UNDERGRADUATE STUDIES

Undergraduate Studies

Undergraduate Studies
4202 E. Fowler Avenue, SVC 2002
Tampa, FL 33612
(813) 974-4051
ugs-dean@usf.edu
http://www.usf.edu/undergrad/

Physical Location**:** The Student Services (SVC) building is located in the center of the USF campus. From the main entrance at Fowler Ave., follow Leroy Collins Blvd. to the Collins Blvd. Parking Garage. SVC is located behind the parking garage and just south of the Marshall Student Center.

About the Office of Undergraduate Studies

The Office of Undergraduate Studies (UGS) works in partnership with the academic colleges in the development, review and enhancement of the undergraduate programs to assist faculty to provide outstanding undergraduate education for students. The members of the UGS team work with faculty to establish and administer academic policies, assist with undergraduate curriculum development and review, and support proposals for new and revised programs and courses through the various approval processes. In addition to assisting with the academic programs offered by the colleges, Undergraduate Studies offers a number of academic programs.

Undergraduate Studies provides strong set of student success focused departments and initiatives designed to make it more likely that students will successfully navigate the complexities of the transition to college and the Baccalaureate experience. (It integrates academic endeavors with meaningful experiences within myriad student development programs.) Together, they aim to provide coordinated opportunities for students to develop their identities and intellectual competencies for successful careers and lifelong learning.

Mission, Vision, Values

Our goal is to help ensure that students graduate from the University of South Florida with a world-class education, in a timely fashion, confident in the skills and knowledge they need to succeed in their post-Baccalaureate careers, and with the conviction that enrolling at USF was the best decision of their lives. All departments within UGS are focused squarely on helping USF meet its Strategic Plan goals.

Undergraduate Studies shares these key values with the greater University of South Florida community:
- High-quality education and excellence in teaching and learning
- Diversity of students, faculty, and staff
- Affordable and accessible education
- Community engagement and public service
- Focus and discipline in aligning the budget with institutional priorities
- A campus life with broad academic, cultural, and athletic opportunities
- Success and achievement of its students, faculty, staff, and alumni
- Collegiality, academic freedom, and professional responsibility
- Efficiency and transparent accountability

College-Level Requirements

Program-Specific Requirements

Bachelor of General Studies (BGS) Admission Requirements
http://www.usf.edu/undergrad/programs/bgs/application.aspx
In order to be admitted into the Bachelor of General Studies (BGS) program, applicants must:
- Have completed 60 or more credits at a regionally accredited college or university
- Have a break in education of three years or more
- Complete a screening process conducted by a program advisor
- Be in good standing with most recent former educational institution
- Demonstrate ability and desire to complete the degree (personal statement)

UNDERGRADUATE STUDIES

- Be a mature, non-traditional students/work experience
- Meet USF general admissions standards for transfer students (2.3 GPA for out of state transfer students).
- Be pursuing first Bachelor degrees (BGS is not an option for students seeking a second Bachelor degree).

Bachelor of Science in Applied Science (B.S.AS) Admission Requirements
http://www.usf.edu/undergrad/programs/BSAS/
Students admitted to the B.S.AS must have a completed A.S. degree from a public Florida community or state college and will have completed a minimum of 18 credit hours of transferable General Education coursework, which should include writing* and math courses that meet Gordon Rule requirements.
- A completed Associate of Science (A.S.) degree from a Florida public community or state college.
- At least 18 credit hours of transferrable general education coursework.
- Successful completion of ENC 1101 or equivalent English composition courses.
- Successful completion of at least one college-level math or quantitative reasoning.**

NOTE: To be admitted students must have a transcript that indicates completion of the A.S. degree. Keiser University AS degrees also accepted (as long as criteria above has been met).
** MAT 1033 is not considered college-level math.

Baccalaureate-Level Degree Programs

Bachelor of Arts

Bachelor of General Studies
http://www.usf.edu/undergrad/programs/bgs/
The Bachelor of General Studies (BGS) is a degree completion program that provides nontraditional students options for completing their educational goals. USF's Bachelor of General Studies Degree (BGS) is a customized, interdisciplinary degree that allows students to choose an academic program that fits their educational and professional goals.

The following concentrations are available for the BGS degree:

- Aging Sciences
- Architecture (no longer accepting new admits)
- Behavioral Healthcare
- Business
- Computer Systems Technology
- Criminal Justice
- Educational Foundations
- Environmental Policy & Management
- Information Architecture: Information Studies
- Public Administration
- Public Health
- Urban Studies
- Women's and Gender Studies

Bachelor of Science

Bachelor of Science in Applied Science (B.S.A.S)
http://www.usf.edu/undergrad/programs/BSAS/index.aspx
The B.S.A.S degree program designed specifically for Associate in Science (A.S.) degree graduates from a Florida public community or state college. The B.S.A.S degree is designed to serve Florida's A.S. graduates who desire a Bachelor's degree for self-enrichment, advancement in their current career or to qualify for higher-level employment in other settings. A.S. graduates looking for a flexible Bachelor's degree program will find the B.S.AS degree recognizes the value of academic work already completed. Most students are able to complete their concentrations and exit requirements within an additional 60 credit hours.

USF will award up to 60 transfer credits from the A.S. degree (applicable only to the B.S.A.S program). Up to 42 hours of technical coursework may be eligible for transfer into the B.S.A.S program. The remaining 18 credit hours of transferable General Education coursework from the A.S. will be matched against USF requirements to determine which courses remain outstanding for the fulfillment of the University's 36 credit hour General Education requirements.

UNDERGRADUATE STUDIES

The following concentrations are available for the BSAS degree:

- Aging Sciences
- Behavioral Healthcare
- Computer Systems Technology
- Criminal Justice
- Deaf Studies

- Environmental Policy
- Information Architecture: Information Studies
- Public Administration
- Public Health
- Urban Studies

Minors

Aerospace Studies
http://www.usf.edu/undergrad/programs/minors/aerospace-studies.aspx
This program will provide the student an understanding of management and leadership concepts as they relate to military officers.

Leadership Studies
http://www.usf.edu/student-affairs/leadership-civic-engagement/leadership-development/leadership-studies-minor.aspx
The program has a unique approach to leadership education that combines practical theories and opportunities for students to study the characteristics of authority, leadership, social and role dynamics, political processes and the values that orient their careers.

Military Leadership
http://www.usf.edu/undergrad/programs/minors/military-science.aspx
This minor lays out a leadership framework that allows students to apply leadership concepts learned in the classroom.

Naval Science and Leadership
http://www.usf.edu/undergrad/programs/minors/naval-science-and-leadership.aspx
The minor lays out a framework by which the Navy and Marine Corps conduct routine operations and planning and it also provides a foundation in design theory with a practical application to naval platforms and weapon systems.

Associate of Arts

http://www.usf.edu/undergrad/programs/aa-certificate.aspx
Students must apply for the Associate of Arts (AA) it is not automatically awarded. Students can apply for the AA by going to their OASIS account and clicking the "Student Tab" 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.

To receive the Associate of Arts at USF, a student must:

- Complete 60 semester hours of university credit; at least 20 of the last 30 semester hours counted, or 36 hours overall, must be completed in residence at the home institution of USF. Physical education and military science credits do not count within the 60 semester hours toward the Associate of Arts.
- Achieve a minimum grade point average of 2.00 based on work attempted at 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.
- Complete the General Education Requirements.
- Meet the Foreign Language Entrance Requirement (FLENT).
- Fulfill the State Communication and Computation requirements.

