

# UNDERGRADUATE STUDIES

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UNIVERSITY OF SOUTH FLORIDA 2011-2012 UNDERGRADUATE CATALOG

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## OFFICE OF THE DEAN

**Location/Phone:** SVC 2003; (813) 974-4051

**Office Hours:** 8 a.m. – 5 p.m., Monday through Friday

**Web Address:** <http://www.ugs.usf.edu/ugs.htm>

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, including the Bachelor of Science in Applied Sciences, Leadership Studies, and the Army, Air Force and Naval Reserve Officer Training Corps programs.

Undergraduate Studies provides a strong set of Student Success programs 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 a myriad of 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. Those services include: Tutoring and Learning Services in the Learning Commons, the University Career Center, First-Year and Transfer Student Orientation, the Transitional Advising Center, the University Experience Course, First Generation Access and Pre-Collegiate Programs, and the Academic Enrichment Center for Student Athletes.

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 plan their job search. The Career Center also provides information on employment opportunities and creates venues where students can network and interview with local, state, national and international employers.

The Career Center's numerous services are clustered into the areas of career planning, career-related work experience, job search preparation, and making contact with employers.

### Career Planning

Sessions with a career counselor are available to help students make an informed decision about a potential career and major.

Career Assessment Surveys are available to help students identify their interests, skills and work values.

Career Decision-making Seminars, offered online, teach students about the career development process and how 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.

### 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") a structured, academic program of paid, practical work experience related to a student's major is administered by the Career Center. Eligibility and program details are located on the Career Center web site.

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

Sessions with a career counselor are available for assistance with resume/cover letter preparation; interview techniques; and various other job search strategies.

Job Search Seminars, offered online, are available on topics such as resume writing, interview techniques and other job search strategies.

Job Search Reference Library contains resources on resume writing, interviewing and job search strategies,

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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 an on-line job search, scheduling on-campus interviews and researching employers.

## **Making Contact with Employers**

On-Campus Interviews for Internships and Full-time Positions are conducted in the Career Center by recruiters from numerous types of organizations. All majors are eligible to participate.

Resume Referral is available to students with a resume uploaded in the Career Center's online resume database. Students can electronically refer their resume to apply for both on-campus interviews, and employment opportunities advertised in the Career Center's job listing database.

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 with internet access. The VVI, linked to the student's uploaded resume, is the latest technology for screening interviews, and can also be used for interview practice by students.

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 positions.

Credential Service is available through a partnership between the Career Center and 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.

## **Alumni CareerQuest Services**

*Alumni CareerQuest* assists USF alumni in the development of career and job searches critical for navigating today's competitive job market. *Alumni CareerQuest* is exclusively for USF graduates who have completed a minimum of a bachelor's degree.

## **Transitional Advising Center (TRAC)**

**Location/Phone:** SVC 2043, (813) 974-2645

**Web address:** <http://www.ugs.usf.edu/trac/trac.htm>

TRAC'S primary responsibility is to provide academic advising to undergraduate students in transition (undeclared), 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, and preparation for entrance into Pre-Hospitality Management and the Bachelor of Science in Applied Science (BSAS). The staff also evaluates and certifies all students seeking Associate of Arts certificates. TRAC is also available for students who need assistance transitioning from one major to another. Sometimes the reality is that a major of choice is not an option because of limited acceptance numbers, minimum GPA standards, or a realization that one is no longer on the right path. TRAC advisors can assist with the selection of a new major.

Appointments can be scheduled online at: <http://usfweb3.usf.edu/appointments/StudentSignon.asp>.

The Transitional Advising Center is dedicated to promoting the successful achievement of transitional students' academic goals through comprehensive advising services.

## **Tutoring & Learning Services**

**Location/phone:** LIB 206, (813) 974-2713

**Web address:** [www.usf.edu/learning](http://www.usf.edu/learning)

Tutoring & Learning Services is part of the Library Learning Commons and is located on the second floor, LIB 206. Offering a variety of academic support services, the mission of the department is to support student learning. Tutoring is free and available in many different subject areas including math, science, and languages. Students can select from several drop-in centers or make an appointment. In addition, a number of academic enhancement courses and workshops on learning strategies, test-taking, study and research skills are offered each semester including several credited courses such as Strategic Learning (REA 2604) and Critical Reading and Writing (REA 2105).

