 4913 or PSY 4970 may count toward the major. The student plans and conducts an individual research project or program of directed readings under the supervision of a faculty member.
- PSY 4931 Selected Topics: Seminar (3) AS PSY**
PR: Upper-level standing, psychology major and CI. Graduate-type seminar designed to provide the advanced undergraduate student with an in-depth understanding of a selected sub-area within psychology.
- PSY 4932 Honors Seminar (3) AS PSY**
PR: Admission to honors program in psychology and CI. May not count for major credit. The student, under supervision of a faculty member, will formalize, conduct, analyze, and report in writing a research project in psychology.
- PSY 4933 Advanced Topics in Applied Behavior Analysis (4) AS PSY**
PR: EXP 4404 and CLP 4414. Restricted to Psychology majors admitted to the Concentration in Applied Behavioral Analysis. Advanced seminar in the effective and ethical application of behavior analysis to human problems. Includes theoretical and conceptual issues; assessment and treatment procedures; legal, ethical and socio-cultural issues.
- PSY 4970 Honors Thesis (1-3) AS PSY**
PR: Admission to honors program in psychology and CI. A maximum of 3 credits of either PSY 4913 or PSY 4970 may count toward the major. The student under supervision of a faculty member will formalize, conduct, analyze, and report in writing a research project in psychology.
- PUP 4002 Public Policy (3) AS POL**
Examines the formation and implementation of public policy in areas such as the economy, health, etc.
- PUP 4203 Environmental Politics and Policy (3) AS POL**
Examines the politics of environmental issues, formation and implementation of environmental policy.
- PUP 4323 Women and Politics 6A MW (3) AS WST**
An analysis of the impact of gender on power and influence in American society, and women's changing role in the political process.
- PUP 5607 Public Policy and Health Care (3) AS POL**
The study of health care policy as it relates to the policy process in the American setting.
- PUR 3000 Principles of Public Relations (3) AS COM**
PR: MMC 2100 and MMC 3602. The underlying theory and professional practice of public relations within corporate and institutional structures and its vital role in society; ethical standards of practice, and relationships of the practice to the public media; public relations problem-solving process.
- PUR 3500 Public Relations Research (3) AS COM**
PR: PUR 3000 and LIS 2005. The theory and practice of quantitative and qualitative research methods as applicable to the study of public relations and public relations campaigns. Emphasis is on the scope of research methods available to public relations practitioners, evaluation of data and report writing.
- PUR 4100 Writing For Public Relations (3) AS COM**
PR: JOU 2100 and PUR 3000. Techniques for creating effective written public relations communications to achieve organizational goals, including news releases, proposal letters, broadcast scripts, and memos. Exercises based on case study scenarios.
- PUR 4101 Public Relations Design and Production (3) AS COM**
PR: MMC 2100 and MMC 3602. Theoretical and practical applications of design for public relations publications. Design software. Study of visual design, page architecture, typography, color and illustrations. Integration of design elements in the design of different types of public relations publications.
- PUR 4401 Public Relations: Issues, Practices and Problems (3) AS COM**
PR: PUR 3000. The theory of public relations practice and its application in the real world. The role of the public relations practitioner in business, government, and social institutions, and the nature of specialized areas of the practice. Identification of public issues, analysis of potential impact on organizations and development of strategies to deal with them successfully and responsibly. Communication techniques and trends.
- PUR 4700 Public Relations Practicum (1) AS COM**
PR: Senior standing and CI. For public relations sequence majors. S/U. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.
- PUR 4801 Advanced Public Relations (3) AS COM**
PR: PUR 3500, PUR 4100 and PUR 4401 As final course in Public Relations sequence, it involves intensive study of counseling

and problem-solving techniques used in professional practice. Analysis of case studies and preparation of complete Public Relations program. Extensive reading in the literature of contemporary practice.

PUR 5505 Introduction to Public Relations Theory and Research (3) AS COM

PR: Bachelor's degree in related field(s). This course is designed as an introductory graduate course in Public Relations Theory, research methods and management for majors. Theory and research are combined to acclimate students into appropriate skills and thinking processes used by practitioners.

QMB 2100 Business And Economic Statistics I 6A QM (3) BA QMB

PR: MAC 1105. Data description; exploratory data analysis; introduction to probability; binomial and normal distributions; sampling distributions; estimation with confidence intervals; tests of hypotheses; control charts for quality improvement.

QMB 3200 Business And Economic Statistics II (3) BA QMB

PR: MAC 2233 or MAC 2241, QMB 2100. Simple linear regression and correlation; multiple regression and model building; forecasting models; analysis of variance; chi-square tests; nonparametric methods.

RCS 3030 Rehabilitation Counseling Issues in Alcoholism and Other Addictions (3) AS REH

PR: CI. An overview of alcohol and other drug abuse. Explores the extent and rate of abuse in the United States, causes, biology, psychosocial aspects, legal aspects, and treatment.

RCS 4931 Selected Topics in Counseling Professions (3) AS REH

Provides an overview of counseling professions including current issues, standards of practice, and future trends. Will cover legal and ethical and professional issues.

RCS 5035 Rehabilitation Counseling: Concepts and Applications (3) AS REH

PR: CC. Introduction to the profession of Rehabilitation Counseling and current issues in the field. Coverage includes rehabilitation history, legislation, case management and related services for Americans with disabilities.

RCS 5080 Medical Aspects of Disability (3) AS REH

PR: RCS 5780 or CP. A survey of medical conditions and disabilities encountered by rehabilitation and mental health counselors. Examines the relationship of client handicaps, physical and mental, to rehabilitation and mental health programming.

RCS 5450 Substance Abuse I (3) AS REH

PR: CI. An overview of alcohol and other drug abuse. Explores the extent and rate of abuse in the United States, causes, biology, psychosocial aspects, legal aspects, and treatment.

RCS 5780 Legal, Ethical, Professional Standards and Issues in Counseling (3) AS REH

PR: CC. An overview of all aspects of professional functioning including history, roles, organizational structures, ethics, standards and credentialing. Contemporary and developing issues in the field of professional counseling will also be addressed.

RCS 5905 Directed Studies (1-4) AS REH

PR: CI. Supervised rehabilitation studies under the direction of a faculty member.

REA 1605 Learning Strategies Within Academic Disciplines (2) USREA

To provide within any academic discipline the necessary learning strategies needed for success related to academic coursework. Practice of learning strategies will be within the framework of the student's course work, providing direct transfer to academic area material. Will not be counted toward the English major.

REA 2105 Critical Reading and Writing 6A (4) US REA

This course leads to the development of advanced level critical reading and the related academic writing skills, accomplished through both classroom instruction/discussion and accompanying self-paced progressive computer lab programs.

REA 2505 Vocabulary (3) AS ENG

A practical course in rapid vocabulary improvement for students in all areas. Stress is on words in context. Will not be counted toward the English major.

REA 2930 Selected Topics: Learning Strategies (1-4) US REA

Topics will vary to meet the needs of students. Will not be counted toward the English major.

RED 4310 Reading and Learning to Read (3) ED EDE

PR: Admission to College of Education. This course will prepare pre-service teachers to understand the foundations of reading and the inherent learning principles to produce successful readers. The course focuses on appropriate instructional

strategies to enhance reading development and reading across the curriculum.

RED 4511 Linking Literacy Assessment to Instruction (3) ED EDR

PR: RED 4310. This course will prepare pre-service teachers to use multiple assessment measures to assess and diagnose students' strengths and needs in literacy learning. Based on individual student profiles, teachers will design instruction to enhance literacy development.

REE 3043 Real Estate Decision Making (3) BA FIN

PR: FIN 3403. Acquaints students with the range of knowledge required to engage in real estate decision-making in the United States. Integrates the institutional framework with which decisions are made, the elements of financial analysis, deal structuring and marketing, and the pricing, financing, and allocation of real property in the real estate markets.

REE 4303 Real Estate Investment Analysis (3) BA FIN

PR: FIN 4504. A comprehensive study of the determinants of the market and financial feasibility of the real estate investment decision. The development of market and site analyses, theories of urban development patterns, and the role of taxation will be studied along with the application of analytical techniques for decision making.

REL 2210 Hebrew Bible/Old Testament (4) AS REL

An introduction to the critical study of the Hebrew Scriptures against the background of the ancient Near East, with attention to the history and religion of the Hebrew people.

REL 2240 Introduction to the New Testament (4) AS REL

An introduction to the critical study of the New Testament in the context of Christian beginnings in the first century A.D. This will include readings from the Apocrypha, other Gospels, and letters.

REL 2300 Introduction to World Religions HP SS (4) AS REL

This course is designed to give students an overview of the world's major religions. Students are exposed to myths, rituals, history, primary beliefs, leaders, and other info germane to understanding each religion. Open to majors and non-majors.

REL 2306 Contemporary World Religions HP (4) AS REL

This course will explore the unity and diversity of religious traditions in our contemporary global context in order to understand the mutual interactions between religions and cultures. Emphasis will be placed on the role of religions in shaping human values which can either create or resolve social conflicts, and the impact these values can have on issues of race, ethnicity and religious diversity in a multicultural world.

REL 3000 Ancient Religions in Context (4) AS REL

Study of the religions in their cultural setting of the peoples of the Ancient Middle East and Mediterranean.

REL 3003 Introduction to Religious Studies (3) AS REL

This course examines the phenomenon of religion to answer the question: Religion, what is it? Religious thought (mythology and theology) and religious behavior (ritual and morality) are closely examined from a variety of methodological perspectives.

REL 3101 Religion and Popular Culture SS HP (3) AS REL

An exploration and analysis of the relationship between religion and popular culture, which will include inquiry into the definition and meaning of both religion and popular culture, the impact of secularization on traditional religious systems, and the widely diverse expressions of religion in contemporary popular culture.

REL 3111 The Religious Quest in Contemporary Films 6A SS HP (4) AS REL

This course will use contemporary films such as Gandhi, Malcolm X, the Long Walk Home, the Color Purple, the Leap of Faith, the Chosen, and Grand Canyon, to explore the personal and social dimensions of religion in modern secular societies, with an emphasis on issues of racism, sexism and human liberation and reconciliation.

REL 3114 Comedy, Tragedy, and Religion 6A MW (3) AS REL

Examines the visions of life in comedy and tragedy, and relates both to Judaism, Christianity, and Zen Buddhism.

REL 3116 Religion and Contemporary American Holidays HP SS (3) AS REL

Introduces students to the academic study of religion through an exploration of issues and questions related to the character and function of holidays in contemporary America. Open to majors and non-majors.

REL 3117 Religion and Contemporary American Sports HP SS (3) AS REL

This course explores the function of sports in America. It covers the history of sports; the status of American sports; and sports as religious events. The course is open to majors and nonmajors and is not repeatable for credit.

REL 3120 Religion in America (3) AS REL

To examine the movement from state church to pluralism in American religious institutions, the religious results of non-Protestant immigration; the Jewish factor; the effect of home missions and social concern programs upon American life; political entanglements and the concept of church/state separation.

REL 3131 New Religions in America (3) AS REL

A course designed to allow the student to survey the wide spectrum of contemporary sects and cults in America and learn what motivates their development.

REL 3132 Witchcraft and Paganism in America (3) AS REL

A study of contemporary witchcraft and paganism, including theories, methods, history, myths and symbols, beliefs, rituals and practices, believers, recruitment, socialization, and organizations.

REL 3140 Religion, Culture, and Society (3) AS REL

Introductory scholarly survey of religion in its complex relationship to culture and society, including definitions and theories of religion, research methods, becoming religious, social organization, and interconnections with other social institutions. Open to non majors.

REL 3145 Women and Religion 6A (3) AS REL

Analysis of the status and roles of women as compared to men in the Judeo-Christian tradition. Contemporary issues of feminist theology, and the controversies surrounding them.

REL 3146 Womanist Vision in Religion MW (3) AS REL

This course examines the works of Black Womanist writers in religion for their contributions to and insights into the phenomena of religion in America and the world.

REL 3170 Religion, Ethics and Society Through Film 6A SS HP (4) AS REL

An ethical analysis of contemporary social issues through contemporary films such as Wall Street and Crimes and Misdemeanors, drawing on religious narrative traditions from Eastern and Western cultures which have contributed to the development of an ethic of human dignity, human rights and human liberation after Auschwitz and Hiroshima.

REL 3191 Life After Death MW (4) AS REL

An exploration of ideas about life after death and its relations to this life in Judaism, Christianity, Islam, Hinduism, and Buddhism.

REL 3280 Biblical Archaeology MW (3) AS REL

An in depth examination of the archaeological data relating to the background and content of the Bible, including ancient customs, Biblical sites and cities, Biblical history, and material culture of the Biblical period. Special attention will also be given to excavation methods and interpretation of archaeological evidence.

REL 3303 Comparative Religion: Judaism and Islam MW (3) AS REL

This course is framed within the academic study of religion, and it does not concern itself with contemporary political difference in the Middle East. It treats as Islam the normative statements of the Quarn and related traditions, and as Judaism the authoritative statements of the Torah, oral and written.

REL 3308 World Religions 6A HP SS (3) AS REL

World Religions gives students an overview of the major religions of the world from their formative periods up to modernity. Special attention is given to myths, rituals, history, beliefs, leaders and other info relevant to understanding the religions.

REL 3318 Introduction to Chinese Religion AF HP SS (3) AS REL

The course is for majors and nonmajors, and may not be repeated for credit. The course introduces the history and present state of the religious thoughts and practices in mainland China and the geographical areas in which the Chinese language is spoken.

REL 3330 The Religions of India AF (3) AS REL

All religions of the world came to India and all became Indian. What is this "Indianness" which stems from Hinduism, Buddhism, Jainism and Sikhism, but extended itself to include Judaism, Christianity, Islam, Zoroastrianism and Baha'i. Readings from classical texts and modern literature.

REL 3363 Introduction to Islam HP AF (3) AS REL

This course introduces the basic elements of Islamic belief and practice, placing the rise of Islam in its historical context in the Middle East, and stressing issues of diversity (including ethnicity and gender).

REL 3367 Islam in the Modern World 6A HP AF (3) AS REL

Examines the major developments in Islamic thought since the 13th century, with emphasis on the 19th and 20th century Islamic resurgence. Issues of diversity, gender, and social values will be stressed.

REL 3375 Issues in Caribbean Religions MW (3) AS REL

This course concentrates on major social and cultural issues in Caribbean religions mainly in Cuba, Haiti, Jamaica, and Trinidad, with emphasis on African-derived religions and Western and Eastern religious encounters.

REL 3380 Native American Religions (3) AS REL

Introduction to and survey of Native American Religions. A variety of multiplicity of perspectives, including anthropological, historical, social psychological, sociological, and philosophical.

REL 3420 Contemporary Religious Thought (3) AS REL

An examination of the central ideas of recent religious thinkers; such as Gandhi, Martin Luther King, Jr., Elie Wiesel, Thich Nhat Hanh, Dorothy Day, Dorothee Soelle, Howard Thurman, Thomas Merton and others.

REL 3465 Religion and the Meaning of Life 6A MW (3) AS REL

What is the meaning of life? An exploration of answers to this question in Eastern and Western religions, and in humanistic philosophies of life.

REL 3500 History of Christianity 6A HP (4) AS REL

Historical development of Western Christianity, its ideas and institutions, from the first century to the rise of religious modernism in the 19th century.

REL 3561 Roman Catholicism 6A MW (3) AS REL

An examination of the history, doctrine, and ethics of the Roman Catholic Church.

REL 3602 Classics of Judaism 6A MW (3) AS REL

PR: One course in Religious Studies. How to read the principal documents of Judaism beyond the Old Testament, particularly the Mishnah, Talmuds, and Midrash.

REL 3607 Introduction to Judaism 6A SS HP AF (3) AS REL

An introduction to Judaism: its religious tenets; its codes of ethics; its rites and customs. This course is intended as a description of what it means to be a Jew.

REL 3611 History of Judaism (4) AS REL

A study of the evolution of the religion of ancient Israel from the Eodus to the end of the second centry of our era, seen against the background of its historical, geographical, political, social and spiritual setting.

REL 3613 Modern Judaism 6A MW LW (3) AS REL

A study of Jewish life in the West since 1789, emphasizing Jewish beliefs, practices, and institutions.

REL 3801 History of Writing (2) AS REL

Study, in reasonable detail, of the history and evolution of writing within its societal context. We will stress the development of writing in Mesopotamia, Egypt, and the Mediterranean World, looking at the transition from oral to written literature and its impact on religion.

REL 3900 Directed Readings (1-4) AS REL

PR: Cl. Individual guidance in concentrated reading on a selected topic.

REL 3936 Selected Topics (1-4) AS REL

Course contents depend on students' needs.

REL 4113 The Hero and Religion MW (3) AS REL

A study of the way in which embedded religious models help to fashion the representation of an heroic protagonist. The focus of the course will be on the relationship between the hero and the "other," as differentiated by race, gender, ethnicity, or merely inner being.

REL 4133 Mormonism in America MW (3) AS REL

A study of Mormonism in America as an example of a new religion. Includes the study of history, myths and symbols, texts, beliefs, rituals and practices, believers, recruitment, socialization, and organizations.

REL 4161 Religion, Technology and Society (3) AS REL

An exploration of the way in which religion and technology have interacted in Western civilization so as to both express and transform human values and identity. Special emphasis will be given to the value questions raised by modern technology.

REL 4171 Contemporary Christian Ethics 6A MW (4) AS REL

PR: Jr. standing or Cl. A survey of representative approaches to contemporary Christian ethics and their application to a number of ethical issues peculiar to personal and social life in contemporary society, with an emphasis on issues of race and gender and of violence and non-violence.

REL 4177 Comparative Religious Ethics 6A MW LW (4) AS REL

A comparative study of religious ethics emphasizing how 20th century social activists, such as Ghandi and M. L. King Jr. and eco-feminists such as Rosemary Ruether and Joanna Macy, have drawn upon and transformed traditional religious stories and spiritual practices in order to create a cross-cultural and inter-religious ethic for a multi-cultural world.

REL 4193 Comparative Mysticism (4) AS REL

388 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

A course designed to acquaint the student with the nature of mystical experience, and some of the varieties of mystical experience recorded in the writings of the mystics, East and West.

REL 4215 Ancient Israel and the Development of the Hebrew Bible 6A HP AF MW LW (3) AS REL

An exploration of the formation and composition of the Hebrew Bible in light of the religious, social, political, and historical developments in antiquity.