UNDERGRADUATE STUDIES

Undergraduate Advising Information

Undergraduate Studies
Advising Degree Programs
4202 E. Fowler Avenue, SVC 2002
Tampa, FL 33612
(813) 974-4051
http://www.usf.edu/undergrad/programs/ugs-degree-programs-staff.aspx

Please be sure to contact/schedule appointments with your specific USF college advisor. Questions related to your specific major should be directed to the appropriate advising contacts. The Undergraduate Studies Advisors specialize in the B.S.AS and BGS degrees, and cannot advise on other majors.

To make a face-to-face appointment with an Academic Advisor:
- If you are an accepted or currently registered student at USF, use eScheduler at https://usfweb.usf.edu/eScheduler/student.aspx (requires login).
- If you ARE NOT a USF student, use the advisor appointment system at https://usfweb.usf.edu/eScheduler/NonStudentlogin.aspx

UNDERGRADUATE STUDIES

Undergraduate Studies Curriculum Programs (includes ROTC Curriculum Programs)

B.S.A.S. - APPLIED SCIENCE (APS) (CIP = 24.0102)
TOTAL DEGREE HOURS: 120
http://www.usf.edu/undergrad/programs/bsas/

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 (B.S.A.S.) has been developed by USF under certain provisions of Florida legislation to remove constraints from the transfer process, recognize past coursework as transferable credit to the university, and afford exciting new opportunities for those with an A.S. degree from a Florida public institution 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 Public community and state college 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.

Coursework	Credits
Community or State College Technical Credits Transferred from the A.S. Degree	42
Community or State College General Education Credits Transferred from the A.S. Degree	18
USF General Education Credits	18

USF Area of Concentration Credits
    Required Credits for the Concentration (21 credit hours)
    USF EXIT Capstone Course (3 credit hours)
	24

USF EXIT Writing Intensive Course	3
USF Electives Credits*	15
Total Credit Hours Required for the Degree:	120

*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 coursework beyond the A.S., BSAS students will complete:
- A minimum of 42 credit hours of upper-level (3000-4999) courses
- 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) Note: ASL 2140C Basic American Sign Language and ASL 2150C Intermediate American Sign Language may be substituted to meet this requirement.

Students may not pursue the Bachelor of Applied Science as a second major, concurrent degree, dual degree, or second or post-baccalaureate degree. Baccalaureate degree holders who wish to pursue further education are encouraged to pursue admission into a graduate degree program of study.

STATE MANDATED COMMON COURSE PREREQUISITES
There are no State Mandated Common Prerequisites for this degree program.

Students wishing to transfer to USF must complete an A.S. degree (from a Florida public state or community college) with a minimum overall 2.0 GPA in all college-level courses accepted for transfer credit to USF, with no grade lower than C-. Students should complete at least 18 credit hours of the general education requirements as part of their A.S. degree, which should include the State Communication Requirement (formerly known as Gordon Rule Writing) and State Computation Requirement (formerly known as Gordon Rule Math) courses to fulfill these requirements while at the community or state college. Students must complete ENC 1101 and at least one college-level math course to be admitted into the Applied Science program.

USF will award up to 60 transfer credits from the A.S. degree (applicable only to the BSAS program). Up to 42 hours of technical coursework may be eligible for transfer into the BSAS program. The remaining 18 credit hours of

UNDERGRADUATE STUDIES

transferable General Education coursework from the A.S. will be matched against USF requirements to determine which courses remain outstanding for the fulfillment of the University's 36 credit hour General Education requirements.

REQUIREMENTS FOR THE MAJOR IN APPLIED SCIENCE
TOTAL MAJOR HOURS: 24-25

Major requirements for the B.S.A.S. Degree:
Major Core (3 hours)
USF Capstone EXIT Requirement:
- IDS 4934 Senior Capstone for BSAS/BGS

Upon acceptance to the BSAS major, students will complete the necessary coursework to reach 120 credit hours. The 120 credit hour requirement includes completing the following:
- USF Foundations of Knowledge and Learning General Education requirements or approved equivalents - unless GE credits were completed at another Florida institution.
- All USF exit requirements.
- Foreign Language Requirement.
- One disciplinary concentration selected by the student and approved by the advisor.
- A minimum of 42 semester hours of upper-level work (courses numbered 3000 and above).

Grading Requirement
A minimum grade of C- or better must be attained in each concentration course.

Residency Requirement
At least 30 of the last 60 credit hours must be earned at USF Tampa.

Foreign Language Requirement
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) Note: ASL 2140C Basic American Sign Language and ASL 2150C Intermediate American Sign Language may be substituted to meet this requirement.

Research Opportunities
All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office for Undergraduate Research will assist students in understanding the various course options (http://www.usf.edu/undergrad/undergraduate-research/).

Other Information
The following BSAS Areas of Concentration are offered fully or partially online:
- Computer Systems Technology (partially online)
- Criminal Justice (fully online)
- Environmental Policy (partially online)
- Information Studies: Information Architecture (fully online)
- Public Administration (fully online)
- Public Health (fully online)
- Urban Studies (partially online)

Advising Information
Office of Undergraduate Studies (UGS)
Location/Phone: Student Services Building (SVC) 2002; (813) 974-4051
Website: http://www.usf.edu/undergrad/programs/bsas/

UNDERGRADUATE STUDIES

APPLIED SCIENCE CONCENTRATIONS

AGING SCIENCES (AASC)
http://ugs.usf.edu/catalog/?category=majors&display=detail&maj=APS&deg=BSAS&conc=AASC

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, 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 in older persons.

REQUIREMENTS FOR THE CONCENTRATION IN AGING SCIENCES
TOTAL CONCENTRATION HOURS: 21
Concentration Core (12 hours)
- GEY 2000 Introduction to Aging Sciences
- GEY 3601 Physical Changes and Aging
- GEY 3625 Sociological Aspects of Aging
- GEY 4612 Psychology of Aging

Concentration Electives (9 hours)
Choose nine (9) credit hours from the following list of courses:
- GEY 4101 Aging in Special Populations
- GEY 4102 Aging in Modern Literature and Film
- GEY 4231 Elder Abuse and Neglect
- GEY 4322 Care Management for Older Adults
- GEY 4360 Counseling for Older Adults
- GEY 4608 Alzheimer's Disease Management
- GEY 4628 Health, Ethnicity, and Aging
- GEY 4629 Women and Aging
- GEY 4635 Business Management in an Aging Society
- GEY 4641 Death and Dying
- GEY 4647 Ethical and Legal Issues in Aging
- GEY 4690 Senior Seminar in Aging

BEHAVIORAL HEALTHCARE (ABH)
http://ugs.usf.edu/catalog/?category=majors

Behavioral health problems, including mental illness and substance abuse, are among the greatest public health challenges facing our communities. Students enrolling in the BSAS Behavioral Healthcare concentration will be exposed to treatment approaches as well as to issues related to the organization, financing, delivery, and outcomes of behavioral health services. Combining academic and experiential learning, the concentration provides students with information and practical experience in behavioral healthcare services.