## **Writing Center**

**Location/phone:** LIB 125, (813) 974-8293

**Web address:** [www.usf.edu/writing](http://www.usf.edu/writing)

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The Writing Center is a place for writers of all skill levels to take chances, ask questions, and develop their abilities. The Writing Center is an academic support partner in the Library Learning Commons and is located at LIB 125, just beyond the Reference Desk. Writing support is free to all registered USF students. Writing consultants are graduate students from the English Department who are qualified to assist all levels of students from first-year undergraduate to doctoral level, including staff and faculty. Appointments are encouraged and can be scheduled by phone, in person, or online through Blackboard.

## Academic Enrichment Center for Student Athletes

The Academic Enrichment Program at the University of South Florida is designed to be a full service program with the goal of providing the programs and services necessary to enhance the total development of the USF student-athlete. The program is focused on the unique needs and demands of student-athletes at USF and fosters the cultivation of skills that allow for the development of potential in the classroom, on the field and for the future.

The Academic Enrichment Program provides a variety of support mechanisms for all student-athletes by way of specific events and activities designed to promote academic success, athletic success, community service, career development and personal development. The theories and tenants mirror those promoted through the NCAA CHAMPS Life/Skills model, but are designed specifically for the identified needs and challenges specific to our student-athlete body.

## First Generation Access and Pre-Collegiate Programs

The First Generation Access and Pre-collegiate Programs (FGAPP) consist of retention programs providing access to a university education for promising first year students who are first-generation college students and/or come from limited income households. The Freshman Summer Institute and the Student Support Services programs provide services and activities that focus on helping students transition from high school to college, improving student persistence and graduation, promoting academic achievement and providing academic, social, and cultural support during their matriculation at the University.

FGAPP also administers federal and state funded pre-collegiate programs charged with serving the needs of underserved students in Hillsborough County. These programs, Upward Bound and the College Reach-Out Program (CROP), work with first-generation and limited income secondary students (grades 8 through 12) who aspire to attain a post-secondary education. Both programs encourage, support, and prepare students to successfully complete high school on a timely basis and acquire the necessary skills to successfully enter and graduate from their college of choice.

### The Freshman Summer Institute

**Location/phone:** SVC 2011, (813) 974-4227

**Web address:** <http://www.ugs.usf.edu/fsi/fsi.htm>

The Freshman Summer Institute (FSI) provides access to a university education for students from first generation and/or limited income families and identifies qualified individuals through a review of admission applications, academic records, and family income as determined by the Free Application for Federal Student Aid. Each year a limited number of students enter USF through this program.

All students admitted to FSI must enroll in a six-week summer session. Throughout the six weeks, students are required to live in the residence halls where they experience an environment supportive of their academic work. Each student receives a class schedule based on standardized test scores, high school transcript, and intended major. Students typically register for a rigorous academic schedule over a six-week period consisting of nine credits in general education courses. Students attend weekly workshops on a variety of topics relevant to academic success, acclimation to college life, and their growth and development as first-year students. Students must end the summer term in good academic standing in order to continue in the fall semester.

The Freshman Summer Institute tackles the challenges of the freshman year with an active concern for students' personal and academic welfare, enhancing their academic enrichment and better orienting them to the university environment. Continuous counseling and advising is a crucial element of the program. Counselors 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

**Location/phone:** SVC 2011, (813) 974-4301

**Web address:** <http://www.ugs.usf.edu/sss/sss.htm>

Student Support Services (SSS) is a federally funded retention program designed to help students make a smooth transition from high school to the University of South Florida. The program provides academic and personal support

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for students during their first two years of enrollment. A student is eligible to participate in Student Support Services if the student meets all of the following requirements:

- a) Is a citizen or national of the United States or meets the residency requirements for Federal student financial assistance;
- b) Is enrolled at the grantee institution or accepted for enrollment in the next academic term at that institution;
- c) Has a need for academic support (SAT below 1020 or ACT below 21 or high school grade point average below 3.20);
- d) Is 1) a low income individual; 2) a first I generation college student (the student's parents did not earn a four year degree); or 3) an individual with disabilities.

Student Support Services provides a six-week summer program to ease the transition from high school to college, enhance self-confidence, establish a strong foundation during the summer semester, and expose students to university resources and facilities. Students receive a comprehensive summer orientation, individualized advising, college survival skills and course credit toward graduation. Students must complete the summer term in good academic standing in order to participate in the program during future terms. Other services provided include ongoing individual counseling, midterm assessment, early registration, informational seminars, financial assistance, tutorial assistance, laptop loan program, computer lab, career programs, and counseling. Research reveals that USF's Student Support Services Program has been recognized nationally for its positive impact on student retention and graduation rates. In fact, 80-90% of program participants are in good academic standing at the end of each semester.