REL 4217 Who Wrote the Bible (Genesis-Kings) 6A MW LW (4) AS REL

A critical examination of Genesis through 2 Kings. This course focuses on the history of the formation of the text and the development of the religious traditions represented therein. Special attention will be paid to Israelite Law, Covenant Theology, and the history of the religion(s) of the Children of Israel in their Ancient Near Eastern context.

REL 4218 Women and the Bible 6A HP AF MW LW (3) AS REL

How the redactors of Genesis through 2 Kings viewed women; the role women played in the society of the time in which they are portrayed and in that of the redactors; and, an attempt to find the "women's voices," however muted, within the biblical text.

REL 4245 New Testament I: Gospels, Acts (4) AS REL

An exploration of the Gospels and Acts, including their backgrounds in Judaism and pagan religion, literary and form criticism, historical Jesus research, and the social history of earliest Christianity.

REL 4250 Jesus' Life and Teachings (4) AS REL

An examination of the various historical studies made in the quest of identifying Jesus as an historical figure. The concern is to make a reasonable assessment of who Jesus was and what he was saying to the Jews in Palestine at the beginning of the common era.

REL 4252 New Testament II: Pauline Letters (4) AS REL

The purpose is to examine the text of the thirteen "Pauline Letters" in the New Testament, to compare them with the Pauline sections of Acts, and to ascertain possible theological development of Paul and the "Pauline wing" of Christianity.

REL 4333 Hinduism (4) AS REL

The philosophy of the saints; the complex rituals of the Brahmins; the art of its temples; the psychology and physiology of yoga; the social rigidity of the caste system; the esoteric science of meditation; the ascetic activism of Mahatma Gandhi—all of these are Hinduism, and more. Close readings of classical texts, philosophic systems and medieval poems.

REL 4343 Buddhism in India, Sri Lanka, and South East Asia (4) AS REL

The life and teachings of the Buddha; the order of monks and nuns; the Buddhist Emperor Ashoka; schisms; the rise of the Great Vehicle and the philosophy of emptiness; Buddhist missions; Buddhist art and culture; Buddhism and national liberation; contemporary social and political issues.

REL 4344 Buddhism in China, Japan, and Tibet (4) AS REL

Mahayana Buddhism followed the silk routes to China and Japan, and later it crossed the Himalayas into Tibet. An overview of the variety of schools and practices of Buddhism and its adaptation by these ancient cultures.

REL 4626 Reason in Religion: Talmudic Logic MW (3) AS REL

Analyzes the modes of thought and of logical analysis of the Talmud of Babylonia; the way in which applied logic and practical reason work in a religious definition of the social order; the dialectical argument.

REL 4670 Judaism and Christianity After the Holocaust 6A MW LW (4) AS REL

This course will explore the impact of the Holocaust on Jewish and Christian thought and identity in the light of the history of religious and cultural anti-Semitism in Western civilization.

REL 4910 Undergraduate Research (1-4) AS REL

PR: Junior standing and CI. Individual investigations with faculty supervision.

REL 4911 Undergraduate Research (1-4) AS REL

PR: Junior standing and CI. Individual investigations with faculty supervision.

REL 4930 Selected Topics (3) AS REL

Course contents depend on student demand and instructor's interest and may range over the whole field of Ancient Religions. Offerings on a semi-regular basis include the Bible as History 3.

REL 4931 Seminar in Religion (3) AS REL

PR: Majors and minors only or CI A course required for Religious Studies majors and minors, whose prior religious studies have prepared them for a cooperative creative and/or research effort in the area of religion.

REL 4936 Selected Topics (1-4) AS REL

PR: Junior standing. Individual investigations with faculty supervision.

REL 4937 Selected Topics: Fall Honors Seminar (2) AS REL

PR: Acceptance into the Religious Studies Honors Program. The course content will depend upon student demand and instructor's interest.

REL 4938 Selected Topics: Spring Honors Seminar (2) AS REL

PR: Acceptance into the Religious Studies Honors Program. The course content will depend upon student demand and instructor's interest.

REL 4939 The Development of Religious Studies (4) AS REL

Course designed for senior majors and minors in religious studies. Discussion of key figures and methodological advances in the development of the field from the 18th century to present, with readings of classics in the development.

RMI 3011 Principles of Insurance (3) BA FIN

Analysis of insurable risks of both businesses and individuals. An examination of the characteristics of those areas of risk and uncertainty where the mechanisms of insurance are effective alternatives. The concept, contracts, and institutions involved in insurance are examined in relation to the socio-economic environment.

RMI 4115 Life, Health, And Disability Insurance (3) BA FIN

PR: QMB 3200, RMI 3011. The course will analyze the use of life, health, and disability insurance contracts as a method of dealing with the financial risks of death, sickness, and disability. It will include an analysis of cost determination of the various types of coverage.

RMI 4210 Property Insurance (3) BA FIN

PR: RMI 3011. Course dealing with recognition of personal and business property risks, and coverage that can be used in dealing with these risks. Considers the underwriting, marketing, and social problems associated with these coverages. Topics include commercial and residential fire insurance, inland marine and transportation coverages, and multiperil contracts. Not limited to Finance majors.

RMI 4220 Casualty Insurance (3) BA FIN

PR: RMI 3011. Course dealing with recognition of personal and business casualty risks and coverages that can be used in dealing with these risks. Considers the underwriting, marketing, and social problems associated with these coverages. Topics include workmen's compensation, public liability, auto liability, suretyship, and crime insurances. Not limited to Finance majors.

RTV 2100 Writing For Radio and TV (3) AS COM

PR: CRW 2100 or ENC 3310 and RTV 3001. The art and practice of script planning and writing for radio and television and for corporate videos.

RTV 3001 Introduction to Telecommunications (3) AS COM

PR: MMC 2100 and MMC 3602. A survey of the organization, structure, and function of the broadcasting industry.

RTV 3301 Broadcast News (4) AS COM

PR: MMC 2100 and MMC 3602. Methods in gathering, writing, and editing newscasts for radio and television.

RTV 3941 Radio Practicum (1) AS COM

PR: RTV 3001 and CI. For telecommunications sequence majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

RTV 4220 TV Production and Direction (3) AS COM

PR: RTV 3001 and RTV 3301. A basic course in the techniques of producing and directing TV programs. Restricted to majors only.

RTV 4304 TV News (3) AS COM

PR: RTV 4320. Advanced television reporting, integrating broadcast news writing, ENG production and television performance.

RTV 4320 Electronic Field Production (3) AS COM

PR: RTV 3001 and RTV 3301. Advanced producing, scripting, lighting, camera, and editing for video and news production. Introduction to computer editing and graphics.

RTV 4500 Telecommunications Programming and Management (3) AS COM

PR: RTV 3001. Program and management concepts, resources, costs, selection, and scheduling. Analysis of programming and management in terms of structures, appeals and strengths.

RTV 4942 TV Practicum (1) AS COM

PR: RTV 4220 and CI. For telecommunications sequence majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a

professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

RUS 1120 Beginning Russian I (4) AS WLE
CR: RUS 1120L. The first course in the study of elementary Russian. Emphasis on the development of basic skills in comprehension, speaking and reading.

RUS 1120L Beginning Russian I Laboratory (1) AS WLE
CR: RUS 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

RUS 1121 Beginning Russian II (4) AS WLE
PR: RUS 1120 or CI. CR: RUS 1121L. The second course in the study of elementary Russian. Emphasis on the development of basic skills in comprehension, speaking and reading.

RUS 1121L Beginning Russian II Laboratory (1) AS WLE
CR: RUS 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

RUS 2200 Russian III (4) AS WLE
PR: First year Russian or equivalent. Review and development of basic skills in conversation, composition, and reading.

RUS 2201 Russian IV (4) AS WLE
PR: RUS 2200 or equivalent. Review and development of basic skills in conversation, composition, and reading.

RUS 2270 Overseas Study (1-6) AS WLE
Intensive study of the Russian language in Russia involving at least 20 hours per week of classroom instruction and cultural excursions conducted in Russian around Moscow and other parts of Russia.

RUS 3240 Conversation I (4) AS WLE
PR: Second year Russian or equivalent. Development of basic conversational skills.

RUS 3470 Overseas Study (1-6) AS WLE
Must be enrolled in the USF Summer Study in Moscow program. Two years Russian required. Intensive Russian at Moscow Linguistic University with excursions in Moscow and Russia. Students from other institutions eligible.

RUS 3500 Russian Civilization 6A MW (3) AS WLE
A survey of the cultural history of Russia.

RUS 4241 Conversation II (4) AS WLE
PR: Previous course in series or equivalent. Development of conversational skills.

RUS 4402 Advanced Russian Conversation & Composition I (4) AS WLE
PR: RUS 4241 or CI. Third year Russian.

RUS 4403 Advanced Russian Conversation & Composition II (4) AS WLE
PR: RUS 4241 or CI. Third year Russian.

RUS 4471 Advanced Overseas Study (1-6) AS WLE
Must be enrolled in the USF Summer Study in Moscow program. Three years Russian required. Intensive Russian at Moscow Linguistic University with excursions in Moscow and Russia. Students from other institutions eligible.

RUS 4900 Selected Topics (1-3) AS WLE
Study of an author, movement or theme.

RUS 4905 Directed Study (1-3) AS WLE
Departmental approval required.

RUT 3110 Russian Classics in English 6A MW LW (3) AS WLE
Masterpieces of 19th century Russian literature in English. The major works of Pushkin, Lermontov, Gogol, Turgenyev, Dostoevsky, Tolstoy, and Chekhov. Elective for all students in all departments.

RUT 3111 Twentieth-Century Russian Literature in English 6A MW LW (3) AS WLE
Masterpieces of 20th century Soviet literature in English. The major works of Bely, Olesha, Babel, Zamyatin, Bulgakov, Pasternak, and Solzhenitsyn. Elective for all students in all departments.

SCE 4236 Science, Technology, Society Interaction 6A MW (4) EDEDN
Achieve an historical and philosophical understanding of (1) the nature of the scientific enterprise: interaction of science, technology, and society (STS), (2) how to teach STS including the use of computers and related technologies, and (3) intricacies of sample STS topics.

SCE 4305 Communication Skills in the Science Classroom (3) EDEDN
Reading and communication skills important in understanding scientific and science education literature and communicating findings to others.

SCE 4310 Teaching Elementary School Science (3) ED EDE
PR: Admission to College of Education and completion of General Distribution Requirements in the Natural Science area. Techniques and materials for teaching science in the elementary school.

SCE 4320 Teaching Methods in Middle Grade Science (3) ED EDN
PR: Completion of 25 semester hours of Science or CC. Not designed for high school certification purposes. Survey techniques and materials unique to science, grades 5-9.

SCE 4330 Teaching Methods in the Secondary School-Sciences (3) EDEDN
PR: Completion of 26 hours in approved science areas, EDG 4620 or CP, and CC. Techniques and materials of instruction in secondary school sciences.

SCE 4936 Senior Seminar in Science Education (1-2) ED EDN
PR: Senior standing; CR: SCE 4940. Synthesis of teacher candidate's courses in complete college program.

SCE 4940 Internship: Science Education (1-12) ED EDN
CR: SCE 4936. One full semester of internship in a public or private school.

SCE 5364 Reading and Communication in Science Education (3) EDEDN
This course prepares secondary science teachers to teach literacy practices in science. It includes methods for selecting appropriate reading and language approaches. Communication in science and functional aspects of scientific literacy are examined.

SCE 5937 Selected Topics in Science Education (1-4) ED EDN

SLS 1101 The University Experience (2) ED EDG
PR: Freshman only. An extended introduction to USF. Topics include purposes of higher education, structure and function of USF, career planning, selecting a major, study skills, managing time, academic advising, computer resources, and decision-making.

SLS 2260 Leadership Fundamentals (3) US STL
Covers a broad range of leadership topics from self-development and understanding of self, to group behavior, organizational design, ethics and teamwork. The potential of every individual to develop effective leadership skills is examined.

SLS 3930 Selected Topics in Student Leadership (1-4) US STL
Course content will depend upon the interest of the faculty member and student demand.

SLS 3948 Community Leadership Practicum (3) US STL
PR: SLS 2260, PR: SLS 4272. This course involves the transference of leadership theories into practice. It provides a practical forum for students to examine and develop personal leadership skills.

SLS 4271 Organizational Theories and Processes (3) US STL
PR: SLS 2260 and SLS 4272. Participants will delve into the nature of organizational dynamics, they will utilize concepts, generalizations, theories, and frames of reference to analyze organizations and leadership to understand and improve their function.

SLS 4272 Survey of Leadership Readings (3) US STL
PR: SLS 2260. Survey of historical and contemporary writings on leadership skills and practices. Examines the contextual manner in which the leader functions.

SLS 4273 Theories of Leadership HP (3) US STL
PR: SLS 2260, PR: SLS 4272. Focuses on historical and modern views of leadership. It is designed to assist students analyzing and understanding the historical, social, political aspects of leadership theories and styles as well as the application of leadership theories in settings.

SLS 4274 Ethics and Power in Leadership (3) US STL
PR: SLS 2260, PR: SLS 4272. Course reviews arguments for ethics in leadership as proposed by both contemporary and ancient leadership theories. It also examines theories of power and authority, and seeks answers to the apparent dilemmas through applied moral theory and psychology.

SLS 4276 Images of Leadership in Print and Film (3) US STL
PR: SLS 2260, PR: SLS 4272. This course examines the historical development of leadership theory through contemporary times. Surveys literature and other media relevant to role of the leader and to the development and application of leadership skills.

SOP 3742 Psychology of Women SS (3) AS WST
An examination of theories of female personality in historical perspective. Current research on sex differences, socialization, sexuality, psychology of reproduction. Emerging roles of women as related to social change and developmental tasks of the life cycle.

SOP 4004 Social Psychology (3) AS PSY

390 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

PR: PSY 3213 with a grade of C or better or CI. Survey of methods, empirical findings, and theoretical interpretations in the study of an individual's behavior as it is affected by others.

SOP 4330 Social Psychology of HIV/AIDS (3) AS PSY

PR: PSY 2012, PSY 3017, PSY 3213 Students study social psychology theory and research while working at an AIDS service organization. They use the research as a framework for understanding, and developing solutions to, problems confronting the organization's staff and clients.

SOP 4514 The Holocaust, Social Prejudice, and Morality (3) AS PSY

PR: PSY 2012. Examines the Holocaust from social, psychological, and communication/language perspectives. Reviews root causes of prejudice, the manifestations of hatred in language, relationships, and the ultimate impacts on victims and survivors and rescuers.

SOP 4714C Environmental Psychology (3) AS PSY

PR: PSY 3213 with a grade of C or better or CI. Explores the influences of environment on behavior. Topics considered include crowding, privacy, territorial behavior, environmental design, and pollution effects. Designed for both psychology majors and non-majors.

SOW 3101 Human Behavior and the Social Environment I (4) AS SOK

PR: All provisional major courses. Restricted to full Social Work majors, others by School permission. An integrating human behavior-social environment course emphasizing dynamics of behavior and environmental factors as they relate to social work practice with individuals, and families.

SOW 3102 Human Behavior And The Social Environment II (4) AS SOK

PR: SOW 3101, SOW 4522, SOW 4341. Restricted to full Social Work majors; others by School permission. An integrating course emphasizing dynamics of behavior and environmental factors as they relate to social work practice with families, groups, organizations and communities.

SOW 3203 The American Social Welfare System SS (3) AS SOK

A general education introductory course which provides students with a framework for understanding the historical development of American social welfare, its value base, and its response to minorities, women, children, the elderly, and the disabled.

SOW 3302 Introduction to Social Work (3) AS SOK

An introductory course tracing the development of social work as a profession including an examination of the knowledge, skill and attitudinal base of the profession and professional roles and functions.

SOW 3401 Research and Statistics For Social Work (4) AS SOK

PR: All provisional major courses. Restricted to full Social Work majors, others by School permission. The purpose of this course is two-fold: to familiarize the student with research as it is practiced in the profession of Social Work; and to equip the student with those theoretical understandings necessary to be a critical consumer of social work research.

SOW 4233 Social Welfare: Policy & Program (4) AS SOK

PR: All provisional major courses, SOW 3101, SOW 3401, SOW 4341, SOW 4522, SOW 3102, SOW 4343. CR: SOW 4510, SOW 4510L. Restricted to full Social Work majors; others by School permission. An advanced policy course taking an analytical approach to contemporary social welfare policy issues and current social welfare programs.

SOW 4341 Multi-Methods of Social Work Practice I: Micro-System Intervention (5) AS SOK

PR or CR: SOW 3101; SOW 4522. All provisional major courses. Restricted to full Social Work majors; others by School permission. First practice course emphasizing development of skills and interventive methods with individuals, families and small groups. Course includes both didactic and experiential learning components.

SOW 4343 Multi-Methods of Social Work Practice II: Macro-System Intervention (5) AS SOK

PR: All provisional major courses, SOW 3101, SOW 4522, SOW 4341; must be taken as PR. CR: SOW 3401, and SOW 3102. Restricted to full Social Work majors, others by School permission. Second practice course emphasizing intervention at the community and organizational level. Builds upon theoretical and practical content of SOW 4341. Course includes both didactic and experiential learning components.

SOW 4510 Integrative Seminar (3) AS SOK

PR: SOW 3302, SOW 3203, SOW 3101, SOW 3401, SOW 4341, SOW 3102, SOW 4343, SOW 4522. CR: SOW 4233, SOW 4510L. Restricted to full Social Work majors in senior year. Integrates

content and theory from core classes with practice experiences students are having in field placement.

SOW 4510L Field Placement (6) AS SOK

PR: SOW 3302, SOW 3203, SOW 3101, SOW 3401, SOW 4341, SOW 3102, SOW 4522, SOW 4343. CR: SOW 4233, SOW 4510. S/U only. Supervised field placement in a social welfare organization consisting of 32 hours per week in the field with a total of 480 clock hours per semester.

SOW 4522 Multicultural America (3) AS SOK

PR: All provisional major courses. The course focuses on the students' understanding of multicultural and intergenerational issues.

SOW 4900 Directed Readings (1-9) AS SOK

PR: Completion of four social work courses including SOW 3401, upper level standing, and School permission. Content dependent upon student interest and ability. A contract will be jointly developed by student and instructor specifying nature of work to be completed.