REQUIREMENTS FOR THE CONCENTRATION IN BEHAVIORAL HEALTHCARE
TOTAL CONCENTRATION HOURS: 21
Concentration Core (18 hours)
Concentration Requirements:
- *MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4002 Behavioral Health Systems Delivery
- **MHS 4022 Adult Psychopathology in the Community or **MHS 4490 Behavioral Healthcare Issues for Children
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in BHC
- MHS 4723 Professional Seminar in Behavioral Healthcare

Concentration Electives (3 hours)
Choose three (3) credit hours from the following list of courses:
- MHS 3204 Fundamentals of Applied Behavior Analysis or CLP 4414 Behavior Modification

UNDERGRADUATE STUDIES

- MHS 4023 Recovery-Oriented Mental Health Services
- MHS 4074 Child Development and Trauma
- MHS 4203 Practical Skills-Children's Behavioral Healthcare
- MHS 4425 Field Experience in Behavioral Healthcare
- MHS 4434 Behavioral Health and the Family
- MHS 4452 Co-Occurring Disorders
- MHS 4463 Suicide Issues in Behavioral Health
- MHS 4731 Writing for Research and Publication in Behavioral and Community Sciences
- MHS 4741 Applied Research Methods
- MHS 4931 Selected Topics

Course Grade Requirement

*MHS 3411 should be taken during student's first semester of concentration coursework; a minimum grade of "B-" is required.

**Note: MHS 4022 (for students with an interest in working with adults), MHS 4490 (for students with an interest in working with children).

COMPUTER SYSTEMS TECHNOLOGY (ACST)

http://ugs.usf.edu/catalog/?category=majors

The Computer Systems Technology concentration is designed to teach students the fundamentals of computer systems and their application. Emphasis is placed on computer technology, as well as programming and applications, in an era of rapidly changing computer technology. Entrance requirement for concentration: Students must have prior experience and/or coursework in Information Technology, Computer Science, or a closely related field.

Students must take CGS 1540 Introduction to Databases for Information Technology and COP 2512 Programming Fundamentals for Information Technology in their first semester in the concentration, if the courses were not taken prior to transferring to USF. Students must receive a minimum grade of C- in both courses to progress in the Computer Systems Technology concentration. If a student does not receive, enroll, and/or meet the minimum grade requirements for CGS 1540 and COP 2512, he/she will be required to choose another BSAS concentration.

Special Note: It is highly recommended that CGS 1540 Introduction to Databases for Information Technology and COP 2512 Programming Fundamentals for Information Technology (or any equivalent courses) are taken prior to admission to this concentration.

REQUIREMENTS FOR THE CONCENTRATION IN COMPUTER SYSTEMS TECHNOLOGY
TOTAL CONCENTRATION HOURS: 21

Concentration Core (18 hours)

- CGS 1540 Introduction to Databases for Information Technology
- CGS 3303 Information Technology Concepts
- COP 2512 Programming Fundamentals for Information Technology
- COP 2513 Object Oriented Programming for Information Technology
- COP 3515 Advanced Program Design for Information Technology
- MAD 2104 Discrete Math

Concentration Electives (3 hours)

Students choose three (3) credit hours from the following list of courses:

- CEN 3722 Human Computer Interfaces for Information Technology
- CEN 4360 Mobile Applications Development for IT
- CGS 3845 Electronic Commerce
- CIS 3213 Foundations of Cyber Security
- CIS 3433 System Integration and Architecture for IT
- CIS 4204 Ethical Hacking
- CIS 4361 Information Assurance and Security Management for IT
- CIS 4412 Resource Management for IT

UNDERGRADUATE STUDIES

- CNT 4104/CNT 4104L Computer Information Networks for Information Technology with Lab
- COP 3353 User-Level Introduction to Linux for IT
- COP 4564 Application Maintenance &Debugging for IT
- CTS 4337 Linux Workstations System Administration for IT

The above electives may not be offered every semester. Additional electives may be possible. Please consult with the Department of Computer Science and Engineering undergraduate academic advisor.

Entrance Requirement for the Computer Systems Technology concentration: Students must have completed the A.S. degree with a major in Information Technology, Computer Science, Networking, or a closely related field.

CRIMINAL JUSTICE (ACJ)
http://ugs.usf.edu/catalog/?category=majors

The Criminal Justice concentration provides students with an exposure to the criminal justice system including law enforcement, detention, the judiciary, corrections, and probation and parole. The objective of the concentration in Criminal Justice 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.

REQUIREMENTS FOR THE CONCENTRATION IN CRIMINAL JUSTICE
TOTAL CONCENTRATION HOURS: 21
Concentration Core (6 hours)

- CCJ 3117 Theories of Criminal Behavior
- CCJ 3024 Survey of the Criminal Justice System

Concentration Electives (15 hours)

Choose fifteen (15) credit hours of upper-level Criminal Justice courses with the following prefixes: CCJ, CJE, CJC, or CJL.

DEAF STUDIES (ADS)
http://ugs.usf.edu/catalog/?category=majors

This concentration will introduce students to the history, culture and language of the American Deaf community. The student will be exposed to the full spectrum of Deafness from the cultural view to the pathological view. In addition, students will be able to explore a variety of social and community services and tailor their education to their specific area of interest. Students will be able to apply their knowledge of Deafness and cultural perspective to these social and community services in order to become an advocate within the community.

REQUIREMENTS FOR THE CONCENTRATION IN DEAF STUDIES
TOTAL CONCENTRATION HOURS: 21
Concentration Core (12 hours)

- ASL 3514 Deaf Culture
- INT 3004 Fundamentals of Interpreting
- SPA 3470 Culture and Diversity in CSD
- SPA 4321 Introduction to Audiologic Rehabilitation

Concentration Electives (9 hours)

Choose nine credit hours from the following list of courses:

- ASL 2140C Basic American Sign Language
- ASL 2150C Intermediate American Sign Language
- ASL 3324 Advanced ASL Discourse
- ASL 4161C Advanced American Sign Language
- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- SPA 3002 Introduction to Disorders of Speech and Language
- SPA 3004 Introduction to Language Development and Disorders
- SPA 3030 Introduction to Hearing Science

UNDERGRADUATE STUDIES

- SPA 3112 Applied Phonetics in Communication Disorders
- SPA 3261 Language Science for Comm. Sciences & Disorders
- SPA 3310 Introduction to Disorders of Hearing

ENVIRONMENTAL POLICY (AEP)
http://ugs.usf.edu/catalog/?category=majors

This concentration is a unique interdisciplinary program that incorporates courses from various colleges across the University. Although there are courses in the concentration that are offered by the Environmental Science and Policy Division, the degree concentration also offers students the opportunity to take supporting courses in other physical and natural sciences, statistics, policy, and ethics.

REQUIREMENTS FOR THE CONCENTRATION IN ENVIRONMENTAL POLICY
TOTAL CONCENTRATION HOURS: 22

Concentration Core (7 hours)
- EVR 2001 Introduction to Environmental Science
- EVR 2001L Environmental Science Lab
- EVR 2861 Introduction to Environmental Policy

Concentration Electives (15 hours)
- **Choose 9 credit hours from the following:**
  - EVR 4027 Wetland Environments
  - EVR 4033 Environmental Regulation
  - EVR 4104 Karst Environments
  - EVR 4114 Climate Change
  - GEO 4502 Economic Geography
- **Choose 6 credits from the following:**
  - EVR 4807 Sustainable Healthy Environments
  - EVR 4930 Selected Topics
  - GEO 4340 Natural Hazards
  - GEO 4372 Global Conservation
  - GEO 4421 Cultural Geography
  - GEO 4471 Political Geography
  - GEO 4604 Topics in Urban Geography
  - GEO 4700 Transportation Geography
  - GIS 4043C Geographical Information Systems
  - PAD 3003 Introduction to Public Administration
  - PAD 4144 Non-Profit Organizations and Public Policy
  - PAD 4930 Selected Topics in Public Administration and Public Policy
  - POS 3142 Introduction to Urban Politics and Government
  - POS 3182 Florida Politics and Government
  - URP 4052 Urban and Regional Planning

UNDERGRADUATE STUDIES

INFORMATION STUDIES: INFORMATION ARCHITECTURE (AIA)

http://ugs.usf.edu/catalog/?category=majors

The Information Architecture concentration provides students with the foundational technical knowledge, information design theory, and best practices supporting designing, organizing, classifying, and improving web sites and other online applications, organization intranets, social networking applications and online communities, and software for a variety of organizations. The Information Architect's career opportunities may be in information architecture, project management, design, analysis, usability testing, planning, user interaction design, universal access design, web database design, customer management, and other information related fields.