## ENLACE

**Location/phone:** SVC 2011, (813) 974-2563

**Web address:** <http://www.ugs.usf.edu/enlace/enlace.htm>

ENLACE (Engaging Latino Communities for Education) is a program designed to promote academic success, retention, and graduation of Latino students on the University of South Florida campus. Focusing on first generation in college students from limited income families, the program helps students make a smooth transition to campus life and provides services designed to help create a strong sense of community of students. ENLACE provides motivation, encouragement, and guidance in professional and personal development. Students are encouraged to participate in community outreach programs through activities that celebrate their culture, educate their community, and provide opportunities for growth and development.

## College Reach-Out Program

**Location/phone:** SVC 1054, (813) 974-3713

**Web address:** <http://www.ugs.usf.edu/crop/crop.htm>

The College Reach-Out Program (CROP) is a statewide program designed to increase the number of students who successfully complete a postsecondary institution. The program's primary objective is to strengthen the educational motivation and preparation of low-income and educationally disadvantaged students in grades 8 through 12, representing various cultural backgrounds, who otherwise would be unlikely to seek admission to a community college, state university, or independent post-secondary institution without special support and recruitment efforts.

The goals of CROP are to motivate students to pursue a postsecondary institution, develop students' basic learning skills, strengthen students' and parents' understanding of the benefits of postsecondary education, and foster academic, personal, and career development through supplemental instruction.

## Upward Bound Program

**Location/phone:** SVC 1054, (813) 974-9138

**Web address:** <http://www.ugs.usf.edu/upbound/upbound.htm>

The Upward Bound Program (UBP) at the University of South Florida provides fundamental support to participants in their preparation for college placement. The program provides opportunities for participants to succeed in their pre-college performance and ultimately in their higher education pursuits. UBP serves high school students (grades 9 through 12) from low-income and first-generation college households.

The goal of UBP is to increase the rates at which high school students enroll in and graduate from institutions of post-secondary education. The purpose of UBP is to provide assistances in developing goals, improving academic skills, and providing the motivation necessary to achieve success in a college or post-secondary program. The program serves 130 students from 10 target schools in the Hillsborough County School District that have been determined to have a high need for academic support.

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## BACHELOR OF GENERAL STUDIES (BGS)

**Location:** SVC 1072

**Phone:** 1-888-873-4968 (USF4YOU)

**FAX:** 813-974-7061

**E-mail:** usf4you@admin.usf.edu

**Web address:** <http://www.usf4you.usf.edu/programs/bachelorsBGS.asp>

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

To be eligible for admission to the BGS program, students must first be admitted to USF. After admission to USF, students must:

- Have completed at least 60 credit hours at a regionally accredited college or university
- Have been out of school for approximately three (3) or more years
- Complete a screened application process conducted by a program advisor
- Be in good standing with former educational institutions
- Demonstrate ability and desire to complete the degree (personal statement, letters of recommendation)

BGS applications include three (3) letters of recommendation, a Personal Goal Statement, Resume (1-2 pages). These documents should be sent directly to:

Bachelor of General Studies Program  
Metro Initiatives/USF4YOU  
University of South Florida  
4202 E. Fowler Avenue, SVC 1072  
Tampa, FL 33620

Upon acceptance to the BGS, students will complete the necessary coursework to reach 120 credit hours. The 120-hour requirement includes completing the following:

- USF General Education (GE) requirements or approved equivalents – unless GE credits were completed at another Florida institution
- USF residency requirements (at least 30 hours earned at USF)
- One or two disciplinary concentrations selected by the student and approved by the advisor
- All USF exit requirements
- All foreign language requirements
- A minimum of 48 semester hours of upper-level work, (courses numbered 3000 and above)

BGS students will take an active role in creating their academic programs. 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 18-24 credits (core courses and electives) within selected concentrations:

Aging Studies  
Behavioral Healthcare Services  
Business  
Environmental Policy and Management  
Public Administration  
Public Health  
Urban Studies  
Women's Studies

All BGS students complete a capstone experience identified by the home department of each concentration. Each department may develop specific capstone courses or prefer to enroll their students in a BGS capstone course developed by the faculty members on the BGS Advisory Committee.