SOW 4910 Directed Research (1-6) AS SOK

PR: Completion of four social work courses including SOW 3401, upper level standing and school permission. Majors only. Directed Research is intended to provide students with research experience in areas of specific interest in social work. A contract will be developed between student and instructor specifying nature of work to be completed.

SOW 4930 Variable Topics in Social Work (1-3) AS SOK

Restricted to Social Work majors; others by School permission. Variable title courses to expand on the four sequence areas in the Social Work core curriculum. Allows focus on areas relevant to student's educational interest.

SOW 5930C Selected Topics in Social Work (1-4) AS SOK

PR: CC. Restricted to Social Work majors, both graduate and undergraduate; other by School permission. Course is taken as an elective. Various title course will selectively expand specific social work content areas.

SPA 3002 Introduction to Disorders of Speech and Language SS (3) AS CSD

PR: Junior standing and DPR. The scope of speech-language pathology as a profession and a field of study. An introduction to speech and language disorders, etiologies, major treatment approaches, and research findings.

SPA 3004 Introduction to Language Development and Disorders (3) AS CSD

PR: SPA 3002, SPA 3112 or DPR. This course introduces theoretical concepts and research findings concerning the normal developmental process of language learning as a basis for differentiating developmental delay or disorder of language.

SPA 3011 Introduction to Speech Science (3) AS CSD

PR: SPA 3030, SPA 3101 and SPA 3112. Concentrated study of the acoustic, physiological and perceptual aspects of sound as related to normal and pathological speech communication. Introduction to instrumentation and measurement procedures.

SPA 3030 Introduction to Hearing Science (3) AS CSD

PR: Junior standing, SPA 3101, SPA 3112, SPA 3310. Introduction to the field of hearing including: physics of sound, auditory anatomy and physiology, and psychophysics of hearing.

SPA 3101 Anatomy and Physiology of the Speech and Hearing Mechanism (3) AS CSD

PR: Junior standing. The neurological and anatomical basis of communication disorders. Comparisons of normal and pathological organic structures and their functional dynamics.

SPA 3112 Applied Phonetics in Communication Disorders (3) AS CSD

PR: Junior standing. Introduction to phonetic analysis of normal and disordered speech, including extensive training in transcription using the International Phonetic Alphabet.

SPA 3310 Introduction to Disorders of Hearing (3) AS CSD

PR: SPA 3030 and SPA 3101. The etiology, pathology, and management of disorders of the outer ear, middle ear, inner ear, retrocochlear, and central auditory systems.

SPA 3612C Basic American Sign Language (4) AS CSD

PR: DPR. Introduction to American Sign Language (ASL) as used in the deaf community. General discussion of ASL structure and introduction to various manual communication systems and philosophies. Emphasis on building a basic vocabulary. One hour of laboratory course work is included. Open to all majors.

SPA 3633 American Deaf Culture (3) AS CSD

PR: SPA 4614C. An overview to American Deaf Culture, including its norms, values and belief systems. This course will also provide insight to deaf history in North America, and the importance of ASL to the culturally Deaf community.

SPA 3650 Fundamentals of Interpreting (3) AS CSD

PR: SPA 4615C. An overview of the profession of interpreting, its standards and settings is provided. It provides a basic practical experience component of interpreting and transliterating skills.

SPA 3653 Overview of Language Learning in Deaf Children (3) AS CSD

PR: Admission to ITT Program. CR: SPA 3653L. This course is restricted to majors only. Overview of language development of deaf children from infancy through young adulthood, including various theories of language development in the deaf and communication/language of the deaf assessment techniques, and interpreting skills relating to learning processes.

SPA 3653L Overview of Language Learning in Deaf Children Lab (1) AS CSD

PR: Admission to ITT Program. CR: SPA 3653. This course is restricted to majors only. An exploration and overview of communication modes and language used in public school settings by deaf children. Includes a study of how systems overlap and a development of flexibility in using different modes and languages, and the implications for interpreters.

SPA 3673 Introduction to Auditory Functions (3) AS CSD

PR: Admission to ITT Program. This course is restricted to majors. An overview of hearing science and speech science relating to the educational environment. This course orients the student to the variables extent in oral-aural communication among children who have hearing impairment. It addresses techniques and methods of hearing measurement and amplification of sound as well as the interpreter's role in audiological evaluation and speech language therapy.

SPA 4000 Communication Disorders in the Public Schools (3) AS CSD

PR: DPR. (Non-major course only). An examination of the speech, language and hearing problems affecting school-age children and the classroom teacher's role in the detection, prevention and amelioration of communication disorders.

SPA 4050 Introduction to the Clinical Process MW (3) AS CSD

PR: SPA 3004 and SPA 3310. Observation and participation in speech-language pathology and audiology practicum in the University clinical laboratory. Ethical issues, multicultural concerns, and creativity are stressed through clinical and practical projects.

SPA 4201 Phonological Development and Disorders (3) AS CSD

PR: SPA 3004, SPA 3011. An examination of normal and deviant articulatory and phonological acquisition and behavior. Presentation of major theoretical orientations and the therapeutic principles based upon them.

SPA 4210 Vocal Disorders (3) AS CSD

PR: SPA 3011 and SPA 3310. A comprehensive study of the medical and physical aspects of voice disorders. Differential diagnosis, principles of therapeutic intervention, and procedures for children and adults will be stressed.

SPA 4222 Fluency Disorders (3) AS CSD

PR: SPA 4201. A comprehensive study of disfluent speech behavior. Differential diagnosis, principles of therapeutic intervention, and procedures for children and adults will be studied. Major theories and models of the development and origin of stuttering are also presented.

SPA 4335 Sign Language Codes (3) AS CSD

PR: DPR. A review of the sign systems (SEE I, SEE II, L.O.V.E., and Signed English) used to code messages through the use of sign. The student will have the opportunity to practice one of the sign systems.

SPA 4555 Counseling of Communicatively Handicapped and Family (3) AS CSD

PR: SPA 3011 and SPA 3310. Discussion of role of counseling in the treatment of communication disorders. Based on exploration of theoretical constructs, this course demonstrates application of therapeutic methodologies to reduction of communication handicaps.

SPA 4613C Intermediate American Sign Language (4) AS CSD

PR: SPA 3612C, DPR. A continuation of the basic course which expands the student's signing skills and introduces American Sign Language (ASL) idioms. Provides a greater opportunity for skill development in ASL structure and idiomatic usage. One hour of laboratory course work is included.

SPA 4614C Advanced American Sign Language (4) AS CSD

PR: SPA 4613C, DPR. A continuation of the study of American Sign Language (ASL) at the advanced skill level. Added emphasis on idioms, body language, and facial expression as an integral part of ASL. An hour of laboratory course work is included.

SPA 4615C American Sign Language 4 (4) AS CSD

PR: SPA 4614C. This course is a continuation of the study of American Sign Language (ASL) at the highly advanced level. It provides added emphasis on skill development of the language, including storytelling and poetry. One-hour laboratory course work is included.

SPA 4617C Structure of Sign Language (4) AS CSD

PR: SPA 3612C and SPA 4613C. This course is a basic introduction of semiotic and linguistic consideration of American Sign Language (ASL). It includes aspects of phonology, morphology, syntax, semantics, and discourse of ASL. A one-hour laboratory is incorporated into the coursework.

SPA 4624 Sign Language Codes (3) AS CSD

PR: CI. A review of the sign systems (SEE I, SEE II, LOVE, and Signed English) used to code messages through the use of sign. The student will have the opportunity to practice one of the sign systems.

SPA 4626 Fundamentals of Fingerspelling (2) AS CSD

PR: DPR. A concentrated study of technique in fingerspelling emphasizing clarity and rhythm in expression as well as receptive understanding.

SPA 4632 Nature and Needs of the Deaf and Hard of Hearing (3) AS CSD

A study of the effects of auditory disorders upon the organization and expression of behavioral patterns as they relate to motivation, adjustment and personality.

SPA 4685 Practicum: Interpreting in Schools (1-8) AS CSD

This course is restricted to ITT majors. This course provides practice sessions in school settings under supervision of an experienced interpreter and course instructor. Each practicum student will shadow an interpreter, and participate in discussion about the overall performance.

SPA 4906 Independent Study (1-10) AS CSD

Indep. Study will allow UG students to work independently under the supervision of Faculty members in the pursuit of content gained independently. The course is repeatable for a total of 10 credits. Majors only.

SPA 4910 Directed Research (1-10) AS CSD

Directed Research will allow the UG student to obtain supervised research experience under the direction of a Faculty member. The course is repeatable for a total of 10 credits. Majors only.

SPA 4930 Selected Topics (1-6) AS CSD

PR: DPR. Intensive study of topics in Speech-Language Pathology, Audiology, and/or Aural Rehabilitation conducted under the supervision of a faculty member.

SPA 4970 Honors Thesis (1-10) AS CSD

The student, under the supervision of a Faculty member will formalize, conduct, analyze and report in writing a research project in the Department of Communication Sciences and Disorders. The course is repeatable for a total of 10 credits. Majors only.

SPA 5132 Audiology Instrumentation (3) AS CSD

PR: DPR. Calibration, usage, and specific applications of specialized instruments available for dealing with the identification and measurement of hearing disorders.

SPA 5150L Speech Science Instrumentation (3) AS CSD

PR: DPR or SPA 3011 or equivalent. Underlying principles and laboratory exercises in the use of audio recording, acoustic analysis, and clinical instrumentation.

SPA 5204 Advanced Clinical Phonology (3) AS CSD

The principles of generative phonology will be applied to the assessment and treatment of phonological disorders. Emphasis is placed on making a child's phonology more functional for communication purposes.

SPA 5281 Quantitative Problem Solving in Speech Pathology and Audiology (2) AS CSD

Fundamental mathematical and statistical concepts; meaningful, practical, and interesting presentation. Students get a solid foundation in the mathematical and statistical concepts in CSD and apply those concepts to solve practical or clinical problems.

SPA 5303 Auditory Anatomy and Physiology (3) AS CSD

Provide a comprehensive understanding of the physiological acoustics of the auditory periphery, neuroanatomy and electrophysiology of the central auditory system, and psychoacoustic principles as they relate to clinical audiologic measurement paradigms.

SPA 5312 Peripheral and Central Auditory Tests (4) AS CSD

PR: DPR. The study of behavioral and electro physiologic clinical tests designed to assess the functions of the peripheral and the central auditory system. Tests that incorporate nonspeech stimuli and those that utilize speech stimuli will be included.

SPA 5328 Rehabilitative Audiology for Adults (3) AS CSD

392 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

PR: DPR. Assess and manage persons with hearing loss. Effects of hearing impairment, assessment issues, and appropriate intervention strategies. Prosthetic intervention, perceptual intervention, communication strategies intervention, and counseling issues.

SPA 5408 Language-Learning in the School-Age Years (3) AS CSD

PR: SPA 4201 and DPR. Metalinguistic and metacognitive development are linked to the interactional demands of classroom and clinical discourse; observational tools are applied to evaluation and intervention planning.

SPA 5506 Speech-Language Pathology and Audiology Practicum (1-8) AS CSD

PR: DPR. Participation in speech-language pathology and audiology practicum in the University Communication Disorders Center and selected field settings.

SPA 5552 Diagnostic Principles and Practices (3) AS CSD

PR: Admission to the graduate program or DPR. The administration, evaluation, and reporting of diagnostic tests and procedures used in assessment of speech and language disorders.

SPC 2541 Persuasion SS (3) AS SPE

Examines the role of persuasion in public and social life. Students will be introduced to key concepts and theories of persuasion from a variety of historical and contemporary perspectives. Students will use these concepts to create, analyze, and respond to persuasive messages.

SPC 2600 Public Speaking SS (3) AS SPE

The nature and basic principles of human communication; emphasis on improving speaking and listening skills common to all forms of oral communication through a variety of experience in public discourse.

SPC 3212 Communication Theory (3) AS SPE

PR: Junior standing or CI. The study of source, message, and receiver variables in human communication; communication settings; descriptive and predictive models of communication; communication as a process.

SPC 3230 Rhetorical Theory HP (3) AS SPE

This course surveys the foundations and historical evolution of major concepts, issues, theorists, and approaches to the study of rhetoric from Plato to recent contemporary theorists.

SPC 3301 Interpersonal Communication SS (3) AS SPE

A study of interpersonal communication in informally structured settings with emphasis on the understanding, description, and analysis of human communication.

SPC 3425 Group Communication 6A (3) AS SPE

PR: Junior standing or CI. A survey of theory and research in group communication. Group discussions and communication exercises to increase awareness of the dynamics of human communication in small group settings.

SPC 3513 Argumentation and Debate (3) AS SPE

PR: Junior standing or CI. Study of principles of argumentation as applied in oral discourse, analysis of evidence and modes of reasoning. Practice in debate preparation and delivery.

SPC 3602 Advanced Public Speaking (3) AS SPE

PR: SPC 2600 or CI. Study and application of communication strategies in speaking extemporaneously and from manuscript. The course includes study of selected public addresses as aids to increased understanding of speaking skills.

SPC 3631 Rhetoric of the Sixties HP (3) AS SPE

Survey of the rhetorics associated with the civil rights movement, the Great Society, the anti-Vietnam War movement, the counterculture, the black power movement, and the women's movement.

SPC 3653 Popular Forms of Public Communication (3) AS SPE

PR: Junior standing or CI. Analysis of public communication with emphasis on various presentational forms.

SPC 3680 Rhetorical Analysis (3) AS SPE

This course introduces students to fundamentals of message analysis. Student examines persuasive strategies and language in oral and written discourse.

SPC 3710 Communication and Cultural Diversity SS (3) AS SPE

Examination of communication and cultural diversity within the United States. Cultural groups include gender, racial and ethnic (e.g., African American, Latino American, Asian American), social class, age and generation, religious (e.g. Jewish) and physical ability.

SPC 4201 Oral Tradition MW (3) AS SPE

Study of orality, its forms, functions, and transformations, in traditional and literate societies from folkloric and psychological traditions and from contemporary communication and cultural studies perspectives.

SPC 4305 Communicating Emotions 6A (3) AS SPE

PR: Junior/Senior standing or CI. Study of emotional experience, what emotions mean to us, how we talk about them, and the ways group and cultural membership influence them. Focus on attachment and loss in romantic, family and group relationships.

SPC 4310 Relationships on Film (3) AS SPE

Examination of the ways in which cinema inscribes conceptions and meanings of romance, love, intimacy and sexuality. Focus on systems of interpretation fostered by cinema representations of intimacy, sexuality, emotional, subjectivity, and betrayal.

SPC 4431 Family Communication (3) AS SPE

Examines the processes and functions of communication in family relationships. Examination of scholarly and popular literature on family structure, family systems, family development, and family stories. Analysis of families in fiction and cinema.

SPC 4632 Rhetoric and Social Change 6A MW (3) AS SPE

PR: SPC 3230 or SPC 3681. This course examines how social change is symbolized and motivated in the rhetorics of institutions, campaigns, social movements and individuals.

SPC 4683 Rhetorical Analysis of Mass Media (3) AS SPE

PR: SPC 3230 or SPC 3681; Open to non-majors with CI. An introduction to the criticism of media forms and effects. Contemporary perspectives of the aesthetic and persuasive dimensions of mass media are examined. Students will engage in critical study of media artifacts.

SPC 4714 Communication, Culture and Community MW (3) AS SPE

Examines the relationships among culture, communication, institutions, and public and private life. Students explore the possibilities and problems of contemporary forms of community through service in a volunteer organization.

SPC 4900 Directed Readings (1-3) AS SPE

PR: Senior standing, minimum GPA 2.5, 15 hours of core requirements and 9 elective hours completed, and CI. Maximum 6 hours.

SPC 4903 Honors Readings (3) AS SPE

PR: Admission to Communication Honors Program. Focused readings directed toward preparation of a proposal for an undergraduate honors thesis.

SPC 4905 Undergraduate Research (1-3) AS SPE

PR: Senior standing, minimum GPA 2.5, 15 hours of core requirements and 9 elective hours completed, and CI. Maximum 6 hours. Individual investigations with faculty supervision.

SPC 4930 Selected Topics (1-3) AS SPE

PR: Senior standing, minimum GPA 2.5, 15 hours of core requirements and 9 elective hours completed, and CI. Variable topics.

SPC 4932 Senior Seminar in Communication (3) AS SPE

PR: Senior standing, minimum GPA 3.0, 15 hours of core requirements and 9 elective hours completed, and CI. Communication major. Exploration of selected topics of current significance to the several areas of communication through group discussion and research.

SPC 4970 Honors Thesis (3) AS SPE

PR: Admission to Communication Honors Program. Involves individual research and preparation of an undergraduate honors thesis.

SPC 5238 Topics in Rhetorical Analysis (3) AS SPE

Introduces a variety of critical perspectives applied to rhetoric in specialized contexts. Topics vary depending upon interest of students and faculty.

SPC 5930 Topics in Discourse (3) AS SPE

Variable topics course.

SPN 1120 Beginning Spanish I (4) AS WLE

CR: SPN 1120L. Not open to native or near-native speakers of Spanish. Development of basic skills in listening and reading comprehension, speaking and writing of Spanish.

SPN 1120L Beginning Spanish I Laboratory (1) AS WLE

CR: SPN 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. Not open to native or near-native speakers of Spanish. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

SPN 1121 Beginning Spanish II (4) AS WLE

PR: SPN 1120 or equivalent. CR: SPN 1121L. Not open to native or near-native speakers of Spanish. Continued development of basic skills in listening and reading comprehension, speaking and writing of Spanish.

SPN 1121L Beginning Spanish II Laboratory (1) AS WLE

CR: SPN 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. Not open to native or near-native speakers of Spanish. S/U only. A

laboratory designed to offer additional practice using various instructional technologies and media.

SPN 1130 Accelerated Spanish For Near-Native Speakers and Others (1-6) AS WLE

PR: CI. Accelerated course for near-native speakers and others with some knowledge of Spanish capable of making rapid progress.

SPN 2200 Spanish III (3) AS WLE

PR: SPN 1121 or equivalent. May NOT be taken concurrently with SPN 2201. Not open to native or near-native speakers of Spanish. Continued development of basic skills in listening and reading comprehension, speaking and writing of Spanish.