REQUIREMENTS FOR THE CONCENTRATION IN INFORMATION STUDIES: INFORMATION ARCHITECTURE
TOTAL CONCENTRATION HOURS: 21

Concentration Core (18 hours)

- LIS 3261 Introduction to Information Science
- LIS 3353 IT Concepts for Information Professionals
- LIS 3783 Information Architecture
- LIS 3361 World Wide Web Page Design and Management
- LIS 3352 Interaction Design
- LIS 4365 Web Design Technologies

Concentration Electives (3 hours)

Choose three credit hours from the following list of courses:

- CEN 3722 Human Computer Interfaces for Information Technology
- CGS 3847 Portal Development and E-Commerce
- CIS 3360 Principles of Information Security
- CIS 3367 Architecting Operating System Security
- CIS 3932 Special Topics for Information Technology
- CIS 4204 Ethical Hacking
- CIS 4253 Ethics for Information Technology
- CIS 4361 Information Technology Security Management for IT
- CIS 4365 Computer Security Policies and Disaster Preparedness
- CIS 4368 Database Security and Audits
- CIS 4412 Resource Management for IT
- CIS 4510 IT Project Management
- CIS 4932 Special Topics for Information Technology
- CIS 4935 Senior Project in Information Technology
- COP 1930 Special Topics for Information Technology
- COP 2930 Special Topics for Information Technology
- COP 2931 Special Topics for Information Technology
- COP 3931 Special Topics for Information Technology
- COP 4814 Web Services
- COP 4816 XML Applications
- COP 4834 Data-Driven Web Sites
- COP 4931 Special Topics for Information Technology
- ETG 3931 Special Topics in Information Technology
- ETG 3933 Selected Topics in Technology
- ETG 3934 Selected Topics in Technology II
- ETG 4930 Special Topics in Information Technology
- LIS XXXX Approved Information Science elective

UNDERGRADUATE STUDIES

PUBLIC HEALTH (APL)
http://ugs.usf.edu/catalog/?category=majors

Upon completion of the Public Health concentration coursework, a student will be able to articulate the role of public health in disease prevention and health promotion at the local, state, national and global level, describe public health concepts and issues, discuss and analyze current public health issues, describe career paths in public health, and develop an understanding of public health that can serve as a foundation for graduate coursework in the field.

REQUIREMENTS FOR THE CONCENTRATION IN PUBLIC HEALTH
TOTAL CONCENTRATION HOURS: 21
Concentration Core (9 hours)
- HSC 4551 Survey of Human Diseases
- PHC 4030 Introduction to Epidemiology
- PHC 4101 Overview of Public Health Programs and Policies

Concentration Electives (12 hours)
Choose 12 credit hours from the following list of courses:
- HSC 4172 Women's Health: A Public Health Perspective
- HSC 4211 Health, Behavior and Society
- HSC 4430 Occupational Health and Safety
- HSC 4504 Foundations of Public Health Immunology
- HSC 4573 Foundations of Food Safety
- HSC 4579 Foundations of Maternal and Child Health
- HSC 4624 Foundations of Global Health
- HSC 4630 Understanding U.S. Health Care
- HSC 4631 Critical Issues in Public Health
- HSC 4933 Special Topics in Public Health
- HUN 3126 Food and Culture
- HUN 3272 Sports Nutrition
- HUN 3296 Nutrition and Disease
- PHC 4031 Emerging Infectious Diseases
- PHC 4032 Foundations of Infection Control
- PHC 4069 Biostatistics in Society
- PHC 4241 Psychology of Fear & Mental Health Issues Related to Disasters
- PHC 4720 Foundation to Professional Writing in Public Health

PUBLIC ADMINISTRATION (APU)
http://ugs.usf.edu/catalog/?category=majors

The Public Administration concentration 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.

REQUIREMENTS FOR THE CONCENTRATION IN PUBLIC ADMINISTRATION
TOTAL CONCENTRATION HOURS: 21
Concentration Core (15 hours)
- PAD 3003 Introduction to Public Administration
- PAD 4144 Nonprofit Organizations and Public Policy
- PAD 4204 Public Financial Administration
- PAD 4415 Personnel and Supervision in Today's Diverse Organizations
- PAD 4712 Managing Information Resources in the Public Sector

Concentration Electives (6 hours)
Choose six credit hours from the following list of courses:
- PAD 4930 Selected Topics in Public Administration and Public Policy
- POS 3182 Florida Politics and Government

UNDERGRADUATE STUDIES

- PUP 4002 Public Policy
- URP 4050 City Planning and Community Development
- URS 3002 Introduction to Urban Studies

URBAN STUDIES (AUR)
http://ugs.usf.edu/catalog/?category=majors

The Urban Studies concentration offers students the opportunity to supplement their education and training with a focus on the problems and potential of the urban world around us. 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.

REQUIREMENTS FOR THE CONCENTRATION IN URBAN STUDIES
TOTAL CONCENTRATION HOURS: 21
Concentration Core (6 hours)

- PAD 3003 Introduction to Public Administration
- URS 3002 Introduction to Urban Studies

Concentration Electives (15 hours)

- **Choose 6 credit hours from the following:**
  - URP 4050 City Planning and Community Development
  - URP 4052 Urban and Regional Planning
  - URP XXXX An approved URP course or URS XXXX An approved URS course
- **Choose 9 credit hours from the following:**
  - AMH 3500 American Labor History
  - AMS 3700 Racism in American Society
  - ARC 4784 The City
  - CCJ 3014 Crime and Justice in America
  - EVR 2861 Introduction to Environmental Policy
  - GIS 3006 Mapping Geovisualization
  - IDS 4942 Community Internship
  - PAD 4144 Nonprofit Organizations and Public Policy
  - PAD 4204 Public Financial Administration
  - PAD 4930 Selected Topics in Public Administration and Public Policy
  - PAD 5035 Issues in Public Administration and Public Policy
  - PAD 5807 Urban and Local Government Administration or POS 3142 Introduction to Urban Politics and Government
  - POS 3182 Florida Politics and Government
  - SOW 3210 American Social Welfare System
  - SPC 3710 Communication and Cultural Diversity
  - SYD 4410 Urban Sociology
  - TTE 4003 Transportation and Society

B.G.S. - GENERAL STUDIES (BGS)
(CIP = 24.0102)
TOTAL DEGREE HOURS: 120
http://www.usf.edu/undergrad/programs/bgs/

USF's Bachelor of General Studies Degree (BGS) is a customized, interdisciplinary degree completion program that provides students with options to choose an appropriate academic program that fits their educational and professional goals. The BGS major provides mid-career, adult students with the opportunity to integrate completion of the baccalaureate degree into their established lifestyle.

BGS students will take an active role in creating their academic plans. Rather than choosing a traditional major, BGS students can choose from a number of established plans of study or can create their own individualized plan of study. BGS students complete 24-27 credits (core courses and electives) within a selected concentration in addition to their other degree requirements.