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## Bachelor of Science in Applied Science (APS)

**Location/Phone:** SVC 2003; (813) 974-4051

**Office Hours:** 8 a.m. – 5 p.m., Monday through Friday

**Web Address:** <http://www.ugs.usf.edu/academic/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 course 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 <sup>6</sup>	
USF Area of Concentration*	18-21
USF Electives**	<u>15-18</u>
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 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
- 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)

Online Programs: The only BSAS Areas of Concentration available completely online are Criminal Justice, Industrial

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Operations and Information Technology. All courses required for Public Health are available online with the exception of a mandatory first day attendance on-campus requirement for one course – HSC4531 Medical Terminology.

## Requirements for Areas of Concentration

### **BSAS - American Sign Language (ASG) Concentration consists of 19 credit hours:**

ASL 2140C	Basic American Sign Language	(4)
ASL 2150C	Intermediate American Sign Language	(4)
ASL 4161C	Advanced American Sign Language	(4)

### PLUS ONE OF THE FOLLOWING:

ASL 4201C	American Sign Language IV	(4)
ASL 4301C	Structure of Sign Language	(4)

### PLUS ONE OF THE FOLLOWING:

ASL 3514	American Deaf Culture	(3)
SPA 4632	Nature and Needs of Deaf and Hard of Hearing	(3)

### **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)

### AND TWO OF THE FOLLOWING:

MHS 4931	Selected Topics in Behavioral Healthcare	(3)
MHS 4906	Directed Study/Readings	(3)

### **BSAS – Criminal Justice Concentration (ACJ) consists of 18 credit hours:**

CCJ 3610	Theories of Criminal Behavior	(3)
CCJ 4934	Seminar in Criminology (XMW)	(3)

### PLUS FOUR OF THE FOLLOWING:

CJL 3110	Substantive Criminal Law	(3)
CJE 4114	American Law Enforcement Systems	(3)
CCJ 4450	Criminal Justice Administration	(3)
CJC 4010	American Correctional Systems	(3)
CJE 4010	The Juvenile Justice System	(3)
CCJ 3621	Patterns of Criminal Behavior	(3)
CJC 4166	Alternatives to Incarceration	(3)
CJL 4410	Criminal Rights & Procedures	(3)
CJT 4100	Criminal Investigations	(3)
CCJ 4933	Selected Topics in Criminology	(3)
CCJ 4604	Abnormal Behavior & Criminality	(3)
CCJ 3701	Research Methods in Criminal Justice I	(3)

### **BSAS – Environmental Policy Concentration (AEP) consists of 19-20 credits:**

EVR 2001	Introduction to Environmental Science	(3)
EVR 2001L	Introduction 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)

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**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)

**BSAS – Gerontology Concentration (AGR) consists of 21 credit hours:**

GEY 2000 Introduction to Gerontology	(3)
<b>OR</b>	
GEY 3263 Aging in the 21st Century	(3)
GEY 3601 Physical Changes and Aging	(3)
GEY 3625 Sociocultural Aspects of Aging	(3)
GEY 4612 Psychology of Aging	(3)

**PLUS 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)

**BSAS – Leadership Studies (ALS) consists of 18 credit hours:**

Students must complete 6 credit hours from each tier (total 18 cr. hrs.).

*Tier I* (6 hrs.): Personal Systems

LDR 2010 Leadership Fundamentals	(3)
<b>OR</b>	
LDR 3930 Leading in the Workplace	(3)
<b>PLUS</b>	
LDR 4104 Leadership Theories	(3)

*Tier II* (6hrs): Organizational Systems — select any two

LDR 4114 Contemporary Leadership Readings	(3)
LDR 4164 Organizational Theory and Process	(3)
LDR 4564 Images of Leadership in Print & Film	(3)
LDR 3214 Leadership in the Fraternal Movement	(3)
LDR 3930 Special Topics (organizational)	(3)

*Tier III* (6hrs): Global Systems — select any two

LDR 3263 Leadership Practicum	(3)
LDR 4204 Ethics & Power in Leadership	(3)
LDR 4230 Global Leadership	(3)
LDR 3930 Special Topics (global)	(3)

**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)



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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)

**BSAS – Public Health Concentration (APL) consists of 18 credit hours:**

HSA 4120 Introduction to Public Health (3)  
HSC 4554 Survey of Human Disease (3)  
HSC 4933 Special Topics in Public Health\* (3)

\*Please see academic advisor for required special topics courses.