SPN 2201 Spanish IV (3) AS WLE

PR: SPN 2200 or equivalent. May NOT be taken concurrently with SPN 2200. Not open to native or near-native speakers of Spanish. Continued development of basic skills in listening and reading comprehension, speaking and writing of Spanish.

SPN 2240 Conversation I (3) AS WLE

PR: SPN 2201. Not open to native or near-native speakers of Spanish. For development of basic conversational skills.

SPN 2241 Conversation II (3) AS WLE

PR: SPN 2240 or equivalent. Not open to native or near-native speakers of Spanish. To improve fluency in spoken Spanish.

SPN 2270 Overseas Study (1-6) AS WLE

PR: SPN 1121. Prior departmental approval and early registration are required. An intensive study-travel program in a Spanish-speaking country.

SPN 3300 Advanced Spanish Grammar and Composition (3) AS WLE

PR: SPN 2201 or equivalent. Not open to native or near-native speakers of Spanish. A study of syntax, grammar and writing.

SPN 3340 Advanced Spanish for Native Speakers I (3) AS WLE

PR: Native and near-native oral/aural proficiency. May not count as Spanish major elective. Course for native and near-native speakers of Spanish due to home environment and/or residence in a Spanish speaking country, but without formal training in the language. Emphasis on cultural exploration and the grammatical problems of such speakers.

SPN 3341 Advanced Spanish for Native Speakers II (3) AS WLE

PR: SPN 3340. May not count as Spanish major elective. Continuation of SPN 3340. Course for native and near-native speakers of Spanish due to home environment and/or residence in a Spanish speaking country, but with limited or no training in the language. Emphasis on grammar problems affecting such speakers.

SPN 3440 Spanish for Business and International Trade I (3) AS WLE

PR: SPN 2201 or equivalent. A study of vocabulary and business practices of the Spanish speaking world. Overview of cultural differences within the Spanish speaking world, with emphasis on their impact on business and international trade.

SPN 3441 Spanish for Business and International Trade II (3) AS WLE

PR: SPN 3440 or equivalent. Open to Spanish and Business majors and minors. Continuation of SPN 3440. A study of vocabulary and business practices of the Spanish speaking world. Overview of cultural differences within the Spanish speaking world, with emphasis on their impact on business and international trade.

SPN 3500 Spanish Civilization (3) AS WLE

PR: SPN 2201 or equivalent. The culture and civilization of Spain. For majors and non-majors.

SPN 3520 Spanish American Civilization (3) AS WLE

PR: SPN 2201 or equivalent. Readings and discussions on the culture and civilization of Spanish America. For majors and non-majors.

SPN 4301 Expository Writing (3) AS WLE

PR: SPN 3300 or SPN 3340. Practical training in contemporary Spanish structure, usage and stylistic devices.

SPN 4410 Advanced Conversation (3) AS WLE

PR: SPN 2241 or equivalent. Not open to native or near-native speakers of Spanish. Intensive practice in the formulation and expression of ideas in standard Spanish.

SPN 4470 Advanced Overseas Study (1-6) AS WLE

PR: SPN 2270. Departmental approval required. Intensive language study in Spain.

SPN 4700 Spanish Linguistics (3) AS WLE

PR: LIN 3010 or equivalent (may be taken concurrently with CI) and SPN 2201 or equivalent. An introduction to Hispanic linguistics: Phonology, morphology, syntax, and lexicography.

SPN 5525 Modern Spanish American Civilization (3) AS WLE

PR: SPN 3520 or equivalent or graduate standing. Advanced readings and discussions dealing with Spanish American civilization and culture, including a study of social, artistic and political trends. Text and discussion in Spanish.

SPN 5567 Modern Spanish Civilization (3) AS WLE

PR: SPN 3500 or equivalent or graduate standing. Advanced readings and discussions dealing with contemporary Spanish civilization and culture, including a study of recent social, artistic and political trends. Texts and discussions in Spanish.

SPW 3030 Introduction to Hispanic Literary Studies (3) AS WLE

PR: SPN 3300 or SPN 3340. Prose fiction, drama, poetry, and essay; techniques of literary analysis.

SPW 4100 Survey of Spanish Literature I (3) AS WLE

PR: SPW 3030 or equivalent. A study of Spanish literature from its origins through the 17th century.

SPW 4101 Survey of Spanish Literature II (3) AS WLE

PR: SPW 3030 or equivalent. A study of the later periods of Spanish literature.

SPW 4130 Survey of Spanish American Literature I AF (3) AS WLE

PR: SPW 3030 or equivalent. Introduction to the study of Spanish American literature from the Discovery to the Romantic period. Emphasis will be on foundational writers of history, descriptive and lyric poetry, theater, fiction and essay.

SPW 4131 Survey of Spanish-American Literature II (3) AS WLE

PR: SPW 3030 or equivalent. An introduction to the study of Spanish-American literature from the Modernism period to the present. Emphasis on modern writers since Dario.

SPW 4900 Directed Study (1-3) AS WLE

Departmental approval required.

SPW 4930 Selected Topics (1-3) AS WLE

Study of an author, movement or theme.

SPW 5135 Colonial Spanish American Literature (3) AS WLE

PR: SPW 4131. Introduction to Colonial Spanish American Literature from the discovery through the Romantic Period.

SPW 5355 Spanish American Drama and Poetry (3) AS WLE

PR: SPW 4131. Major writers of all genres. Emphasis on modern writers.

SPW 5387 Spanish American Prose (3) AS WLE

PR: SPW 4131. Emphasis on the gaucho theme and contemporary prose fiction.

SPW 5388 Golden Age Poetry and Drama (3) AS WLE

PR: SPW 4100. Lope de Vega, Alarcon, Tirso, Calderon, and others.

SPW 5405 Medieval Literature (3) AS WLE

PR: SPW 4100 or equiv. Course gives an in-depth study of principal works and authors of the period such as El Poema de Mio Cid, Libro de Buen Amor, and La Celestina.

SPW 5465 19th Century Literature (3) AS WLE

PR: SPW 4101. An appreciation of the romantic and realist periods in Spanish literature.

SPW 5605 Cervantes (3) AS WLE

Cervantes' masterpiece Don Quijote de la Mancha.

SPW 5725 Generation of 1898 (3) AS WLE

PR: SPW 4101. The major figures of the period and their main followers.

SPW 5726 Vanguard Literature 1918 and 1936 (3) AS WLE

PR: SPW 4101. A study of Vanguard literature in Spain between 1918 and 1936.

SPW 5934 Selected Topics (3) AS WLE

PR: Upper-level or GS. Study of an author, movement, or theme.

SSE 4313 Teaching Elementary (K-6) Social Studies (3) ED EDE

PR: Admission to College of Education or CI. This course is designed to study techniques and strategies employed by K-6 social studies teachers that are effective in motivating elementary school aged youth to acquire the information, skills, and modes of reasoning unique to the social sciences.

SSE 4333 Teaching Middle Grades Social Science (3) ED EDW

This course is designed to study techniques and strategies employed by social sciences teachers that are effective in motivating teenage youth to acquire the information, skills, and modes of reasoning unique to the social sciences. Students are expected to plan and present instructional plan(s) demonstrating use of various methods, techniques, and material that achieve concrete outcomes. Theoretical foundations of social studies are also studied. Field work is required.

SSE 4334 Teaching Secondary Grades Social Science (3) ED EDW

PR: SSE 4333. This course is a continuation of SSE 4333 with further development of the instructional techniques and strategies and the information, skills, and modes of reasoning unique to the social sciences with an emphasis on the secondary school

environment. The teaching profession, school settings, legal, and classroom management issues are also studied. Fieldwork in a high school is required.

SSE 4335 Teaching Social Science Themes (3) ED EDI

PR: SSE 5331, SSE 5332; SSE Majors only. The course is a laboratory-based, capstone course in which the knowledge, skills, and dispositions learned in SSE 5333 and SSE 5334 are brought together and demonstrated by students teaching social studies content using the thematic approaches adopted by the National and State accrediting bodies.

SSE 4380 Global And Multicultural Perspectives in Education MW (3) ED EDW

PR: EDG 3604 and EDG 4620, or DPR. Examination of the major issues surrounding global and multicultural perspectives in education. Available to non-Education majors.

SSE 4600 Reading and Basic Skills in the Social Studies Class (3) ED EDW

Reading skills and other basic skills as applied to the social studies are examined. Students plan and present instruction appropriate to the social studies classroom. Fieldwork in middle or senior high schools is required. Restricted to majors.

SSE 4640 Communication Skills in the Social Sciences (2) ED EDW

PR: SSE 4333, SSE 4334 This course emphasizes preparation for instruction and demonstration of instructional techniques in social sciences covered in SSE 4333 and SSE 4334 with an emphasis on students developing their communication, presentation, and organizational skills.

SSE 4670 Economics USA: Principles of Economics for Teachers (3) ED EDW

S/U only. A television course focusing on content and teaching methodology related to micro/macro economic principles.

SSE 4936 Senior Seminar in Social Science Education (2) ED EDW

PR: Senior standing; CR: SSE 4940. Synthesis of teacher candidate's courses and preparation for the professional interview and application process.

SSE 4940 Internship: Social Science Education (1-12) ED EDW

CR: SSE 4936. S/U only. One full semester of internship in a public or private school. In special programs where the intern experience is distributed over two or more semesters, students will be registered for credit which accumulates from 9 to 12 Semester hours.

SSE 5331 Foundations, Curriculum & Instruction of Social Science Education (3) ED EDI

Social studies curriculum, methods of instruction and social, philosophical and psychological foundations are examined. Students are expected to plan and present instructional plan(s) appropriate to middle and secondary school levels demonstrating command of the course content.

SSE 5332 Methods & Strategies in Social Science Education (3) ED EDI

Social studies methods and strategies are examined with an emphasis on the secondary school environment. The teaching profession, school settings, and current issues are examined. Students are expected to plan and present instructional plan(s) appropriate to senior high school demonstrating command of the course content.

SSE 5641 Reading and Basic Skills in the Content Area (3) ED EDI

Reading skills and the other basic skills as applied to the social studies are examined. Students are expected to plan and present instructional plan(s) appropriate to the social studies classroom demonstrating command of the course content. Fieldwork in a middle school is required.

SSE 5644 Economic Decision-Making for Teachers (3) ED EDW

PR: Admission to College of Education or DPR. Provides teachers (K-12) with content related to the operation of businesses in a market economy. Teachers analyze economic/business concepts from the perspective of individuals currently operating businesses in the Tampa Bay area. Focus of the instruction is on the application of content to K-12 instructional programs.

STA 2022 Basic Statistics 6A QM (3) AS MTH

PR: C (2.0) or better in MAT 1033, or 440 or better SAT Math score, or 19 or better ACT Math Score, or 72 or better Elementary Algebra CPT score. No credit for Mathematics majors. Basic philosophy of statistical thinking. Acquisition of data. Techniques for organizing and presenting statistical data. Sample mean, variance and standard deviation. Statistical decisions—estimation and hypothesis testing. Design of experiments, linear association and prediction. Statistical software: MINITAB.

STA 2023 Introductory Statistics I 6A QM (4) AS MTH

PR: C (2.0) or better in MAT 1033, or 440 or better SAT Math score, or 19 or better ACT Math Score, or 72 or better Elementary Algebra CPT score. No credit for Mathematics Majors. Descriptive statistics, basic probability principles, discrete and continuous probability distributions: binomial, Poisson, uniform, normal, t , chi-square and F ; point estimation, confidence limits, hypothesis testing, correlation analysis and linear regression. Emphasis on applications to social sciences, life sciences, physical sciences, engineering and business.

STA 2122 Social Science Statistics 6A QM (3) AS ISS

Descriptive and inferential statistics - through ANOVA, correlation-regression, chi-square and non-parametrics. The course presents statistics with the view that numbers are a limited, but important aspect of understanding the world. Draws concepts and hypothesis from a wide range of disciplines.

STA 3024 Introductory Statistics II 6A (3) AS MTH

PR: STA 2023 or CC. Factorials, ANCOV; multiple curvilinear regression; response surfaces; Latin squares, Split Plots, incomplete designs; distribution free methods.

STA 4321 Essentials of Statistics 6A (3) AS MTH

PR: STA 4442. Basic statistical methods. Estimation, hypothesis testing, regression, ANOVA, and nonparametric methods.

STA 4442 Introduction to Probability 6A (3) AS MTH

PR: MAC 2313. Introduction to probability theory using calculus. Basic ideas of probability and random variables, discrete probability functions, continuous probability densities, joint distributions, transformations of random variables, moments and generating functions of random variables, limit theorems.

STA 5166 Statistical Methods I (3) AS MTH

PR: STA 4321 or CI. Statistical analysis of data by means of statistics package programs. Regression, ANOVA, discriminant analysis, and analysis of categorical data. Emphasis is on interrelation between statistical theory, numerical methods, and analysis of real life data.

STA 5228 Sampling Techniques (3) AS MTH

PR: STA 4321 or CI. Sampling versus total enumeration. Planning of a survey. Statistical sampling methods and their analysis; simple, stratified, systematic cluster, and double and multistage sampling. Use of auxiliary information in sampling. Ratio and regression estimates. Case study.

STA 5326 Mathematical Statistics I (3) AS MTH

PR: STA 5446. Sample distribution theory, point & interval estimation, optimality theory, statistical decision theory, and hypothesis testing.

STA 5446 Probability Theory I (3) AS MTH

PR: STA 4442 and MAA 4212 or CI. Axioms of probability, random variables in Euclidean spaces, moments and moment generating functions, modes of convergence, limit theory for sums of independent random variables.

STA 5526 Non-Parametric Statistics (3) AS MTH

PR: STA 5326 or CC. Theory and methods of non-parametric statistics, order statistics, tolerance regions, and their applications.

SUR 2101C Engineering Land Surveying (3) EN EGX

Principles of land surveying for engineering practice. Traverses, levels, boundary surveys, route surveys, coordinate geometry, and mapping.

SYA 3010 Classical Theory (3) AS SOC

PR: SYG 2000 or CI. The analysis of the philosophical foundations, central principles, and historical development of Sociological theory. Required for Sociology majors and minors.

SYA 3015 Contemporary Theory (3) AS SOC

PR: SYA 3010 and SYG 2000 or CI. An examination of recent trends in sociological theory. Emphasis is on theories examining symbolic interactions, lived experience, popular culture, and social structures.

SYA 3202 Constructing Social Problems (3) AS SOC

Examination of how activists, media, politicians, and scientists construct public images of social problems; analysis of the process of forming social policy and how public images of social problems shape the characteristics of social service agencies.

SYA 3300 Research Methods (3) AS SOC

PR: STA 2122 or equivalent. Introduction to the scientific method and its application to social science research. Research design, sampling techniques, and critical evaluation of social research. Required for Sociology majors.

SYA 3310 Qualitative Inquiry 6A LW (4) AS SOC

PR: SYG 2000 or CI. DPR. Exploration of human relationships and behaviors, organizations, and the larger culture through research techniques such as interviews, participant observation, life histories, and narratives.

SYA 4910 Individual Research (1-3) AS SOC

PR: Four courses in sociology, including SYA 3300, upper level standing, at least 3.0 overall GPA, or CI. DPR. Content depends on the interest of the student. A contract between the student and the sponsoring faculty member must be signed before class registration.

SYA 4930 Topics in Sociology (3) AS SOC

Selected specialized topics in Sociology. Topics such as AIDS in society, drugs in society, problems in education, sociology of childhood, public life, socio-biology. Content will vary by semester and by section. See class schedule for specific contents each semester. This course, in different content areas, may be repeated for credit.

SYA 4935 Senior Seminar MW (3) AS SOC

PR: Senior standing, SYG 2000, SYA 3010, SYA 3300 plus 6 hours of Sociology electives. Majors only. DPR. The opportunity for senior Sociology majors to apply theory and methods to a selected topic of relevance in today's society. Topic changes by instructor.

SYA 4949 Sociological Internship (1-6) AS SOC

PR: Senior or graduate standing in Sociology plus CI. Supervised placement in community organization or agency for a minimum of 10 hours of volunteer work per week, and a weekly seminar on applying sociological skills and methods in the placement setting.

SYD 3441 Peasant Perspectives AF (3) AS SOC

PR: SYG 2000 or 6 hours of other Social Sciences Gen. Ed. coursework or CI. Examines the applicability of sociological concepts to peasant life around the world, and explores the roles played by "western" societies in creating and sustaining the conditions under which peasants live.

SYD 3700 Racial and Ethnic Relations SS HP (3) AS SOC

Comparative study of interracial relations, social tensions, attitudes, and modes of adjustment in various areas of the world.

SYD 4410 Urban Sociology (3) AS SOC

The social structure of the community in modern industrial societies. Analysis of community change.

SYD 4411 Urban Life (3) AS SOC

PR: SYG 2000 This course provides a number of insights into how living in cities has changed throughout history, how it varies culturally, and how it has been theorized in sociology.

SYD 4800 Gender and Society (3) AS SOC

Historical and current issues surrounding gender in America. Emphasis on exploring the causes, meaning, and consequences of gender differences, interpersonal relationships, and institutional participation.

SYG 2000 Introduction to Sociology SS (3) AS SOC

An introduction to sociological perspectives and methods and the basic areas of sociological interests such as socialization, gender, race and ethnic relations, deviance, social control, and social stratification. Required for Sociology majors and minor.

SYG 2010 Contemporary Social Problems SS (3) AS SOC

The analysis of social causes and dimensions of major public issues such as crime, the environment, inequality, gender, employment, and substance abuse.

SYG 2412 Marriage (3) AS SOC

Study of pre-marital relations. Social, cultural, and personal factors related to success and failure in mate selection and marriage. Does not count for sociology major credit.

SYG 3235 Latina Lives AF (3) AS SOC

An exploration of the experiences of Latinas in the United States. Uncover and examine such sociological themes as oppression, migration, work, family, activism, spirituality, and sexuality through short stories, poetry, and scholarly research.

SYO 3120 Sociology of Families (3) AS SOC

With a goal to understand American families in the present, this course will examine variations in family types by social class, race, ethnicity, and historical era. Exploration of current controversies about how families should be organized and about what they should do for their members as well as social policies related to families.