Due to the nature of degree completion programs, please note the following admissions requirements: a gap in

UNDERGRADUATE STUDIES

education of 3 or more years, at least 60 credits earned at a regionally accredited college or university, good academic standing and extensive work experience. In addition to these requirements, all applicants must meet USF's general admissions standards for transfer students.

Students pursuing a Bachelor of General Studies degree are restricted from declaring a minor, due to USF's degree progression policy.

Students may not pursue the Bachelor of General Studies as a second major, co-degree (concurrent degree), dual degree, or second or post-baccalaureate degree. Baccalaureate degree holders who wish to pursue further education are encouraged to pursue admission into a graduate degree program of study.

STATE MANDATED COMMON COURSE PREREQUISITES
Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. 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. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for this program.

REQUIREMENTS FOR THE MAJOR IN GENERAL STUDIES
TOTAL MAJOR HOURS: 24-27

Major requirements for the B.G.S. Degree:
Major Core (3 hours)
USF Capstone EXIT Requirement:
*   IDS 4934 Senior Capstone for BSAS/BGS

Upon acceptance to the BGS major, students will complete the necessary coursework to reach 120 credit hours. The 120 credit hour requirement includes completing the following:
*   USF Foundations of Knowledge and Learning General Education requirements or approved equivalents - unless GE credits were completed at another Florida institution.
*   All USF exit requirements.
*   Foreign Language Requirement.
*   One or two disciplinary concentrations selected by the student and approved by the advisor.
*   A minimum of 42 semester hours of upper-level work (courses numbered 3000 and above).

Grading Requirement
A minimum grade of C- or better must be attained in each concentration course.

Residency Requirement
At least 30 of the last 60 credit hours must be earned at USF Tampa.

Foreign Language Requirement
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. Note: ASL 2140C Basic American Sign Language and ASL 2150C Intermediate American Sign Language may be substituted to meet this requirement.

Research Opportunities
All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office for Undergraduate Research will assist students in understanding the various course options (http://www.usf.edu/undergrad/undergraduate-research/).

Other Information
The following BGS Areas of Concentration are offered fully or partially online:

UNDERGRADUATE STUDIES

- Computer Systems Technology (partially online)
- Criminal Justice (fully online)
- Educational Foundations (partially online)
- Environmental Policy (partially online)
- Information Studies: Information Architecture (fully online)
- Public Administration (fully online)
- Public Health (fully online)
- Urban Studies (partially online)

Consult advisor for availability of online course offerings.

Advising Information
Office of Undergraduate Studies (UGS)
Location/Phone: Student Services Building (SVC) 2002; (813) 974-4051
Website: http://www.usf.edu/undergrad/programs/bgs/

GENERAL STUDIES CONCENTRATIONS

ARCHITECTURE (GAR)
http://ugs.usf.edu/catalog/?category=majors
This concentration is reserved for redirected graduate students from the USF Tampa Master of Architecture degree program on a case-by-case basis. Students are subject to BGS admission requirements, therefore admission to the program is not a guarantee.

NOTE: This program is no longer accepting new admits.

AGING SCIENCES (GASC)
http://ugs.usf.edu/catalog/?category=majors&display=detail&maj=BGS&deg=BGS&conc=GASC
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, 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 in older persons.

REQUIREMENTS FOR THE CONCENTRATION IN AGING SCIENCES
TOTAL CONCENTRATION HOURS: 21
Concentration Core (12 hours)
- GEY 2000 Introduction to Aging Sciences
- GEY 3601 Physical Changes and Aging
- GEY 3625 Sociological Aspects of Aging
- GEY 4612 Psychology of Aging

Concentration Electives (9 hours)
Choose nine credit hours from the following list of courses:
- GEY 4101 Aging in Special Populations
- GEY 4102 Aging in Modern Literature and Film
- GEY 4231 Elder Abuse and Neglect
- GEY 4322 Care Management for Older Adults
- GEY 4360 Counseling for Older Adults
- GEY 4608 Alzheimer's Disease Management
- GEY 4628 Health, Ethnicity, and Aging
- GEY 4629 Women and Aging
- GEY 4635 Business Management in an Aging Society
- GEY 4641 Death and Dying
- GEY 4647 Ethical and Legal Issues in Aging

UNDERGRADUATE STUDIES

- GEY 4690 Senior Seminar in Aging

BEHAVIORAL HEALTHCARE (GBH)
http://ugs.usf.edu/catalog/?category=majors&display=detail&maj=BGS&deg=BGS&conc=GBH

Behavioral health problems, including mental illness and substance abuse, are among the greatest public health challenges facing our communities. Students enrolling in the Behavioral Healthcare concentration will be exposed to treatment approaches as well as to issues related to the organization, financing, delivery, and outcomes of behavioral health services. Combining academic and experiential learning, the concentration provides students with information and practical experience in behavioral healthcare services.

REQUIREMENTS FOR THE CONCENTRATION IN BEHAVIORAL HEALTHCARE
TOTAL CONCENTRATION HOURS: 21
Concentration Core (18 hours)
- *MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4002 Behavioral Health Systems Delivery
- **MHS 4022 Adult Psychopathology in the Community or **MHS 4490 Behavioral Healthcare Issues for Children
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in BHC
- MHS 4723 Professional Seminar in Behavioral Healthcare

Concentration Electives (3 hours)
Choose three (3) credit hours from the following list of courses:
- MHS 3204 Fundamentals of Applied Behavior Analysis or CLP 4414 Behavior Modification
- MHS 4023 Recovery-Oriented Mental Health Services
- MHS 4074 Child Development and Trauma
- MHS 4203 Practical Skills-Children's Behavioral Healthcare
- MHS 4425 Field Experience in Behavioral Healthcare
- MHS 4434 Behavioral Health and the Family
- MHS 4452 Co-Occurring Disorders
- MHS 4463 Suicide Issues in Behavioral Health
- MHS 4731 Writing for Research and Publication in Behavioral and Community Sciences
- MHS 4741 Applied Research Methods
- MHS 4931 Selected Topics

Course Grade Requirement
*MHS 3411 should be taken during student's first semester of concentration coursework; a minimum grade of "B-" is required.

**Note: MHS 4022 is for students with an interest in working with adults; MHS 4490 is for students interested in working with children.

BUSINESS (GBU)
http://ugs.usf.edu/catalog/?category=majors

The Business concentration will give students exposure to the basic elements of all business disciplines. The goal of the Business concentration is to provide students the opportunity to pursue a broad-based study of upper-level coursework in business with electives from outside the college to meet career preparation goals.

REQUIREMENTS FOR THE CONCENTRATION IN BUSINESS
TOTAL CONCENTRATION HOURS: 24
Concentration Core (24 hours)
- ACG 2021 Principles of Financial Accounting
- ACG 2071 Principles of Managerial Accounting
- ECO 2013 Economic Principles (Macroeconomics)

UNDERGRADUATE STUDIES

- ECO 2023 Economic Principles (Microeconomics)
- FIN 3403 Principles of Finance
- GEB 4890 Strategic Management and Decision Making
- MAN 3025 Principles of Management
- MAR 3023 Basic Marketing

COMPUTER SYSTEMS TECHNOLOGY (GCST)

http://ugs.usf.edu/catalog/?category=majors

The Computer Systems Technology concentration is designed to teach students the fundamentals of computer systems and their application. Emphasis is placed on computer technology, as well as programming and applications, in an era of rapidly changing computer technology. Entrance requirement for concentration: Students must have prior experience and/or coursework in Information Technology, Computer Science, or a closely related field.