**Electives (9 credit hours):**

HSC 3541 Human Structure and Function (3)  
HSC 4504 Foundations of Public Health Immunology (3)  
HSC 4542 Stress, Health and College Life (3)  
HSC 4579 Foundations of Maternal & Child Health (3)  
HSC 4933 Special Topics in Public Health\*\* (3)  
MHS 4002 Behavioral Health System Delivery (3)

**\*\*AREAS FROM SELECTED SPECIAL TOPICS COURSES SHOULD BE SELECTED IN CONSULTATION WITH YOUR ACADEMIC ADVISOR.**

Selected special topics courses can include the following subjects:

- Behavioral Health System Delivery
- Foundations of Global Health
- Introduction to Environmental Health
- Introduction to Food Safety
- Men's Health and Gender in Society
- Secret History of Death and Disease
- Understanding U.S. Health Care
- Women's Health: A Public Health Perspective

**BSAS – Urban Studies Concentration (AUR) consists of 18-21 credit hours:**

URS 3002 Introduction to Urban Studies (3)

Plus any of 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)

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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.

## LEADERSHIP STUDIES MINOR

### VISION

The University of South Florida's Leadership Studies Program will seek to develop students into knowledgeable, capable, and ethical leaders who are inspired and prepared to effectively engage the complex challenges of leadership and affect positive change in their personal lives, organizations, communities, the nation and the world.

### MISSION

The University of South Florida's Leadership Studies Program provides intentional and rigorous academic courses that educate students in a cross-disciplinary understanding of leadership. This is achieved through a diverse, relevant, and comprehensive curriculum emphasizing active-collaborative learning, self-reflection and critical thinking.

### PROGRAM DESCRIPTION

The leadership Studies Program 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 program 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.

**The minor in Leadership Studies consists of a minimum of 18 credit hours with a "C" grade or better in each course.**

### COURSE SEQUENCING:

#### **CORE COURSES (all are required to receive the Minor)**

- LDR 2010 Fundamentals of Leadership
- LDR 4104 Theories and Foundations of Leadership\*
- LDR 3930 Capstone Seminar on Leadership (preferred taken as last course)\*

**One course must be taken from each of the following Dimensions of Leadership:**

#### **PERSONAL DIMENSIONS OF LEADERSHIP (at least one course for 3 credits)**

- LDR 4114 Contemporary Readings on Leadership
- LDR 4564 Images of Leadership in Print and Film
- LDR 4204 Ethics and Power in Leadership\*

#### **ORGANIZATIONAL/GROUP DIMENSIONS OF LEADERSHIP (at least one course for 3 credits)**

- LDR 4164 Organizational Dynamics in Leadership\*
- LDR 3263 Community Leadership Practicum
- COM 3120 Organizational Communication
- LDR 3214 Leadership in the Fraternal Movement (permit only)
- LDR 3930 (Special Topics – Organizational)

#### **GLOBAL DIMENSIONS OF LEADERSHIP (at least one course for 3 credits)**

- LDR 4230 Global Leadership\*
- LDR 3930 Contemporary Issues in Leadership
- LDR 3930 Leadership and Social Change\*
- LDR 3930 (Special Topics – Global)

**\*These courses require "Fundamentals of Leadership" as a pre-requisite.**

For more information and advising, please contact the Center for Leadership and Civic Engagement (MSC 1300 or 813-974-7595) and visit the website at [www.LeadandServe.usf.edu/leadcourses](http://www.LeadandServe.usf.edu/leadcourses).

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## Joint Military Leadership Center at USF

**Location/Phone:** CWY 407; (813) 974-2025

**Office Hours:** 8 a.m. – 5 p.m., Monday through Friday

**Web Address:** <http://cyber.acomp.usf.edu/~airforce/>

The Joint Military Leadership Center's mission is to provide ROTC cadets/midshipmen/officer candidates with unique core competencies and skills in leadership development, global understanding, and National security/military/defense strategies. They will oversee and provide an academically-structured, research-based, and values-driven program that educates, trains, and prepares military Officers and Service Leaders for their leadership roles in the continuing transformation of America's Armed Forces in the dynamic and challenging global environment.