SYO 3200 Sociology of Religion (3) AS SOC

PR: SYG 2000 or CI. An examination of the meanings of religion lived in experiences in the contemporary United States. Includes the construction and maintenance of religious meanings and communities, the impact of those meanings and communities on daily lives, use and impact of religious discourse in daily lives, social movements motivated by religious beliefs.

SYO 3500 Social Organization (3) AS SOC

PR: SYG 2000 or CI. Social organization in the broadest sense, including institutions and associations, as well as variations in role and status.

SYO 3530 Poverty, Inequality, and Stratification (3) AS SOC

Introduction to one of the most common features of modern society, social inequality. A survey of perspectives to explain the causes of inequality and reasons for its persistence.

SYO 4250 Sociology of Education (3) AS SOC

PR: SYG 2000 Application of sociological theory to the social institution of education. Primary attention directed toward the social organization of educational systems.

SYO 4300 Political Sociology (3) AS SOC

PR: SYG 2000 or CI. An examination of the social factors that affect government, politics, and political behavior.

SYO 4370 Occupations and Professions (3) AS SOC

PR: SYG 2000 or CI. A comparative analysis of professions, particularly medicine, law, teaching, allied health professions, engineering. Focus on the process of professionalizing service occupations like police work, business management, public administration and social work.

SYO 4400 Medical Sociology (3) AS SOC

PR: SYG 2000 or CI. The study of disease and the sick person including the analysis of health practices, beliefs, and practitioners, the hospital as an organization, the cost, financing, and politics of health care.

SYO 4430 Disability and Society MW (3) AS SOC

PR: SYG 2000 or CI. Examination of the applicability of sociological concepts to the experience of disability, and of disability as a means to a better understanding of the nature of social experience.

SYO 5365 Industrial Sociology (1) AS SOC

SYP 3000 Social Psychology SS (3) AS SOC

An exploration of the social forces that help shape individual perceptions, behaviors, and personality. The study of ways individuals develop identity and self-worth.

SYP 3060 Sociology of Sexualities (3) AS SOC

Explores the interactions, among and between people, and people and institutions that form the boundaries through which sexualities are understood in the United States. Addresses interactions with and within medical and religious institutions, racial/ethnic cultures, families and popular culture.

SYP 3562 Family Violence (3) AS SOC

An exploration of the complexity of the causes and consequences of physical and emotional violence among family members. Topics include the meanings and behaviors of violence, the process of help-seeking, and social interventions for offenders and victims. Open to nonmajors.

SYP 4111 Identity and Community (3) AS SOC

This course is a sociological examination of the meanings of identity in the post-modern era. Topics will include the characteristics of identity at the levels of individuals, institutions, culture, and the processes of identity construction and change.

SYP 4420 Consumer Culture 6A MW LW (3) AS SOC

PR: SYG 2000 or CI. The exploration of how Americans' purchasing behavior connects to larger historical shifts in our economy, including disenchantment, alienation, inequality, and the rise of the credit card society.

SYP 4510 Sociological Aspects of Deviance (3) AS SOC

The examination of the social construction of deviance: how deviance is defined, implications of deviance designations. Applications of theories of deviance to questions such as motivations of deviants and implications of criminal justice processing of deviants.

SYP 4530 Sociology of Juvenile Delinquency (3) AS SOC

Sociological issues in defining delinquency; the nature of adolescence and delinquency; sociological theories of the causes of delinquency; types and consequences of social control applied to delinquents.

SYP 4550 Drugs and Society (3) AS SOC

Explores the social construction of substance use in the United States. Examines individual users and the popular perspectives on the causes of substance use and abuse such as the medical, psychoanalytic, and sociological models.

SYP 4640 Leisure in Society (3) AS SOC

Sociological examination of leisure in the United States and other countries. Topics include changing leisure time patterns, relationships between leisure and work, personality, family, community, subcultures, religion, and social class.

SYP 4650 Sport in Society (3) AS SOC

An examination of the broad issues concerning sport in both a historical and contemporary perspective. Sport will be viewed in relation to social institutions, economic considerations, mass media, and the sport group as a micro-social system.

TAX 4001 Concepts of Federal Income Taxation (3) BA ACC

PR: ACG 2021. Major concepts used in taxation of income by federal government including enactment of tax laws, basic tax

396 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

research, preparation of basic tax returns and exploration of tax policy issues.

- TAX 5015 Federal Taxation of Business Entities (3) BA ACC**
PR: TAX 4001 with a grade of "C" or better (not C-). Tax issues encountered by small businesses. Includes tax planning, capital formation and preservation, tax compliance and tax alternatives.
- THE 2005 Languages of the Stage FA (3) VP TAR**
Focuses on the variety of approaches to theatrical performance. The purpose of this course is to develop an awareness of the range of contemporary performance practices through a combination of lecture, discussion, theatre attendance, and experiential learning. Provides opportunities for critical thinking and reflection about theatre in contemporary society. Restricted to non-theatre majors.
- THE 2020 Introduction to Theatre (3) VP TAR**
An introduction to the art of theatre as part of the larger context of the nature of art itself. The approach will be both chronological and multi-cultural. Required of all theatre majors.
- THE 2305 Script Analysis (3) VP TAR**
PR: Sophomore standing, THE 2020. This course teaches theatre students the techniques of close reading of dramatic texts.
- THE 3110 Theatre History I MW (3) VP TAR**
PR: Sophomore standing, THE 2020. The study of theatrical production in its cultural context, including theatre architecture, scenography, acting and directing. Normally fifteen plays will be read. Required of all theatre majors. Open to upper division non-majors.
- THE 3111 Theatre History II MW (3) VP TAR**
PR: Sophomore standing, THE 2020. A study of Theatre History in more detail as a companion to Theatre History I. This course and the companion Theatre History I will offer the opportunity for more careful study and emphasis on particular aspects of cross-cultural theatre in context.
- THE 4174 New British Theatre and Drama 6A MW LW (3) VP TAR**
PR: THE 2305 and Junior Standing. A study of contemporary theatrical practice and key dramatic texts in the British Isles. This course is restricted to majors.
- THE 4180 Theatre Origins 6A MW LW (3) VP TAR**
PR: THE 3110 or THE 3111 and one of the following: THE 4320, THE 4330, THE 4360, THE 4401, THE 4434, THE 4435, THE 4442, THE 4480. Open to senior non-majors with CI. An analysis of the development of theatre out of myth, ritual, and liturgy. Emphasis placed on what attempts to understand the resulting phenomena (e.g. Aristotle's Poetics) can teach us about the nature of our art. Either THE 4180 or THE 4562 is required of all theatre majors.
- THE 4264 History Of Costume (3) VP TAR**
PR: Sophomore standing. Open to upper level non-majors with CI. A survey of clothing and dress from Ancient Egypt to the 20th Century with an emphasis on cultural and social influences. (A requirement in the design track/costume.)
- THE 4266 Architecture And Decor (3) VP TAR**
PR: Sophomore standing. Open to upper level non-majors with CI. A survey of architecture and furniture from ancient Egypt to the 20th Century. (A requirement in the design track/scenic.)
- THE 4320 Theatre of Myth and Ritual/Northern European (950-1600) & Oriental (400-1200) 6A MW LW (3) VP TAR**
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. An investigation into the interrelationship of myth, ritual, and theatre. Considers northern European liturgical and secular plays as compared with Hindu, Chinese, and Japanese drama.
- THE 4330 Shakespeare for The Theatre 6A MW LW (3) VP TAR**
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. A close study of selected plays with special emphasis on their performance values.
- THE 4360 The 19th Century Theatre Revolution 6A LW (3) VP TAR**
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. Survey of the European art theatre revolution against the romantic realism of the commercial stage and its effect on subsequent theatre activity.
- THE 4401 American Drama 6A MW LW (3) VP TAR**
PR: THE 2305 and Junior Standing. A course in the function of the script for the theatre artist treating materials in the American Theatre. This class is restricted to majors only.
- THE 4434 Caribbean Theatre 6A MW LW (3) VP TAR**
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. This course is a study of plays and popular theatrical forms of the Caribbean. The student will investigate the social and political forces that shape the culture of the Caribbean, the residual effects of the colonialism and the turbulence of independence as expressed in the dramatic art and theatre of the English-speaking West Indies.

- THE 4435 Theatre of Pluralism 6A MW LW (3) VP TAR**
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. The practice of theatre as it reflects cultural heritage, gender, race and sexual orientation. Study of contemporary scripts, critical and artistic statements.
- THE 4442 Comedy of The Classic And Neo-Classic Stage 6A LW (3) VP TAR**
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. A study of comedic function in scripts from Greek and Roman, Restoration and French Neoclassic of the late 17th century and other plays from the late 18th and late 19th centuries which reflect similar characteristics.
- THE 4480 Drama-Special Topics (3) VP TAR**
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. A study of a significant playwright or grouping of playwrights, e.g. Moliere, Brecht, recent American dramatists.
- THE 4562 Contemporary Performance Theory 6A MW LW (3) VP TAR**
PR: THE 3110 or THE 3111 and one from the following: THE 4320, THE 4330, THE 4360, THE 4401, THE 4434, THE 4435, THE 4442, THE 4480; or CI. A seminar for advanced students focusing on the theory and practice of performance.
- THE 4593 Honors Seminar (2) VP TAR**
Enrollment limited to upper level majors who have been formally admitted to the department honors program. Not available S/U. Readings in the literature, history and theory of the stage in preparation for Theatre Honors Practicum. Past topics have included New German Theatre, Popular Theatre, New American Theatre, Jacobean Theatre.
- THE 4594 Honors Practicum (3) VP TAR**
PR: THE 4593. Honors Practicum grows out of the Honors Seminar and engages students in workshops or production with guest artists. Past artists have included the Free Theatre of Munich, the San Francisco Mime Troupe, playwrights Eric Overmeyer, Jeff Jones and Gary Hill.
- THE 4595 Honors Thesis (1-3) VP TAR**
PR: THE 4594. A practical or written thesis related to the seminar and practicum and approved by the departmental honors committee.
- THE 4761 Methods of Teaching Theatre for Adolescents (3) VP EDD**
Methods of effective drama and theatre instruction in middle school, junior and high schools, recreation centers, community, and professional theatres.
- THE 4905 Directed Studies (1-4) VP TAR**
Independent studies in the various areas of Theatre. Course of study and credits must be assigned prior to registration.
- THE 4930 Selected Topics In Theatre (1-8) VP TAR**
PR: CI. The content of the course will be governed by student demand and instructor interest. May be lecture or class discussion or studio format.
- THE 5909 Directed Studies (1-6) VP TAR**
PR: CI and CC. Independent studies in the various areas of Theatre. Course of study and credits must be assigned prior to registration.
- THE 5931 Selected Topics In Theatre (1-8) VP TAR**
PR: CI. The content of the course will be governed by the student demand and instructor interest. May be lecture or class discussion or studio format.
- TPA 2200 Introduction to Technical Theatre I (3) VP TAR**
CR: TPA 2290L or CI. An introductory course in technical production including coursework in the areas of scenic construction, theatre production/organization, and sound. Required for Theatre majors. Requires sequential semester enrollment with TPA 2211 and TPA 2291L. Open to non-majors.
- TPA 2211 Introduction to Technical Theatre II (3) VP TAR**
CR: TPA 2291L or CI. An introductory course in technical production including stage lighting, costume construction, and sound. Required for Theatre majors. Requires sequential semester enrollment with TPA 2200 and TPA 2290L. Open to non-majors.
- TPA 2248 Workshop In Stage Makeup (1) VP TAR**
Beginning theory and practice in make-up for the stage. Open to non-majors. Theatre majors given preference. A studio course.
- TPA 2290L Technical Theatre Lab I (1) VP TAR**
CR: TPA 2200 or CI. A practical laboratory involving the performance preparation of all technical aspects of a major production such as: painting, sewing, lighting, and sound. Students are assigned two areas of study per semester. Required of all Theatre majors. Open to non-majors.
- TPA 2291L Technical Theatre Lab II (1) VP TAR**
CR: TPA 2211 or CI. A practical laboratory involving the performance preparation of all technical aspects of a major

production such as: painting, sewing, lighting, and sound. Students are assigned two areas of study per semester. Required of all Theatre majors. Open to non-majors.

TPA 2292 Production Involvement I (1) VP TAR

PR: TPA 2200, TPA 2290L, TPA 2211, TPA 2291L or CI. The rehearsal, construction, and performance of major theatrical works. Assignments are made by a faculty committee following the students completion of a PI request form, available in the Theatre Office, and enrollment in this course.

TPA 3007 Introduction to Design I (3) VP TAR

PR: TPA 2200, TPA 2211, TPA 2290L, and TPA 2291L. Open to non-majors. This course will include lectures, demonstrations, individual student presentations, and studio activities. The course work will provide an introduction to the various aspects of design including: two and three dimensional design, basic presentation and visual communication skills, research, and project analysis/organization.

TPA 3008 Introduction to Design II (3) VP TAR

PR: TPA 3007. This course will include lectures, demonstrations, individual student presentations, and studio activities. The course work will provide an introduction to the various aspects of design including: two and three dimensional design, basic presentation and visual communication skills, research, and project analysis/organization. Open to non-majors.

TPA 3208 Drafting and CAD I (3) VP TAR

PR: TPA 2200, TPA 2211, TPA 2290L and TPA 2291L. The course will include lectures, demonstrations, individual student presentations, and studio activities. The course work will provide an opportunity to develop skills and techniques in the visual presentation of various design and technical draftings. Open to non-majors.

TPA 3221 Lighting: Theory And Practice (3) VP TAR

PR: TPA 3208 or CI. Intermediate lighting design course concerned with graphic presentations, color theory, design concepts, and practical experience with computer lighting systems. A requirement in the design track/lighting.

TPA 3231 Costume Construction (3) VP TAR

PR: TPA 3208 or CI. A practical course in the drafting of patterns for costuming the actor. Materials, skills, and techniques for construction of costumes and costume accessories will be treated. Included topics are millinery, footwear, jewelry, masks, armor, courtesy; both period and modern.

TPA 3251 Drafting and CAD II (3) VP TAR

PR: TPA 3208. Continuation of TPA 3208. The course will include lectures, demonstrations, field trip(s), individual student presentations, and studio activities. The course work will provide an opportunity to develop your skills and techniques in the visual presentation of various design and technical draftings. Open to non-majors.

TPA 3265 Sound For The Stage (3) VP TAR

PR: TPA 2200, TPA 2290L, TPA 2211, and TPA 2291L. Open to non-majors with CI. Basic study of audio components, fundamental properties of sound, multiple channel recording, editing, reproduction and reinforcement. Methods and techniques used in theatre to create sound effects.

TPA 3296 Design Practicum (2) VP TAR

PR: TPA 3008. This is a studio/laboratory course in the practical aspects of production. The course is intended to provide realized production experience to the advanced theatre design student in such areas as costume, lighting, and scenic design; stage properties design; technical direction; and theatrical production craft/skill areas. The student will be individually mentored by a faculty member through the process of developing and realizing a production design/craft/skill.

TPA 3601 Stage Management (2) VP TAR

PR: TPA 2200, TPA 2290L, TPA 2211, and TPA 2291L. Open to non-majors with CI. A practical course in the working organizational function of the stage manager in theatre, dance, opera, and other live performance situations.

TPA 3840 Puppetry Performance And Production (4) VP TAR

PR: TPA 2200, TPA 2290L, TPA 2211, and TPA 2291L. Open to non-majors with CI. The creation, building, rehearsal, and performance of plays for puppet theatre.

TPA 4011 Design Studio I (3) VP TAR

PR: TPA 3008 and TPA 3208 plus two of TPA 3231, TPA 3221, or TPA 3251. TPA 4011 will include studio design project activities in the areas of costume, lighting, and scenic design. The course work will stress the nature of collaborative work and the various stages and processes involved with the development of a design from the first meeting to the final paper/model design.

TPA 4012 Design Studio II (3) VP TAR

PR: TPA 4011. This course will include studio design project activities in the areas of costume, lighting, and scenic design. The course work will stress the nature of collaborative work and the various stages and processes involved with the development of a design from the first meeting to the final paper/model design. Evaluation of the project will emphasize the process followed in the development of the design including thumbnail/idea sketching, research, and production concept. The course will include seminar (production) discussions, lectures, demonstrations, individual and group work, and individual student presentations.

TPA 4013 Design Studio III (3) VP TAR

PR: TPA 4012. This course will include studio design project activities in an individual's selected primary and secondary areas of costume, lighting, and/or scenic design. The course work will stress the nature of collaborative work and the various stages and processes involved with the development of a design from the first meeting to the final paper/model design.

TPA 4077 Scene Painting (2) VP TAR

PR: TPA 3007. Open to upper level non-majors with CI. A practical course in the painting of stage scenery: media and application.

TPA 4273 Stage Properties: Techniques And Materials Studio (2) VP TAR

PR: TPA 3007. Open to upper level non-majors with CI. Demonstration of and experience with materials used in construction of stage properties. Modeling of prototypes and basic casting techniques. Organization of shop.

TPA 4293 Production Involvement II (1) VP TAR

PR: TPA 2292 or CI. The rehearsal, construction, and performance of major theatrical works. Assignments are made by a faculty committee following the student's completion of a PI request form, available in the Theatre Office, and enrollment in this course.

TPA 4298 Advanced Design Practicum (3) VP TAR

PR: TPA 4011. This is a studio/laboratory course in the practical aspects of production. The course is intended to provide realized production experience to the advanced theatre design student in such areas as costume, lighting, and scenic design; stage properties design; technical direction; and theatrical production craft/skill areas. The student will be individually mentored by a faculty member through the process of developing and realizing a production design/craft/skill.

TPP 2110 Voice-Body-Improvisation (3) VP TAR

Exploring the elements basic to acting skills, a participation course. Required of all theatre majors. Open to non-majors.

TPP 2190 Studio Theatre Performance I (1) VP TAR

PR: TPP 2110, THE 2020. A practical laboratory involving the rehearsal and performance of a major production. Activities may include acting, directing, stage management, and the activities of the performance production crews. Placement by audition. If cast in production student must accept role. Required of all Theatre majors. May be repeated. Open to non-majors with CI.

TPP 2500 Body Disciplines (2) VP TAR

PR: TPP 2110. A laboratory course in various disciplines or systems and understanding the body's motive powers, with focus on their use for the stage performer.

TPP 3121 Improvisation I (3) VP TAR

PR: TPP 2110. An intensive study in improvisation as an enhancement of the actor's skill. Exercises and theatre games as flexible forms which accommodate improvisation and physical invention are examined and used to develop group creativity.