Students must take CGS 1540 Introduction to Databases for Information Technology and COP 2512 Programming Fundamentals for Information Technology in their first semester in the concentration, if the courses were not taken prior to transferring to USF. Students must receive a minimum grade of C- in both courses to progress in the Computer Systems Technology concentration. If a student does not receive, enroll, and/or meet the minimum grade requirements for CGS 1540 and COP 2512, he/she will be required to choose another BGS concentration.

REQUIREMENTS FOR THE CONCENTRATION IN COMPUTER SYSTEMS TECHNOLOGY
TOTAL CONCENTRATION HOURS: 21
Concentration Core (18 hours)

- CGS 1540 Introduction to Databases for Information Technology
- CGS 3303 IT Concepts
- COP 2512 Programming Fundamentals for Information Technology
- COP 2513 Object Oriented Programming for Information Technology
- COP 3515 Advanced Program Design for Information Technology
- MAD 2104 Discrete Math

Concentration Electives (3 hours)

Students choose three (3) credit hours from the following list of courses:

- CEN 3722 Human Computer Interfaces for Information Technology
- CEN 4360 Mobile Applications Development for IT
- CGS 3845 Electronic Commerce
- CIS 3213 Foundations of CyberSecurity
- CIS 3433 System Integration and Architecture for IT
- CIS 4204 Ethical Hacking
- CIS 4361 Information Assurance and Security Management for IT
- CIS 4412 Resource Management for IT
- CNT 4104/CNT 4104L Computer Information Networks for Information Technology with Lab
- COP 3353 User-Level Introduction to Linux for IT
- COP 4564 Application Maintenance and Debugging for IT
- CTS 4337 Linux Workstations System Administration for IT

The above electives may not be offered every semester. Additional electives may be possible. Please consult with the Department of Computer Science and Engineering undergraduate academic advisor.

Entrance Requirement for the Computer Systems Technology concentration: Students must have prior experience and/or coursework in Information Technology, Computer Science, Networking, or a closely related field.

CRIMINAL JUSTICE (GCJ)

http://ugs.usf.edu/catalog/?category=majors

The Criminal Justice concentration provides students with an exposure to the criminal justice system including law enforcement, detention, the judiciary, corrections, and probation and parole. The objective of the concentration in

UNDERGRADUATE STUDIES

Criminal Justice 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.

REQUIREMENTS FOR THE CONCENTRATION IN CRIMINAL JUSTICE
TOTAL CONCENTRATION HOURS: 21
Concentration Core (6 hours)
- CCJ 3024 Survey of the Criminal Justice System
- CCJ 3117 Theories of Criminal Behavior

Concentration Electives (15 hours)
Choose fifteen (15) credit hours of upper-level Criminal Justice courses with the following prefixes: CCJ, CJE, CJC, or CJL.

EDUCATIONAL FOUNDATIONS (GEF)
(CIP = 24.0102)
http://ugs.usf.edu/catalog/?category=majors

Students who enroll in Educational Foundations will explore the impact society has had on learning and education. Coursework provides opportunities for students to study the learning process including assessment, perspectives of diverse learners, the organization of schooling, and its links to broader political and historical contexts, the potential of educational systems to bring about social change. The Educational Foundations concentration can be a valuable program addition for students pursuing careers in social and behavioral sciences, law, and youth services among many other career fields. The concentration is appropriate for non-teacher education majors who want to enhance their understanding of educational institutions and the learning process and for those who intend to apply to graduate school in an education program.

REQUIREMENTS FOR THE CONCENTRATION IN EDUCATIONAL FOUNDATIONS
TOTAL CONCENTRATION HOURS: 21
Concentration Core (15 hours)
- EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues or EEX 4070 Integrating Exceptional Students into the Regular Classroom
- EDF 4490 Studies in Research Design <u>or</u> EDF 4430 Measurement for Teachers or any measurement course for teachers
- EDF 3122 Learning and the Developing Child <u>or</u> EDF 3214 Human Development and Learning or EDF 4124 Child Growth and Learning
- Any pre-approved ESOL course offered by USF
- EDF 3604 Schools in Society

Concentration Electives (6 hours)
Any six (6) credit hours of 3000-4000 level coursework with the following prefixes: EDE, EDF, EDG, EDP, EEC, EVT, FLE, LAE, or TSL.

Note: Courses restricted to College of Education majors, field experience and/or internship courses will not be approved as electives for the concentration.

ENVIRONMENTAL POLICY & MANAGEMENT (GEM)
http://ugs.usf.edu/catalog/?category=majors

This concentration is a unique interdisciplinary program that incorporates courses from various colleges across the University. Although there are courses in the concentration that are offered by Environmental Science and Policy, the concentration also offers students the opportunity to take supporting courses in other physical and natural sciences, statistics, policy, and ethics.

UNDERGRADUATE STUDIES

REQUIREMENTS FOR THE CONCENTRATION IN ENVIRONMENTAL POLICY & MANAGEMENT
TOTAL CONCENTRATION HOURS: 22
Concentration Core (7 hours)
- EVR 2001 Introduction to Environmental Science
- EVR 2001L Environmental Science Lab
- EVR 2861 Introduction to Environmental Policy

Concentration Electives (15 hours)
- **Choose 9 credits from the following:**
    - EVR 4027 Wetland Environments
    - EVR 4033 Environmental Regulation
    - EVR 4104 Karst Environments
    - EVR 4114 Climate Change
    - GEO 4502 Economic Geography
- **Choose 6 credits from the following:**
    - EVR 4807 Sustainable Healthy Environments
    - EVR 4930 Selected Topics
    - GEO 4340 Natural Hazards
    - GEO 4372 Global Conservation
    - GEO 4421 Cultural Geography
    - GEO 4471 Political Geography
    - GEO 4604 Topics in Urban Geography
    - GEO 4700 Transportation Geography
    - GIS 4043C Geographical Information Systems
    - PAD 3003 Introduction to Public Administration
    - PAD 4144 Non-Profit Organizations and Public Policy
    - PAD 4930 Selected Topics in Public Administration and Public Policy
    - POS 3142 Introduction to Urban Politics and Government
    - POS 3182 Florida Politics and Government
    - URP 4052 Urban and Regional Planning

INFORMATION STUDIES: INFORMATION ARCHITECTURE (GFA)
http://ugs.usf.edu/catalog/?category=majors
The Information Architecture concentration provides students with the foundational technical knowledge, information design theory, and best practices supporting designing, organizing, classifying, and improving web sites and other online applications, organization intranets, social networking applications and online communities, and software for a variety of organizations. The Information Architect's career opportunities may be in information architecture, project management, design, analysis, usability testing, planning, user interaction design, universal access design, web database design, customer management, and other information related fields.