TPP 3155 Scene Study I (3) VP TAR

PR: Audition and all core 2000 level courses. Identify and investigate the fundamental elements of acting as applied to scene exploration, rehearsal, and presentation.

TPP 3230 Laboratory Workshop In Performance (3) VP TAR

PR: Audition and TPP 2110. May be repeated twice for a total of 9 hours credit. Open to upper level non-majors by audition only. The content of the course will be governed by student demand and instructor interest.

TPP 3580 Special Skills In Movement (2) VP TAR

PR: TPP 2110 or CI. May be repeated for credit. Open to upper level non-majors with CI. Stage combat, circus and acrobatic techniques, and other special techniques of movement.

TPP 3790 Voice Preparation For The Actor (3) VP TAR

PR: TPP 2110. A concentrated laboratory on freeing the breathing function, developing body and oral resonance, and strengthening muscles used on the formation of speech sounds.

TPP 3920 Acting Studio I (8) VP TAR

PR: Audition, all lower level core theatre courses and junior standing. An intensive and comprehensive ensemble workshop that explores the basic principles of acting and the skills necessary for play, scene and character analysis. An emphasis is placed

398 USF Course Descriptions

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

on the integration of body, voice, mind and emotions. This course will be team taught by the Performance faculty.

TPP 3921 Acting Studio II (8) VP TAR

PR: TPP 3920. A continuation of Acting Studio I with greater emphasis on addressing individual needs in order to explore emotionally complex characters and scenes in an intensive and systematic way. This course will be team taught by the Performance faculty.

TPP 4140 Styles Of Acting (3) VP TAR

PR: TPP 4180 and audition or CI. Examination of the actor's craft and skills needed to fulfill the demands of classical theatre forms.

TPP 4180 Advanced Scene Study (3) VP TAR

PR: Audition and TPP 3155 or TPP 3921. An acting workshop focusing on application of character development and rehearsal techniques over a sustained period leading toward a project showing at semester's end.

TPP 4193 Studio Theatre Performance II (1) VP TAR

PR: TPP 2190. A practical laboratory involving the rehearsal and performance of a major production. Activities may include acting, directing, stage management, and the activities of the performance production crews. Placement by audition. If cast in production student must accept role. Required of all Theatre majors. May be repeated. Open to non-majors with CI.

TPP 4220 Audition Workshop for Actors (2) VP TAR

PR: TPP 3155 or TPP 3921. Preparation for professional audition; discussion of professional objectives.

TPP 4310 Directing I (3) VP TAR

PR: TPP 3155 or TPP 3230. An elective sequence in directing. A workshop course in which the student first encounters the basic tasks of the director by preparing and directing one or two scenes and then progresses to more complex scene work in a variety of styles and finally proceeds to the short play or theatre pieces.

TPP 4311 Directing II (3) VP TAR

PR: TPP 4310 and CI. An elective sequence in directing. A workshop course in which the student first encounters the basic tasks of the director by preparing and directing one or two scenes and then progresses to more complex scene work in a variety of styles and finally proceeds to the short play or theatre pieces.

TPP 4600 Writing For The Theatre (3) VP TAR

PR: TPP 3110 or THE 3111. An elective sequence in writing, in which the student first encounters the problems unique to dramatic language and situation, then progresses to complexities of character, plot, and stage dynamics. Normally the aim would be to complete several performance-worthy self-contained scenes.

TPP 4920 Senior Workshop For Actors (3) VP TAR

PR: TPP 2500, TPP 3790, TPP 3155, or TPP 3921. A workshop in advanced vocal and movement techniques.

TPP 4923 Music Theatre Workshop (3) VP TAR

PR: TPP 2110 and audition. Open to non-majors by audition only. Exploration of Musical Theatre materials and performance techniques for the performer. Individual and ensemble work.

TSL 4374 Methodology of Teaching English Overseas (3) AS WLE

PR: Upper-level standing. Designed to introduce and prepare the enrollee in the various facets of teaching English as a foreign language in the overseas setting. It will include aspects of teaching verbal skills and comprehension as well as writing. It involves a practicum at the English Language Institute on campus.

TSL 5321 ESOL Strategies for Content Area Teachers (3) AS WLE

Course designed for public school teachers working with limited English Proficient (foreign) students in the classroom. The new ESOL requirements specify that this course be offered to content area teachers and to ESOL teachers.

TSL 5371 Methods of Teaching English As A Second Language (3) AS WLE

Analysis of the methods of teaching English pronunciation and structure to speakers of other languages.

TSL 5372 ESOL Curriculum and Instruction (3) AS WLE

Analysis of the methods of teaching English pronunciation and structure to speakers of other languages.

TSL 5471 Language Testing (3) AS WLE

PR: TSL 5371. Lecture course on testing English as a second/foreign language.

TSL 5525 Cross-Cultural Issues in ESL (3) AS WLE

PR: LIN 5700. Lecture course on cultural issues in Teaching English as a Second/Foreign language.

TTE 4004 Transportation Engineering I (3) EN EGX

PR: EGN 3321. Principles of surface transportation system development, design, and operations; administration, modal characteristics, capacities, and functional classifications; vehicle kinematics, human factors and minimum design standards; traffic flow theory and queuing, capacity and signalization; transportation planning and economics.

TTE 4005 Transportation Engineering II (3) EN EGX

PR: TTE 4004. Techniques for the geometric route design of surface transportation systems; horizontal and vertical alignments. Spiral curves, superelevations and earthwork analysis; drainage, soils, and a rigid and flexible pavement design; right-of-way acquisition and Environmental Impacts; site layout & design, and operation of alternate models including bus, air, rail, water, and pipeline facilities and terminals.

TTE 5205 Traffic Systems Engineering (3) EN EGX

PR: TTE 4004 or equivalent. Traffic models, intersection analysis, capacity analysis, data methods collection, parking studies, volume and speed studies, freeway management, and advanced technologies.

TTE 5501 Transportation Planning and Economics (3) EN EGX

PR: College Algebra & CI. Fundamentals of urban transportation planning: trip generation, trip distribution, modal split, traffic assignment. Introduction to environmental impact analysis, evaluation and choice of transportation alternatives.

URP 4050 City Planning and Community Development (3) AS POL

An introduction to the development, role, and components of city planning, and the political and actual policies of government in attempting to regulate or control urbanization.

URP 4052 Urban and Regional Planning (4) AS GPY

PR: GEO 2420, GEO 3602. The geographic foundations of the modern city, metropolitan development, and the trend toward megalopolis. Examined are the political problems of conflicting jurisdictions at the local, county, state, national, and international levels.

URS 3002 Introduction to Urban Studies (3) AS ISS

An interdisciplinary introduction to the process of urbanization in the United States and the diverse communities it has created. Study of the Tampa Bay region is emphasized.

VIC 3001 Introduction to Visual Communications (3) AS COM

PR: MMC 2100 and MMC 3602. Survey of visual communication theory, techniques and contemporary application in the visual media. Critical examination of visual communication in newspapers, magazines, television, motion pictures and new media.

VIC 3943 Visual Communication Practicum (1) AS COM

PR: Senior standing and CI. For visual communications option majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

WOH 3293 Islam in World History AF HP (4) AS HTY

This course examines the origins, spread, and development of Islam within the context of the main global historical processes and events of the past 1500 years.

WST 2250 Female Experience in America HP (3) AS WST

The female experience in America, in historical context, with an emphasis on women in families of various classes, races, and ethnic groups from colonial times to 1870.

WST 2600 Human Sexual Behavior SS (3) AS WST

The dynamics of human sexuality: biological, constitutional, cultural, and psychological aspects. The range of sexual behavior across groups. Sources of beliefs and attitudes about sex, including sex roles and especially human sexuality.

WST 3015 Introduction to Women's Studies SS AF (3) AS WST

Survey of major issues relevant to the female experience. The women's movement: historical, psychological, sociological, anthropological perspectives.

WST 3210 European Feminist History: Pre-18th Century 6A HP (3) AS WST

Survey of European feminist history prior to the 18th century (focusing primarily on Western Europe). Examines women's lives, roles, ideas, as well as origins of Western attitudes toward relation of power to gender, race and class. No prerequisites.

WST 3220 European Feminist History: Enlightenment to the Present HP (3) AS WST

A survey of European feminist history from the 18th century through the 20th century (focusing primarily on Western Europe). Examining women's lives, roles and ideas, as well as the dominant attitudes toward women over this time period.

WST 3225 Women, Environment and Gender MW (3) AS WST

Course designed to: provide students with a basic understanding of relationships between women's physical, health and

occupational environments; consider the position of women regarding environmental issues; examine role that women can and do play in effecting environmental change; and analyze concepts related to ecofeminism.

WST 3311 Issues in Feminism SS (3) AS WST

Survey of major issues relevant to the female experience: marriage and the family, sexuality, work, creativity.

WST 3440 Women and Social Action SS (3) AS WST

Course focuses on ordinary women working collectively in diverse social settings to empower themselves and others to challenge gender stereotypes; to reduce harassment, poverty, violence and homelessness; to enhance health-care and family life and to confront barriers in education, the media and the criminal justice system.

WST 4262 Literature by Women of Color in the Diaspora 6A LW (3) AS WST

Will not be counted toward the English major. An introduction to contemporary women writers of color in the U.S.: Native Americans, African Americans, Asian Americans, and Chicanas/ U.S. Latinas. Readings will include literature and contextual articles on historical and cultural issues.

WST 4310 History of Feminism in the U.S. 6A MW (3) AS WST

A study of feminist critiques of American women's experiences and status, and their implications for women's lives, by 19th- and 20th-century theorists, and how adequately these various critiques address the intersections of gender, class, ethnicity, and race.

WST 4320 The Politics of Women's Health (3) AS WST

Explores current issues and concerns in the conceptualization and delivery of health information and health care for women from a feminist perspective, with a special emphasis on ways in which we can inform and help ourselves.

WST 4335 Women and Film (4) AS WST

A study of representation of women in Hollywood films and the responses of feminist film theorists and filmmakers working in documentary, experimental and narrative modes.

WST 4350 Women and Science MW (3) AS WST

An examination of selected issues related to women and the natural and physical sciences including: historical participation of women in science, current status of women in science, and feminist critiques of science as a discipline.

WST 4410 Third World Women Writers 6A LW (3) AS WST

Will not be counted toward the English major. Introduces the literature of women from various anglophone countries in Africa, the Caribbean, and South Asia; some U.S. writers will be included to represent a third world diasporic consciousness.

WST 4522 Classics in Feminist Theory MW (3) AS WST

A study of classic contributions to the elaboration of feminist thought from the 18th century to the present in an attempt to discover the roots of the contemporary feminist movement.

WST 4561 Contemporary Feminist Theory (3) AS WST

PR: Completion of one upper division Women's Studies course. An exposure to and an exploitation of a wide range of current feminist theories and debates, as well as an examination of the possible political and practical implications for various theoretical positions.

WST 4900 Directed Readings (1-3) AS WST

PR: Registration requires instructor's written consent and signed contracts from instructor of choice. To provide advanced students with interdisciplinary research experience in areas of specific interest.

WST 4910 Directed Research (1-3) AS WST

PR: Registration requires written contract signed by student and instructor of choice. To provide advanced students with interdisciplinary research experience in areas of specific interest.

WST 4930 Selected Topics (1-4) AS WST

Study in special areas such as Women and Work, Reproductive Law, Women and Health.

WST 4935 Seminar in Women's Studies (3) AS WST

PR: Women's Studies Major and 24 credit hours in Women's Studies. Recognizing the interplay between personal connections and intellectual experience, this capstone course is designed to focus on topical areas related to women's studies and facilitate linking student learning experience to future plans.

WST 5308 Feminist Spirituality (3) AS WST

Open to non-majors. Focuses on the many voices of contemporary feminist spirituality, emerging from women's experiences in diverse religious, ethnic and cultural traditions, and representing a range of theoretical perspectives from biblical feminism to goddess worship and wicca.

WST 5825 Internship in Women's Studies (3) AS WST

PR: Must have completed Comprehensive Exam. Majors Only. All required courses in MA program, CC. Student placement in approved intern setting for a minimum of 150 hours of supervised experience. S/U. Department Approval Required.

WST 5934 Selected Topics (1-4) AS WST

PR: DPR. Study of current research methods and scholarship on women from a multidisciplinary perspective.

WST 5940 Internship in Women's Studies (3-6) AS WST

PR: Majors only. All required courses in MA program, CC. Permit. Student placement in an approved intern setting for a minimum of 240 hours of supervised experience. S/U only.

YOR 1120 Yoruba I (4) AS WLE

This course is designed to familiarize students with modern orthography and to develop skills in reading, writing, speaking, and understanding spoken Yoruba. Pronunciation in Yoruba and achieving basic communicative competence in the language are among the skills to be attained in the course.

ZOO 2303 Vertebrate Zoology (3) AS BIO

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L. The origin, diversity, and adaptations of the vertebrates. Phylogenetic systematics (cladistics) will be used as the basis for determining evolutionary relationships of organisms. Monophyletic groupings provide a framework for examining behavior, physiology, and ecology in an explicit evolutionary context. Vertebrates common to Florida and the southeastern United States will be emphasized.

ZOO 2710C Anatomy of Chordates (4) AS BIO

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L. Anatomy of selected vertebrate types emphasizing evolutionary trends. Lec.-lab.

ZOO 3205C Advanced Invertebrate Zoology (4) AS BIO

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L. An introduction to the major invertebrate groups, with emphasis on local forms. Field work will be required. Lec.

ZOO 3713C Comparative Vertebrate Anatomy (4) AS BIO

PR: BSC 2010, BSC 2011. Anatomy of selected vertebrate types emphasizing evolutionary trends. Lec.-Lab.

ZOO 4512 Sociobiology MW (3) AS BIO

This course is restricted to seniors. Not for major's credit. An analysis of Animal and human behavior such as sex, territoriality, and aggression in the context of evolution.

ZOO 4513C Animal Behavior (3) AS BIO

PR: PCB 3043 or PCB 3063. An introduction to comparative animal behavior (Ethology), with emphasis on communication, social use of space, and behavioral evolution.

ZOO 4603 Animal Embryology (4) AS BIO

PR: PCB 3023. Structural and functional events involved in differentiation and morphogenesis. Lec.-lab.

ZOO 4753C Histology (4) AS BIO

PR: PCB 3023 and PCB 3063. Comparative approach to the study of tissues and the relation of their structure and function. Lec.-lab.

ZOO 5235 Parasitology (3) AS BIO

PR: MCB 3020C, PCB 3023, PCB 3043, PCB 3063, ZOO 3205C, ZOO 4753C, Cl. Fundamentals of animal parasitology and parasitism, the biology of selected animal parasites, including those of major importance to man.

ZOO 5456 Ichthyology (3) AS BIO

PR: Senior or GS in Biology; ZOO 2701C, Cl. PCB 4674 is suggested. Evolution, systematics, structure, behavior, physiology, and ecology of fishes.

ZOO 5456L Ichthyology Lab (1) AS BIO

CR/PR: ZOO 5456 Laboratory portion of Ichthyology relating to evolution, systematics, structure, behavior, physiology and ecology of fishes.

ZOO 5463C Herpetology (4) AS BIO

PR: Cl. Major aspects of amphibian and reptilian biology emphasizing fossil history, evolutionary morphology, sensory physiology, life history and reproductive behavior. Lec.-lab. Field trip.

ZOO 5555C Marine Animal Ecology (4) AS BIO

PR: PCB 3043, senior standing, Cl. Investigation of energy flow, biogeochemical cycles, and community structure in marine environments. Lec.-lab.

ORGANIZATION & PERSONNEL

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Administration of State Universities

State Board of Education

F. Philip Handy, Chairman
Linda J. Eads
T. Willard Fair
Charles Patrick Garcia
Julia L. Johnson
William "Bill" Proctor
Linda Taylor
Commissioner John Winn

Florida Board of Governors

Carolyn K. Roberts, Chair
John Dasburg, Vice Chair
Pamela "Pam" Bilbrey
Dr. Castell V. Bryant
Miguel De Grandy
Jarrett R. Eady
Rolland Heiser
Sheila M. McDevitt
Gerri Moll
Lynn Pappas
Ava L. Parker
Peter S. Rummell
John W. Temple
Steven Uhlfelder
Commisioner John Winn
H. Dreamal I. Worthen
Zachariah P. Zachariah

ORGANIZATION & PERSONNEL

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Board of Trustees of the University of South Florida

Richard A. "Dick" Beard, III, Chairperson

Lee E. Arnold, Jr.
Steven G. Burton
Margarita R. Cancio, M.D.
Bijal Chhadva
Ann Wilkins Duncan
Sonja W. Garcia
Susan Greenbaum, Ph.D.
Rhea F. Law
Kiran C. Patel, M.D.
John B. Ramil
Debbie N. Sembler
Robert L. Soran

LAKELAND CAMPUS BOARD

John W. Frost, II
Carole F. Philipson
John B. Ramil
Kelly T. Underhill

SARASOTA/MANATEE CAMPUS BOARD

Charles R. Baumann
Lynnette Edwards
Jan E. Smith
Robert L. Soran
Clifford Walters

ST. PETERSBURG REGIONAL CAMPUS BOARD

Ricardo Davis
Ann Wilkins Duncan
Bill Habermeyer
Frances "Gus" A. Stavros
David Welch

OFFICE OF THE PRESIDENT

President	JUDY L. GENSHAFT
Chief of Staff	CYNTHIA S. VISOT
Assistant VP, Strategic Communications	MICHAEL REICH
Director, Athletics	DOUG WOOLARD
Associate Vice Presidents, Government Relations	KATHLEEN A. BETANCOURT
General Counsel	JEFFREY MUIR
Associate VP, Diversity and Equal Opportunity	STEVEN PREVAUX
<i>Director:</i>	TED WILLIAMS
Audit and Compliance, Office of University Events & Ceremonies	MARIE HUNNIECUTT JENNA FELDER

ACADEMIC AFFAIRS

Provost and Vice President	RENU KHATOR
Vice Provost	RALPH WILCOX
Vice Provost	R. S. F. CHANG
Associate Provost	PHILIP L. SMITH
Associate Vice President	CAROL ROLF
Associate Vice President	KATHLEEN M. MOORE
Assistant Vice President (Interim)	KOFI GLOVER
<i>Associate Vice President:</i>	
Enrollment Planning & Management	TBA
<i>Directors:</i>	
Academic Computing	J. ANTHONY LLEWELLYN
Academic Support System	ANGELA DeBOSE
Admissions	TBA
Adult & Transfer Student Services/ Student Enrollment Communications Center	MARSHA LOGAN
Coalition for Science Literacy	GERRY MEISELS
Financial Aid	LEONARD GUDE
Florida Institute of Oceanography	JOHN C. OGDEN
Florida Policy Exchange Center on Aging	LARRY POLIVKA
Institute on Black Life	GEOFFREY O. OKOGBAA
New Student Orientation	JUDY LUEDTKE
Oasis Project Manager	FRANK CASEY
Student Academic Support System	ROLANDA LEWIS

HEALTH SCIENCES CENTER

Vice President (Interim)	ROBERT J. BELSOLE
<i>Associate Vice Presidents:</i>	
Advancement	MICHAEL J. HOAD
Biotechnology Development	PAUL R. SANBERG
Business Affairs & Technology	JOANN M. STROBBE
Faculty & Staff Affairs	PAULA N. KNAUS
Interdisciplinary Oncology (Interim)	W. MICHAEL ALBERTS
Organizational Development	KATHLEEN A. CONABOY
Research	PHILLIP J. MARTY
Strategic Planning, Analysis & Operations	PATRICIA C. HAYNIE
<i>Assistant Vice Presidents:</i>	
Communications	HOLLY KICKLITER GREENE
Development	ARTEMIS GIALLOURAKIS
Operations & Facilities	JOHN P. LISTON
Technology/CIO	MICHAEL C. HUDSON
<i>Directors:</i>	
Ambulatory Operations	BARBARA C. CORDELL
Central Services	WAYNE A. SPANTON

Community Relations	HIRAM R. GREEN
Comparative Biomedicine	ROBERT W. ENGELMAN
Faculty Relations	MARGARET Y. GORDON
Human Resources	BRIAN J. ALLMAN
Library/Media Center	BEVERLY A. SHATTUCK
Medical Health Administration/OSHA	DELORES O. CRAIG
Public Affairs	ANNE DELOTTO-BAIER

College of Medicine

Vice President (Interim)	ROBERT J. BELSOLE
Executive Associate Dean, Academic Affairs	JOHN S. CURRAN
<i>Associate Deans:</i>	
Admissions & Student Affairs	STEVEN C. SPECTER
Biotechnology	PAUL R. SANBERG
Business Affairs & Technology	JOANN M. STROBBE
Clinical Affairs	ROBERT J. BELSOLE
Clinical Outreach	RICHARD P. HOFFMANN
Curriculum & Medical Education	PAUL M. WALLACH
Diversity Initiatives	MARVIN T. WILLIAMS
Faculty & Staff Affairs	PAULA N. KNAUS
Graduate Affairs	JOSEPH J. KRZANOWSKI
Graduate Medical Education & Veterans Affairs	PETER J. FABRI
Research	PHILLIP J. MARTY
<i>Assistant Deans:</i>	
Clinical Outreach	HEIDI M. STEPHENS
Clinical Finance, Planning and Analysis	KAREN M. BURDASH
Student Affairs	CAROLYN W. NICOLOSI
<i>Chairpersons:</i>	
Anatomy	CHRISTOPHER P. PHELPS
Anesthesiology	RAFAEL MIGUEL
Biochemistry & Molecular Biology	LARRY P. SOLOMONSON
Family Medicine	H. JAMES BROWNLEE
Interdisciplinary Oncology (Interim)	W. MICHAEL ALBERTS
Internal Medicine	ALLAN L. GOLDMAN
Medical Microbiology & Immunology (Interim)	THOMAS W. KLEIN
Neurology	PETER B. DUNNE
Neurosurgery	HARRY R. van LOVEREN
Obstetrics & Gynecology (Interim)	MICHAEL T. PARSONS
Ophthalmology	PETER R. PAVAN
Otolaryngology	THOMAS V. McCAFFREY
Pathology & Laboratory Medicine	SANTO V. NICOSIA
Pediatrics	ROBERT D. CHRISTENSEN
Pharmacology & Therapeutics	LYNN WECKER
Physiology & Biophysics	BRUCE G. LINDSEY
Psychiatry & Behavioral Medicine	FRANCISCO FERNANDEZ
Radiology	ROBERT A. CLARK
Surgery	RICHARD C. KARL
<i>Directors:</i>	
Admissions	ROBERT E. LARKIN
Area Health Education Center	CYNTHIA S. SELLECK
Business Affairs	JEAN G. NIXON
Compliance Services	PATRICIA J. BICKEL
Continuing Professional Education	DEBORAH SUTHERLAND
Development	SARA LEONARD
Diabetes Center (Co-Directors)	JOHN I. MALONE
Dialysis Center (Acting)	ANTHONY D. MORRISON
Suncoast Gerontology Center	RAMON LOPEZ DEL VALLE
Swallowing Disorders, Center for	ERICA PFEIFFER
USF Physicians Group	H. WORTH BOYCE, JR.
School of Physical Therapy	BRIAN T. SMITH
Director	MARTHA A. CLENDENIN

College of Nursing

Dean	PATRICIA A. BURNS
<i>Associate Deans:</i>	
Academic Affairs	JUDITH KARSHMER
Research	MARY EVANS
Assistant to the Dean	ANNE PHILLIPS
<i>Directors:</i>	
Doctoral Program	MARY EVANS
Master's Program	LOIS GONZALEZ
Baccalaureate Program	DEBORAH CONDOSTA CARLA NYE

College of Public Health

Dean	DONNA PETERSEN
Associate Dean for Research	ANN C. DeBALDO
Associate Dean for Academic Affairs	KAREN LILLER
Assistant Dean for Administration and Finance	JAY EVANS
<i>Chairpersons:</i>	
Community and Family Health	JEANNINE COREIL
Environmental and Occupational Health	THOMAS BERNARD
Epidemiology and Biostatistics	HEATHER STOCKWELL
Health Policy and Management	BARBARA ORBAN
Global Health	BOO KWA
Director, Pre-Admission Advising	MAGDALENE ARGIRY
Coordinator, Student Affairs	BEVERLY SANCHEZ
Coordinator, Undergraduate Advising	SUZANNE PERRY-CASSLER

College of Arts and Sciences

Dean (Interim)	KATHLEEN HEIDE
Associate Dean	BRUCE COCHRANE
Associate Dean	ARTHUR GUILFORD
Associate Dean	SANDRA SCHNEIDER
<i>Directors:</i>	
Facilities, Safety, and Security	JAMES GAREY
Undergraduate Studies	KATHARINE COLE
<i>Department Chairpersons:</i>	
Africana Studies	TREVOR PURCELL
Anthropology	ELIZABETH BIRD
Biology	SIDNEY PIERCE
Chemistry	MIKE ZAWOROTKO
Communication	ERIC M. EISENBERG
Communication Sciences & Disorders (Interim)	THERESA CHISOLM
Criminology	DWAYNE SMITH
Economics	KWABENA GYIMAH-BREMPPONG
English	ALMA BRYANT
Environmental Science and Policy (Interim)	RICKOCHES
Geography	KEVIN ARCHER
Geology	CHUCK CONNOR
Government & International Affairs	MOHSEN M. MILANI
History	WILLIAM MURRAY
Humanities & American Studies	SILVIO GAGGI
Mathematics	M. M. McWATERS
Philosophy	ROGER ARIEW
Physics	PRITISH MUKHERJEE
Psychology	EMANUEL DONCHIN
Rehabilitation and Mental Health Counseling	CHARLOTTE DIXON

Religious Studies	DANNY JORGENSEN
Sociology	MARALEE MABRY
Women's Studies	KIM VAZ
World Language Education	VICTOR PEPPARD

<i>Directors:</i>	
Aging Studies, School of	WILLIAM E. HALEY
Botanical Gardens	LAURIE WALKER
Herbarium	RICHARD P. WUNDERLIN
Library and Information Science, School of	VICKI GREGORY
Mass Communications, School of	J. FRIEDLANDER
Medical Technology Administrator	KATHARINE COLE
Social Work, School of	WILLIAM ROWE
<i>Program Directors:</i>	
Interdisciplinary Social Sciences	KENNAN FERGUSON
International Studies	DARRELL SLIDER
Political Science	EDWIN BENTON
Public Administration	J. E. PYNES

College of Business Administration

Dean	ROBERT L. ANDERSON
Associate Dean	RICHARD L. MEYER
<i>Chairpersons:</i>	
Economics	KWABENA GYIMAH-BREMPPONG
Finance	SCOTT BESLEY
Information Systems/Decision Sciences	STANLEY J. BIRKIN
Management	G. ALAN BALFOUR
Marketing	MIRIAM STAMPS
<i>Directors:</i>	
School of Accountancy	ROBERT M. KEITH
Center for Economic Development Research	DENNIS COLIE
Center for Economic Education	DICK J. PUGLISI
Center for Economic Policy Analysis	PHILIP PORTER
Center for Entrepreneurship	MICHAEL FOUNTAIN
Center for International Business	MARIA CRUMMETT-SANDOVAL
Development (Acting)	LAWRENCE H. WALL
Institute for Information Systems Management	STANLEY J. BIRKIN
MBA Programs	STEVEN A. BAUMGARTEN
Small Business Development	IRENE J. HURST
Undergraduate Advising and Programs	JACQUELINE R. NELSON

College of Education

Dean	COLLEEN S. KENNEDY
Associate Dean, Academic Affairs	CARINE FEYTEN
Associate Dean (Interim)	EDSTEINER
Asst. Dean, Education/Business Partnerships	DICK J. PUGLISI
<i>Chairpersons:</i>	
Department of Childhood Education	MARCIA MANN
Educational Measurement/Research	LOU CAREY
Educational Leadership and Policy Studies	JUDITH PONTICELL
Adult, Career and Higher Education (ACHE) (Interim)	BOB SULLINS
Psychological and Social Foundations	HAROLD KELLER
School of Physical Education, Wellness, and Sport Studies	MICHAEL STEWART

404 ORGANIZATION & PERSONNEL

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Secondary Education (Interim)	JOAN KAYWELL
Special Education	DAPHNE THOMAS
<i>Directors:</i>	
David C. Anchin Center for the Advancement of Teaching (Interim)	JEANLINDER
Centers of Emphasis	JACK GRISHAM
Center for Action Research on Urban Schools and Effective Leadership	BRENDA TOWNSEND
Center for the Study of Child-Writing	JIM KING
Center for the Study of Migrant Education	ANN CRANSTON-GINGRAS
Center for Research on Children's Development and Learning (Children Center)	KOFI MARFO
College Reach-Out	ROBERT DAVIS
Development	DICK DEAROLF
Florida Center for Instructional Technology (FCIT)	ROY WINKLEMAN
Florida Center for the Study of Technology in Physical Activity	MICHAEL STEWART
Florida Diagnostic Learning and Resource System (FDLRS)	KAREN MOFFITT
Graduate Programs	DIANE BRISCOE
Institute for At-Risk Infants, Children and Youth and Their Families	NEAL BERGER
Institute for Instructional Research and Practice (IIRP)	NEAL BERGER
Institute for School Reform, Integrated Services, Child Mental Health and Educational Policy	GEORGE BATSCHKE
Middle Grades Resource Center	SANDRA SCHURR
Stavros Center for Free Enterprise and Economic Education	DICK J. PUGLISI
Student Academic Services	DIANE BRISCOE
SunCoast Area Teacher Training (SCATT)	JEANLINDER
Technology Services and Resources (TSR)	SCOTT SEIFRIET
Upward Bound	ROBERT DAVIS
Undergraduate Programs and Internship (Interim)	PAULETTE WALKER
USF Preschool for Creative Learning (Formerly Educational Research Center for Child Development ERCCD)	TBA
Very Special Arts of Florida (FDLRS)	GAY DRENNON

College of Engineering

Dean	LOUIS MARTIN-VEGA
<i>Associate Deans:</i>	
Academics	CARLOS A. SMITH
Outreach and Special Projects	PAULE GIVENS
Research	ROBERT P. CARNAHAN
<i>Chairpersons:</i>	
Chemical Engineering	BABU JOSEPH
Civil and Environmental Engineering	SUNIL SAIGAL
Computer Science and Engineering	RANGACHARI KASTURI
Electrical Engineering	DON MOREL
Industrial and Management Systems Engineering	JOSE L. ZAYAS-CASTRO
Mechanical Engineering	RAJIV DUBEY
<i>Directors:</i>	
Admission and Advising	KATHERINE JOHNSON
Engineering Computing	SURESH KHATOR
Nano-Materials, Nano-Manufacturing Research Center	MICHAEL KOVAC

Center for Urban Transportation Research	EDWARD MIERZEJEWSKI
College of Engineering Facilities Development	STANLEY KRANC
Florida Engineering Education Delivery System	ALICIA SLATER-HAASE
Lakeland	SALLY SZYDLO
Recruitment and Retention	FRANK YOUNG
	EVA FERNANDEZ

Educational Outreach

Associate Vice President	KATHLEEN MOORE
<i>Directors:</i>	
Business and Financial Services	DAVID BAIRD
Continuing Education	RICHARD BYHAM
Graduate Certificates	LAGRETTA LENKER
Classroom Technology Services	LYNN REJNIAK

Louis de la Parte Florida Mental Health Institute

Dean	DAVID L. SHERN
Associate Dean	CATHERINE BATSCHKE
Assistant Dean	CYNTHIA J. STARK
<i>Chairpersons:</i>	
Aging & Mental Health	LARRY DUPREE
Child & Family Studies	ROBERT M. FRIEDMAN
Mental Health Law & Policy	JOHN PETRILA
<i>Directors:</i>	
State Liaison	PATRICIA ROBINSON
Center for Autism and Related Disabilities	DON KINCAID
Research & Training Center for Children's Mental Health	ROBERT FRIEDMAN
The USF Center for HIV Education & Research	MICHAEL KNOX
Professional Development Center	JOHN MULLINS
Research & Training Center on Positive Behavioral Support	DON KINCAID

Graduate Studies

Dean (Interim)	KELLI McCORMACK BROWN
<i>Directors:</i>	
Graduate Admissions	FRANCISCO VERA
Graduate Certificates	LAGRETTA LENKER
<i>Coordinator:</i>	
Accounting	MILDRED HOWARD
Academic Support Services	CAROL D. HINES-COBB
Marketing & Recruiting	THERESA COLLINS
Multicultural Programs	RODERICK A. HALE

International Affairs

Dean	JOANN McCARTHY
<i>Directors:</i>	
International Admissions	PATRICIA PEKOVSKY
International Student and Scholar Services	DAVIDA AUSTELL
Latin American and Caribbean Studies	JORGENEF
English Language Institute	RICHARD SCHRECK
Center for Africa and the Diaspora	O. GEOFFREY OKOGBAA
Study Abroad and Exchanges	SUSAN ANSARA
Florida Linkage Institutes (France, Japan, China)	CHRISTINE PROBES
	MARK T. ORR
	MIRIAM STAMPS

College of Marine Science

Dean	PETER R. BETZER
<i>Associate Deans:</i>	
Academics	KENT A. FANNING
Research	ALBERT C. HINE
<i>Directors:</i>	
Academic Affairs	E. S. VAN VLEET

Undergraduate Studies

Dean	W. ROBERT SULLINS
Associate Dean	JANET L. S. MOORE
Chair, Information Technology	ARTHUR KARSHMER
<i>Directors:</i>	
Academic Advising	SYLVIA SALTER
BSAS Program	JERRY COLLINS
Career Center	DREMA K. HOWARD
Evaluation and Testing	TERESA FLATEBY
Hospitality and	
Restaurant Management	JAY SCHROCK
Student Support Services	REBA GARTH
Project Thrust/PEP	MACK DAVIS
Coordinator, University Experience	DAVID CAMPAIGN
Air Force ROTC	Lt. Col. ROBERT J. BUTLER
Army ROTC	LTC JOSEPH KOOLS
Naval ROTC	CAPT RICHARD DICK

College of Visual and Performing Arts

Dean	RON L. JONES, JR.
Associate Dean	BARTON W. LEE
<i>Directors:</i>	
Art and Art History, School of	WALLACE WILSON
Institute for Research in Art	
(Graphicstudio and	
USF Contemporary Art Museum	MARGARET MILLER
Music, School of	WADE WEAST
Theatre and Dance, School of	DALE ROSE

USF Lakeland

<i>Academic Affairs:</i>	
Vice President	
and Campus Executive Officer	L. PRESTON MERCER
Associate Vice President, Academic	
Affairs (Interim)	GREGORY PAVEZA
Associate Vice President, Administrative	
and Academic Support	ALICE M. MURRAY
Associate Vice President	
Campus Planning/Development	BERNARD MACKAY
Assistant Dean, SACS	JACKSON WALTERS
Director, Distance Learning	NAOMI BOYER
Director, Instructional Services	KAREN KONRATH
<i>Academic Affairs Program Directors/Chairs:</i>	
Arts and Sciences	TBA
Business	JACKSON WALTERS
Education	MARY LOU TAYLOR
Educational Leadership	PAUL TERRY
Engineering	FRANK YOUNG
Information Technology	ARTHUR KARSHMER
<i>Administrative Services</i>	
Director, Budgets	JOSHUA BRESLER
Director, Business/Finance Auxiliary Services	DEBBIE GULA

Director, University	
Computing Services	REABURLESON
Coordinator for Computing	TBA
Human Resources Coordinator	EVE UNDERHILL
Institutional Research	STEVE HOAGLAND

Student Affairs

Director, Academic Advising	JACQUELINE REECE
Director, Student Affairs	WILLETTE ROACH
Admissions/Registrar	STACY LUNG
Career Center Coordinator	MARY MITTAG
Financial Aid Coordinator (Acting)	IMANI HARRIS
Student Recruitment Coordinator	BRENNA SMITH