REQUIREMENTS FOR THE CONCENTRATION IN INFORMATION STUDIES: INFORMATION ARCHITECTURE
TOTAL CONCENTRATION HOURS: 21
Concentration Core (18 hours)
- LIS 3261 Introduction to Information Science
- LIS 3353 IT Concepts for Information Professionals
- LIS 3783 Information Architecture
- LIS 3361 World Wide Web Page Design and Management
- LIS 3352 Interaction Design
- LIS 4365 Web Design Technologies

Concentration Electives (3 hours)
Choose three credit hours from the following list of courses:
- CDA 3101 Computer Organization for Information Technology
- CEN 3722 Human Computer Interfaces for Information Technology

UNDERGRADUATE STUDIES

- CEN 4031 Software Engineering Concepts for Information Technology
- CGS 3303 IT Concepts
- CGS 3845 Electronic Commerce
- CGS 3847 Portal Development and E-Commerce
- CGS 3850 Web Development: JavaScript & jQuery
- CGS 3853 IT Web Design for IT
- CGS 4855 Intermediate Web Development (jQuery)
- CIS 3360 Principles of Information Security
- CIS 3362 Cryptography and Information Security
- CIS 3367 Architecting Operating System Security
- CIS 3932 Special Topics for Information Technology
- CIS 4204 Ethical Hacking
- CIS 4253 Ethics for Information Technology
- CIS 4361 Information Technology Security Management for IT
- CIS 4365 Computer Security Policies and Disaster Preparedness
- CIS 4368 Database Security and Audits
- CIS 4412 Resource Management for IT
- CIS 4510 IT Project Management
- CIS 4932 Special Topics for Information Technology
- CIS 4935 Senior Project in Information Technology
- COP 1930 Special Topics for Information Technology
- COP 2930 Special Topics for Information Technology
- COP 2931 Special Topics for Information Technology
- COP 3515 Advanced Program Design for Information Technology
- COP 3718 Database Systems Design
- COP 3931 Special Topics for Information Technology
- COP 4538 Data Structures and Algorithms for Information Technology
- COP 4610 Operating Systems for Information Technology
- COP 4610L Operating Systems Laboratory for Information Technology
- COP 4814 Web Services
- COP 4816 XML Applications
- COP 4834 Data-Driven Web Sites
- COP 4931 Special Topics for Information Technology
- CNT 4104 Computer Information Networks for Information Technology
- CNT 4104L Computer Information Networks Laboratory for Information Technology
- ETG 3612 Operations Management
- ETG 3931 Special Topics in Information Technology
- ETG 3933 Selected Topics in Technology
- ETG 3934 Selected Topics in Technology II
- ETG 4930 Special Topics in Information Technology
- LIS XXXX Approved Information Science elective

PUBLIC ADMINISTRATION (GPA)
http://ugs.usf.edu/catalog/?category=majors
The Public Administration concentration 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.

REQUIREMENTS FOR THE CONCENTRATION IN PUBLIC ADMINISTRATION
TOTAL CONCENTRATION HOURS: 21
Concentration Core (15 hours)
- PAD 3003 Introduction to Public Administration
- PAD 4144 Nonprofit Organizations and Public Policy
- PAD 4204 Public Financial Administration
- PAD 4415 Personnel & Supervision in Today's Diverse Organizations

UNDERGRADUATE STUDIES

- PAD 4712 Managing Information Resources in the Public Sector

Concentration Electives (6 hours)
Choose six credit hours from the following list of courses:
- PAD 4930 Selected Topics in Public Administration and Public Policy
- POS 3182 Florida Politics and Government
- PUP 4002 Public Policy
- URP 4050 City Planning and Community Development
- URS 3002 Introduction to Urban Studies

PUBLIC HEALTH (GPU)
http://ugs.usf.edu/catalog/?category=majors
Upon completion of the Public Health concentration coursework, a student will be able to articulate the role of public health in disease prevention and health promotion at the local, state, national and global level, describe public health concepts and issues, discuss and analyze current public health issues, describe career paths in public health, and develop an understanding of public health that can serve as a foundation for graduate coursework in the field.

REQUIREMENTS FOR THE CONCENTRATION IN PUBLIC HEALTH
TOTAL CONCENTRATION HOURS: 21
Concentration Core (9 hours)
- HSC 4551 Survey of Human Diseases
- PHC 4030 Introduction to Epidemiology
- PHC 4101 Overview of Public Health Programs and Policies

Concentration Electives (12 hours)
Choose 12 credit hours from the following list of courses:
- HSC 4172 Women's Health: A Public Health Perspective
- HSC 4211 Health, Behavior and Society
- HSC 4430 Occupational Health and Safety
- HSC 4504 Foundations of Public Health Immunology
- HSC 4573 Foundations of Food Safety
- HSC 4579 Foundations of Maternal and Child Health
- HSC 4624 Foundations of Global Health
- HSC 4630 Understanding U.S. Health Care
- HSC 4631 Critical Issues in Public Health
- HSC 4933 Special Topics in Public Health
- HUN 3126 Food and Culture
- HUN 3272 Sports Nutrition
- HUN 3296 Nutrition and Disease
- PHC 4031 Emerging Infectious Diseases
- PHC 4032 Foundations of Infection Control
- PHC 4069 Biostatistics in Society
- PHC 4241 Psychology of Fear & Mental Health Issues Related to Disasters
- PHC 4720 Foundation to Professional Writing in Public Health

URBAN STUDIES (GUS)
http://ugs.usf.edu/catalog/?category=majors
The Urban Studies concentration offers students the opportunity to supplement their education and training with a focus on the problems and potential of the urban world around us. 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.

REQUIREMENTS FOR THE CONCENTRATION IN URBAN STUDIES
TOTAL CONCENTRATION HOURS: 21
Concentration Core (6 hours)

- PAD 3003 Introduction to Public Administration
- URS 3002 Introduction to Urban Studies

Concentration Electives (15 hours)
- **Choose 6 credits from the following:**
  - URP 4050 City Planning and Community Development
  - URP 4052 Urban and Regional Planning
  - URP XXXX Approved course with an URP or URS XXXX Approved course with an URS prefix
- **Choose 9 credits from the following:**
  - AMH 3500 American Labor History
  - AMS 3700 Racism in American Society
  - ARC 4784 The City
  - CCJ 3014 Crime and Justice in America
  - EVR 2861 Introduction to Environmental Policy
  - GIS 3006 Mapping and Geovisualization
  - IDS 4942 Community Internship
  - PAD 4144 Nonprofit Organizations and Public Policy
  - PAD 4204 Public Financial Administration
  - PAD 4930 Selected Topics in Public Administration and Public Policy
  - PAD 5035 Issues in Public Administration and Public Policy
  - PAD 5807 Urban and Local Government Administration or POS 3142 Introduction to Urban Politics and Government
  - POS 3182 Florida Politics and Government
  - SOW 3210 The American Social Welfare System
  - SPC 3710 Communication and Cultural Diversity
  - SYD 4410 Urban Sociology
  - TTE 4003 Transportation and Society

WOMEN'S AND GENDER STUDIES (GWS)
http://www.usf.edu/undergrad/programs/bgs/overview.aspx

The Women's and Gender Studies concentration offers a critical examination of women's experiences and issues through history, culture, race, ethnicity, class, sexuality, and other important intersections of identity. The program seeks to provide students with a sound educational basis for graduate work or further professional pursuits in health, education, activism, social service, or social justice

REQUIREMENTS FOR THE CONCENTRATION IN WOMEN'S AND GENDER STUDIES
TOTAL CONCENTRATION HOURS: 21
Concentration Core (6 hours).
- WST 3015 Introduction to Women's Studies
- Any WST Theory course (4000 level)

Concentration Electives (15 hours)
- COM 4030 Women and Communication
- SYD 4800 Gender and Society
- WST 2600 Human Sexual Behavior
- WST 3324 Women, Environment, and Gender
- WST 3370 Women and Social Action
- WST 4002 Feminist Research Methods
- WST 4262 Literature by Women of Color in the Diaspora
- WST 4310 History of Feminism in the US
- WST 4320 Politics and Issues in Women's Health
- WST 4522 Classics in Feminist Theory
- WST 4561 Contemporary Feminist Theory
- WST 4930 Selected Topics
- WST 3006 Careers and Professionalism in WGS
- WST 3334 Queer Film & Television

UNDERGRADUATE STUDIES

- WST 3380 Sexualities Studies
- WST 3602 Introduction to LGBTQ Cultures
- WST 4336 Feminist Theories of Media & Popular Culture
- WST 4645 Queer Theory

MINOR IN AEROSPACE STUDIES (AEO)
TOTAL MINOR HOURS: 16
http://www.usf.edu/undergrad/programs/minors/aerospace-studies.aspx

The Minor in Aerospace Studies provides students with an understanding of management and leadership concepts as they relate to military officers. Additionally, students analyze the evolution of American defense policy and strategy, with emphasis placed on the development of individual communication skills.