University Relations

Director (Interim)	SAMANTHA LANE
--------------------	---------------

USF Sarasota-Manatee

Vice President and	
Campus Chief Executive Officer	LAUREY STRYKER
Associate Vice President and	
Dean of Academic Affairs	PETER FRENCH
Associate Vice President for	
Business and Finance	BEN ELLINOR
Associate Vice President for Student Affairs	PAM DOERR
<i>Directors</i>	
Academic Support	RHONDA S. MORACA
Admissions/Registration	PAULA DUMAS
Business Services	PAT A. WHITE
Campus Advancement	ALEXIS UPHAM
Campus Computing	R. DUFF COOPER
Facilities	HUGO MAZZOLI
University Relations	DAVID R. VOSS

USF St. Petersburg

Regional Chancellor &	
Campus Executive Officer	KAREN A. WHITE
<i>Regional Vice Chancellors:</i>	
Academic Affairs (Interim)	JAMES MALEK
Administration and Finance	ABDUL NASSER
Student Affairs	CHARLES BROWN
University Relations	HOLLY KICKLITER

Campus Development Officer	TBA
Dean of Poynter Library	KATHLEEN ARSENAULT

UNIVERSITY SERVICES

Executive Vice President &	
Chief Financial Officer	CARL P. CARLUCCI
Associate Vice President, Administrative	
Services	TRUDIE E. FRECKER
Associate Vice President, Human	
Resources	SANDRA LOVINS
Associate Vice President, Information	
Technologies	GEORGE W. ELLIS
Assistant Vice President, Information	
Technologies	CLAIRE S. ROBINSON
Executive Assistant	SHEILA HOLBROOK
<i>Directors:</i>	
Auxiliary Services	JEFF MACK
Budget and Policy Analysis	BERTHA P. ALEXANDER
Central Florida Regional Data Center	BARRY BLONDE
Environmental Health, Safety	
and Risk Management	SANDRA M. COOPER

406 ORGANIZATION & PERSONNEL

UNIVERSITY OF SOUTH FLORIDA - 2005/2006 UNDERGRADUATE CATALOG

Facilities Planning and Construction	RONHANKE
HSC Human Resources/Personnel	BRIAN ALLMAN
Organizational Development and Training	SANDRA M. COOPER
Physical Plant	ADRIAN CUARTA
Purchasing and Financial Services	NICK TRIVUNOVICH
<i>Coordinator:</i>	
Advocacy Program	NORA PENIA

RESEARCH

Vice President	M. IAN PHILLIPS
Associate Vice President, Research Grants	PRISCILLA POPE
Associate Vice President, Technology Development	ROD CASTO
Executive Assistant, Administration	RHONDA HENDRIX
Executive Assistant, Finance	JOANNE BRYAN
<i>Executive Directors:</i>	
Florida Institute for Phosphate Research	PAUL CLIFFORD
High Tech Engineering Initiatives	MICHAEL KOVAC
Research Foundation	ROD CASTO
<i>Directors:</i>	
Comparative Medicine	ROBERT ENGELMAN
Patents & Licensing	VALERIE McDEVITT
Research Compliance	DENNIS FREEMAN
Research Financial Management	JANE GENTILINI
Research Outreach	REBECCA PUIG
Research Proposal Services	SUE ENDRESS
Research Technologies	RICK SKINNER

STUDENT AFFAIRS

Vice President (Interim)	KOFI GLOVER
Executive Assistant, Administration	ELIZABETH KAPLON
<i>Assistant Vice Presidents:</i>	
Business & Financial Auxiliary Services	LUZ ARCILA
Chief of Police	ROBERT P. JOHNSON
Student Life & Wellness	THOMAS MILLER

<i>Deans and Associate Deans:</i>	
Dean of Students	THOMAS MILLER
Judicial Services	JASON SPRATT
Student Relations	SAMUEL WRIGHT
<i>Directors:</i>	
Campus Recreation (Interim)	ERIC HUNTER
Counseling Center	WILLIAM ANTON
Marshall Center	GUY CONWAY
Residence Services	THOMAS KANE
Student Disability Services	MARY SARVER
Student Health Services Medical Services	EGIL DATERENZI
Student Publications	JAY LAWRENCE

UNIVERSITY ADVANCEMENT

Vice President	MICHAEL RIERSON
<i>Associate Vice Presidents:</i>	
Alumni Affairs	LISA LEWIS
Athletic Marketing	TOM VEIT
Community Relations	COLETTE GLOVER-HANNAH
Foundation Executive Office	VICKY MEDLOCK
Foundation Business Office	JOHN SCOTT
Health Sciences	MICHAEL HOAD
Intercollegiate Athletics	VICKI MITCHELL
Latin Community Relations	DONNA PARRINO
Office of Development	JO-ANN ALESSANDRINI
Public Broadcasting	JO-ANN UROFSKY
Sun Dome	MIKE LAPAN
University Relations	KAREN CLARKE

WUSF Public Broadcasting

General Manager	JO-ANN UROFSKY
Station Manager, WUSF-FM	TBA
Station Manager, WUSF-TV	PATRICIA HOLLEY
Business Manager	DALE THOMPSON
Development Director	CATHY COCCIA

A

- Academic Advising, Center for 174
- Academic Calendar 4
- Academic Computing 62
- Academic Policies and Procedures 37
- Academic Programs and Procedures - St. Petersburg 252
- Academic Programs and Services 59
- Academic Record 36
- Academic Regulations and Information - St. Petersburg 252
- Academic Scholarships 31
- Academic Services - St. Petersburg 251
- Accounting (ACC) 124, 224, 298
- Accounting - St. Petersburg 298
- Accreditation 6
- Adds 35
- Administrative Holds 36
- Holds 36
- Admission, Minimum Requirements for 11
- Admission Policies, General 10
- Admission to the College of Arts and Sciences 284
- Admission to the College of Business Administration 296
- Admission to the College of Business Administration 122, 221
- Admission to the College of Nursing 167, 232
- Admission to the College of Visual and Performing 186
- Admissions 20
- Admissions and Related Matters 10
- Admissions and Related Matters - St. Petersburg 240
- Adult, Career & Higher Education 131
- Advanced Placement Credit Program 59
- Advising and Records, College of Business Administration 123, 223, 297
- Advising, College of Nursing 168
- Advising, College of Public Health 173
- Advising, College of Visual and Performing Arts 186
- Advising for Limited Access Programs 34
- Advising for Non-Limited Access Programs 34
- Advising Information, College of Arts and Sciences 284
- Aerospace Studies 180
- Africa and the Diaspora, Center for 27
- Africana Studies 76
- Air Force ROTC 180
- Anthropology 77, 285
- Anthropology (ANT) 286
- Anthropology - St. Petersburg 286
- Anytime, Anyplace Learning 60
- Applied Science, Bachelor of Science in 175, 204, 232
- Applying for Admission 10
- Architecture and Community Design 66
- Army Reserve Officer's Training Corps (ROTC) 181
- Art (ART) 187
- Art (B.F.A.) - St. Petersburg 285
- Arts and Sciences - Sarasota 216, 221, 226
- Arts and Sciences - St. Petersburg 283
- Arts and Sciences, College of 68
- Asian Studies, Certificate in 70
- Attendance at First Class Meeting 34
- Auditing Privileges and Fees 35

B

- Baccalaureate Degree Programs 304
- Bachelor of Science in Applied Science 176, 204, 232
- Bachelor of Science in Applied Science (APS) 175, 204, 232
- Applied Science, Bachelor of Science 175, 204, 232
- Bachelor of Science in Hospitality Management
- Hospitality Management, Bachelor of Science 177, 233
- Bachelor of Science in Information Technology 178, 208, 234

- Behavioral Healthcare, Minor in 165
- Biology 78
- Business - St. Petersburg 296
- Business Administration, College of 122
- Business Administration Faculty 128, 301

C

- Campus Computing - St. Petersburg 252
- Campus Dining Services 25
- Campus Recreation 24
- Cancellation Before First Class Day 35
- Career Center 174
- Certificate Programs, College of Public Health 173
- Chemical Engineering 149
- Chemistry 81
- Childhood/Language Arts/Reading Education 131, 227
- Civil and Environmental Engineering 151
- CLEP 59
- Clubs and Other Organizations 23
- College Level Examination Program (CLEP) 59
- College of Business Administration 122
- College of education 129
- College of Marine Science 166
- College of Public Health 172
- College of Visual & PERforming ARTS 185
- College Reach-Out Program 59
- College Requirements for Graduation 303
- Communicating With The University 2
- Communication 86
- Communication Sciences and Disorders 87
- Community Experiential Learning Program 70
- Community Experiential Learning (CEL) Program 60
- Computer Science and Engineering 153
- Confidentiality Policy 36
- Contemporary Art Museum (CAM) 191
- Contents 3

Correspondence Courses 60
 Counseling Center for Human Development 20
 Course Attendance at First Class Meeting 34
 Course Information, General 308
 Criminology 88, 204, 216
 Criminology (CCJ) 287
 Criminology - St. Petersburg 287
 Cross Enrollment 59

D

Dance (DAN) 191
 Degree Programs, College of Arts and Sciences 285
 Degrees Offered 6
 Disability Services 19
 Drops 35

E

Early Admission Applicants (Freshmen) 12
 Early Childhood Education: Pre-Kindergarten/
 Primar 132, 228
 Economics 89
 Economics (Arts & Sciences) - St. Petersburg 287
 Economics (Business) - St. Petersburg 298
 Economics (ECN) 298
 Economis (ECN) 124
 Education - - St. Petersburg 302
 Education Advising 130, 303
 Education Baccalaureate Degree Progorams 131
 Education Faculty 142, 307
 education Requirements for Graduation 130, 227
 Educational Outreach 60
 Educational Measurement and Research 137, 306
 Elective Physical Education 137
 Electrical Engineering 157
 Elementary Educa-
 tion 133, 205, 228
 Elementary Education - St. Petersburg 304
 Engineering, College of 143
 English 90, 216
 English (ENG) 288
 English - St. Petersburg 288
 English Educa-
 tion 133, 229, 305

English Education - St. Peters-
 burg 305
 English Language Institute 28
 Environmental Science and Policy 92
 Environmental Science and Policy (EVR) 289
 Environmental Science and Policy - St. Petersburg 289
 Evaluation and Testing 175
 Evening Courses, Enrollment in 59

F

Faculty, College of Arts and Sciences 295
 Faculty, College of Engineer-
 ing 164
 Faculty, College of Marine Sci-
 ence 166
 Faculty, College of Nursing 171
 Faculty, College of Visual &
 Performing Arts 202
 Fees 29
 Fees Liability 30
 Fees Payment 30
 Finance (FIN) 125, 224, 299
 Finance - St. Petersburg 299
 Financial Aid 31
 Financial Information 29
 Financial Information - St. Peters-
 burg 248
 Florida College Exchange Pro-
 gram 60
 Florida Residency For Tuition
 Purposes 29
 Foreign Language Education 134

G

General Admission Policies 10
 General Business
 (GBA) 124, 206, 223, 298
 General Business Administration -
 St. Petersburg 298
 General Course Information 308
 Geography 93
 Geography (GPY) 290
 Geography - St. Petersburg 290
 Geology 94
 George Jenkins Scholars Pro-
 gram 65
 Gerontology 95
 Gordon Rule 256
 Government & International

Affairs 96
 Government & International Affairs
 (INT/POL/PAD) 291
 Government and International
 Affairs - St. Petersb 291
 Grades, Scholarship Require-
 ments, and Review
 Proce 257
 Grading System - St. Peters-
 burg 258
 Graphic Design - St. Peters-
 burg 285
 Graphicstudio 191

H

Health Professions 74
 History 99, 218
 History (HTY) 292
 History - St. Petersburg 292
 Honors College 15, 64
 Honors Research Major 64
 Hospitality Manage-
 ment 177, 233
 Hospitality Management, B.S.
 in 177, 233
 Humanities and American Stud-
 ies 100

I

Immunization Policy 21, 33
 Independent Study 59
 Industrial and Management
 Systems Engineering 159
 Information Systems and Decision
 Sciences
 (ISM) 126, 225, 299
 Information Systems and Decision
 Sciences - St. Pe 299
 Information Technologies/
 CFRDC 62
 Information Technology, Bachelor
 of Science
 in 175, 178, 204, 208, 232, 234
 Intercollegiate Athletics 24
 Interdisciplinary Natural Sci-
 ences 84
 Interdisciplinary Social Sci-
 ences 101, 210, 218
 Interdisciplinary Social Sciences
 (ISS) 292
 Interdisciplinary Social Sciences -
 St. Petersburg 292
 International Affairs 27
 International Affairs Center 27

International Business
 (ITB) 127, 301
 International Business - St.
 Petersburg 301
 International Student and Scholar
 Services, Office 27
 International Studies 96
 IT Certificate Pro-
 grams 180, 209, 236
 Italian Studies, Certificate in 71

J

Judicial Procedures 25

K

Kosove Scholarship Program 65

L

Lakeland
 USF Lakeland 203
 Lakeland Academic Programs
 Academic Programs - Lake-
 land 204
 Latin American and Caribbean
 Studies, Certificate 71
 Latin American and Caribbean
 Studies Program 27
 Learning Communities 16
 Liberal Arts Requirements 265
 Liberal Studies 101
 Library and Information Sci-
 ence 102
 Library Services - St. Peters-
 burg 251
 Library System 61
 List of Majors and Programs -
 Sarasota 215

M

Management
 (MAN) 126, 225, 300
 Management - St. Peters-
 burg 300
 Mandatory Course Attendance at
 First Class Meeting
 Course Attendance at First
 Class Meeting 34
 Mandatory Medical Requirements
 for Registration 33
 Marine Science, College of 166
 Marketing (MKT) 126, 225, 300
 Marketing - St. Petersburg 300
 Mass Communications 102

Mass Communications
 (COM) 293
 Mass Communications/Journalism
 - St. Petersburg
 Journalish - St. Petersburg 293
 Mathematics 104
 Mathematics Education 135
 McNair Scholars Program 64
 Mechanical Engineer-
 ing 161, 162
 Medical Technology 85
 Military Science 181
 Minimum Requirements for Admis-
 sion 11
 Mission and Goals 7
 Modern Western European
 Studies, Certificate in 72
 Music (MUS) 193

N

Naval Science 182
 Navy ROTC 182
 Nursing, College of 167
 Nursing Program (for Registered
 Nurses) 169, 170, 232

O

Off-Campus Housing 23
 Orientation and Advising 34
 Orientation and Initial Advising 34
 Other Campus Services - St.
 Petersburg 283

P

Parents Association 20
 Parking and Transportation 31
 Parking and Transportation - St.
 Petersburg 251
 Payment of Accounts Due the
 University 30
 Personal Excellence Pro-
 gram 175
 Philosophy 106
 Phyllis P. Marshall Center 23
 Physical Education 137
 Physical Education, Wellness
 Leadership, and Athle 138
 Physics 106
 Political Science 97
 Political Science (POL) 291
 Political Science - St. Peters-
 burg 291
 Pre-Law Plan in Political Sci-

ence 292

Psychological and Social Founda-
 tions 306
 Psychological and Social Founda-
 tions of Education 140, 306
 Psychology 108, 211, 219
 Psychology (PSY) 294
 Psychology - St. Petersburg 294
 Public Broadcasting 62
 Public Administration 98
 Public Health, College of 172

Q

Qualifications for Internship
 Experience 130, 227, 303

R

Refund of Tuition 30
 Registrar, Office of the 33
 Registration 33
 Registration for Admitted Degree-
 Seeking Students 34
 Rehabilitation and Mental Health
 Counseling 109
 Religious Studies 109
 Repeat Course Surcharge 35
 Repeat Course Surcharges 35
 Requirements for B.A. Degrees,
 College of Visual & 186
 Requirements for B.A./B.S.
 Degree, College of Bus 297
 Requirements for B.A./B.S.
 Degree, College of
 Bus 122, 222
 Requirements for B.A./B.S./
 B.S.W. Degree, College 284
 Research, Office of 63
 Residence Services 22
 Russian Studies, Certificate in 73

S

S/U Grading in the College of
 Visual & Performing 187
 Sarasota-Manatee
 USF Sarasota-Manatee 215
 SASS 35
 Science Education 135
 Secondary Educa-
 tion 133, 229, 305
 Social Science Educa-
 tion 136, 230
 Social Work 110, 212, 220
 Sociology 112

Special Educa-
 tion 140, 231, 306
 Special Education - St. Peters-
 burg 306
 Special Events Center 23
 Special Programs - St. Peters-
 burg 247
 St. Petersburg I.D. Card 252
 Standards of Student Conduct
 Student Judicial Procedures 24
 Statement of Institutional Pur-
 pose 7
 Student Academic Support Sys-
 tem (SASS) 35
 Student Activities 23
 Student Affairs - St. Peters-
 burg 278
 Student Affairs and Student
 Services 19
 Student Affairs, Division of 19
 Student Development - St. Peters-
 burg 279
 Student Disability Services 19
 Student Government 23
 Student Health Services 20
 Student Information
 Release of Student Informa-
 tion 36
 Student Information Changes 36
 Student Information, Release
 of 36
 Student Leadership 183, 213

Student Life - St. Petersburg 281
 Student Life and Wellness 20
 Student Organizations and Activi-
 ties 141, 307
 Student Organizations, College of
 Arts and Science 295
 Student Organizations within
 the College of
 Business 128, 301
 Student Record Policy 36
 Student Records Policy 36
 Student Relations 20
 Study Abroad and Exchanges,
 Office of 27
 SunCoast Area Teacher Training
 Program (SCATT) 131, 303

T

Teacher Education Pro-
 grams 129, 226, 302
 Theatre (TAR) 200
 Transcript Information 35
 Transfer Applicants, Lower-
 Level 13
 Transfer Applicants, Upper-
 Level 13
 Transfer Credit, Evaluation of 14
 Transient Students 59
 Tuition 29
 Tuition, Release of 30

U

Undergraduate Advising Informa-
 tion, College of Art 284
 Undergraduate Studies 174
 Undergraduate Transfer Appli-
 cants 12
 University Bookstores 25
 University Police - St. Peters-
 burg 250
 Upward Bound 59
 Urban Studies, Certificate in 73
 USF I.D. Card 26
 USF St. Petersburg 237

V

Veterans Affairs (VA) Benefits 32
 Veterans Affairs - St. Peters-
 burg 250
 Victims' Advocacy Program - 250
 Victims' Advocacy Program - St.
 Petersburg 250
 Visual and Performing Arts,
 College of 185

W

Washington Internship Pro-
 gram 60
 Withdrawal 35
 Women's Studies 113
 World Language Education 114
 WUSF-TV 62