REQUIREMENTS FOR THE MINOR IN AEROSPACE STUDIES
Minor Core (12 hours)
- AFR 3220 Air Force Leadership and Management I
- AFR 3231 Air Force Leadership and Management II
- AFR 4201 National Security Affairs and Preparation for Active Duty I
- AFR 4211 National Security Affairs and Preparation for Active Duty II

Minor Electives (4 hours)
- AFR 1101 Foundation of the United States Air Force Part I
- AFR 1120 Foundation of the United States Air Force Part II
- AFR 2130 The Evolution of USAF Aerospace Power Part I
- AFR 2140 The Evolution of USAF Aerospace Power Part II

Students will not be able to use credit through exam or independent study for application to the minor.

GPA Requirements
A minimum GPA of 2.0 is required in all courses used to satisfy the minor.

Grading Requirement
Grades less than C (GPA of 2.0) or S grades will not be accepted.

Residency Requirement
A minimum of 12 of the 16 credit hours required must be earned at USF.

Advising Information
To declare the Aerospace Studies minor, please complete the form at http://www.usf.edu/undergrad/documents/main/afrotc-minor-declaration-form.pdf. Submit it by email or in person to CWY 408.

MINOR IN LEADERSHIP STUDIES (LDS)
TOTAL MINOR HOURS: 12
http://ugs.usf.edu/catalog/?category=minors&display=detail&min=LDS&code=7a146f49be4ab2f46a768c57ccf11f1d

The leadership Studies minor is interdisciplinary in nature and is a significant benefit to students in all areas of study. Courses are designed to give students a theoretical and practical grasp of leadership relying upon the basic assumption that leadership can be learned and, therefore, taught. The minor takes a unique approach to leadership education that combines practical application of leadership theories and opportunities for students to study the characteristics of authority, leadership, social dynamics, political processes and the values that orient human behavior.

REQUIREMENTS FOR THE MINOR IN LEADERSHIP STUDIES
Minor Core (12 hours)
- LDR 2010 Fundamentals of Leadership
- LDR 4204 Ethics and Power in Leadership

UNDERGRADUATE STUDIES

- LDR 4230 Global Leadership
- LDR 4951 Leadership Capstone Seminar (course to be taken as last course required for the minor)

GPA Requirements
The minimum GPA required for the minor is 2.0.

Grading Requirement
A minimum grade of "C" (not C-) or better in each course is required.

Residency Requirement
At least 8 of the 12 credit hours required for this minor must be taken at USF.

Other Information
To declare the Leadership Studies minor, please complete the form at
http://www.usf.edu/undergrad/documents/main/leadership-studies-minor-declaration-form.pdf. Submit it by email or in person to the Office of Undergraduate Studies.

To request that the Leadership Studies minor be removed from your record, please email the UGS Dean's Office at ugs-dean@usf.edu.

Advising Information
Location/Phone: Office of Undergraduate Studies, Student Services Building (SVC 2002); (813) 974-4051

MINOR IN MILITARY LEADERSHIP (MTY)
TOTAL MINOR HOURS: 18
http://www.usf.edu/undergrad/programs/minors/military-science.aspx

The Military Leadership minor is coordinated through the Department of Military Science and 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, physical and mental fitness and military small unit operations.

REQUIREMENTS FOR THE MINOR IN MILITARY LEADERSHIP
Minor Core (14 hours)
- MSL 3201C Adaptive Team Leadership
- MSL 3202C Leadership in Changing Environments
- MSL 4301C Developing Adaptive Leaders
- MSL 4302C Leadership in a Complex World
- MSL 2900* Army Physical Readiness

* Repeated for two semesters; may be repeated up to four semesters, however only two credits will count toward minor.
Minor Electives (4 hours)
 Choose four credit hours from the following list of courses:
- MSL 1001C Leadership and Personal Development
- MSL 1002C Introduction to Tactical Leadership
- MSL 2101C Innovative Team Leadership
- MSL 2102C Foundations of Tactical Leadership
- MSL 2901 Basic Leader Training
- MSL 4930 Advanced Directed Study and Research
- AFR 1101 The Foundation of the United States Air Force Part 1
- AFR 1120 The Foundations of the United States Air Force Part 2
- AFR 2130 Evolution of USAF Air and Space Power, Part 1
- AFR 2140 Evolution of USAF Air and Space Power, Part 2
- AFR 3220 Air Force Leadership and Management I
- AFR 3231 Air Force Leadership and Management II
- AFR 4201 National Security Affairs & Preparation for Active Duty I
- AFR 4211 National Security Affairs & Preparation for Active Duty II

GPA Requirements
The student must maintain a 2.0 GPA in the coursework required for minor.

Grading Requirement
A minimum grade of C or better must be maintained in each course. S grades will not be accepted.

Residency Requirement
 A minimum of 14 of the 18 hours must be earned at USF.

Advising Information
To declare the Military Leadership minor, please complete the form at
http://www.usf.edu/undergrad/documents/main/arotc-minor-declaration-form.pdf. Submit it by email or in person to CWY 408.

MINOR IN NAVAL SCIENCE AND LEADERSHIP (NSL)
TOTAL MINOR HOURS: 18
http://www.usf.edu/undergrad/programs/minors/naval-science-and-leadership.aspx

The minor in Naval Science and Leadership is coordinated through the Department of Naval Science and is designed to provide the student with an in-depth understanding of Naval leadership doctrine and the fundamental principles by which Navy and Marine Corps leaders act to accomplish their mission. The minor lays out a framework by which the Navy and Marine Corps conduct routine operations and planning and it also provides a foundation in design theory with a practical application to naval platforms and weapon systems.

REQUIREMENTS FOR THE MINOR IN NAVAL SCIENCE AND LEADERSHIP
Minor Core (12 hours)
- NSC 1110 Introduction to Naval Science
- NSC 1140 Sea Power and Maritime Affairs
- NSC 2231 Principles of Naval Management I
- NSC 4232 Principles of Naval Management II

Minor Electives (6 hours)
Choose six credit hours from the following list of courses:
- NSC 2121 Naval Ship Systems I
- NSC 2212C Navigation/Naval Operations I: Navigation
- NSC 2220 Evolution of Warfare
- NSC 3123 Naval Ship Systems II
- NSC 3214C Navigation/Naval Operations II: Seamanship and Ship Operations
- NSC 4224 Amphibious Warfare

GPA Requirements
The student must maintain a 2.0 GPA in the coursework required for the minor.

Grading Requirement
A minimum grade of "C" or better must be maintained in each course. "S" grades will not be accepted.

Residency Requirement
A minimum of 14 of the 18 credit hours must be earned at USF.

Advising Information
To declare the Naval Science and Leadership minor, please complete the form at
http://www.usf.edu/undergrad/documents/main/nrotc-minor-declaration-form.pdf. Submit it by email or in person to CWY 408.