The University of South Florida is one of only 38 campuses in the Nation that have ROTC programs from all of the Nation's Armed Services (Army, Marine Corps, Navy, and Air Force). A total of 338 college and university campuses in America host an ROTC program from at least one Armed Service. More than 500 undergraduate men and women currently participate in the USF ROTC programs. Most of them attend undergraduate classes exclusively at USF, but many are undergraduate students at nearby colleges and universities that do not have their own ROTC program, faculty, and facilities. Consistent with the mission of USF, a premier, metropolitan-based, research university, The Joint Military Leadership Center focuses on the nature and meaning of effective leadership in a changing environment through high quality classroom delivery, structured research, and community-based experiences.

The Joint Military Leadership Center at the University of South Florida (USF) represents a unique, national leadership development model that supplements and strengthens the intellectual and pedagogical expertise of a major, public research university and a strong Reserve Officer Training Corps (ROTC) tradition with the unique features of a Leadership Lecture Series and a Leadership Scholar-in-Residence Program. The Reserve Officer Training Corps (ROTC) has witnessed significant expansion at the University of South Florida since the establishment of Air Force (1981), Army (1967) and Naval (2002) units. The ROTC Program is academically housed in Undergraduate Studies along with the University's well-regarded interdisciplinary program in Leadership Studies.

The Joint Military Leadership Center is an innovative program that is designed to enhance the quality of reserve officer training programs for the Army, Navy, and Air Force through improved efficiency in the delivery of leadership skills and training. In this way USF, through its ROTC programs, plays a significant role in the education and development of student leaders who, in turn, experience and understand the unique challenges associated with leadership in a joint strategic military environment as they train to become skilled Officers in the Nation's Armed Services.

## Aerospace Studies

### Air Force ROTC

**Location/Phone:** CWY 407; (813) 974-3367

**Office Hours:** 8 a.m. – 5 p.m., Monday through Friday

**Web Address:** <http://cyber.acomp.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 two- 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 \$45,000 per year.

AFROTC is offered as a 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 or 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 student attends a six-week field training encampment in the summer after 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 and 2-year scholarships are available for eligible applicants. Depending on student qualifications, these scholarships may pay all tuition, fees, books, and a \$300 - \$500 per month tax-free stipend. 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 CWY 407 or by registering for the appropriate "AFR" course through university registration. Veterans, active duty

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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 with 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 Affairs and Preparation for Activity Duty I	3
AFR 4211 National Security Affairs and Preparation for Active Duty II	3
c. Other specifications: combination of 4 credit hours from any of the military elective courses below:	
AFR 1101 Foundation of the United States Air Force Part I	1
AFR 112 Foundation of the United States Air Force Part II	1
AFR 2130 The Evolution of USAF Aerospace Power Part 1	1
AFR 2140 The Evolution of USAF Aerospace Power Part 2	1
Optional Courses:	
MSL 1001C Leadership in the Army Profession	2
MSL 1002C Leadership Models and Methods	2
MSL 2101C Individual Leadership Studies	2
MSL 2102C Leadership in Changing Environments	2
MSL 3201C Leading Teams	3
MSL 3202C Leading Small Units	3
MSL 4302C Preparing for Army Leadership	3

## Aerospace Studies Faculty

*Professor:* Robert Wright; *Assistant Professors:* Gary Carruthers, Mark Llewellyn, Michelle Moreno, Christine Newsome, Cheo Stallworth.

## Military Science

### Army Reserve Officers Training Corps (ROTC)

**Location/Phone:** CWY 405/(813) 974-4065

**Office Hours:** 8 a.m. - 5 p.m., Monday through Friday

**Web Address:** <http://armyrotc.com/edu/univsouthfl>

**Email Address:** [arotcgbr@arotc.usf.edu](mailto:arotcgbr@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 or room and board, books, lab and mandatory fees, and certain other academic expenses. All Advanced Course and scholarship students receive a

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monthly subsistence payment that ranges from \$300.00 as a freshman to \$500.00 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 and a half 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 an 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	Adaptive Team Leadership	(3)
MSL 3202C	Leadership in Changing Environments	(3)
MSL 4301C	Developing Adaptive Leaders	(3)
MSL 4302C	Leadership in a Complex World	(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 and Personal Development	(2)
MSL 1002C	Introduction to Tactical Leadership	(2)
MSL 2101C	Innovative Team Leadership	(2)
MSL 2102C	Foundations of Tactical Leadership	(2)

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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:* Pdraig Clark; *Assistant Professors:* Edwin Escobar, Scott Macksam, Andy Miller; Pedro Torres, Stephen Wills.

## Naval Science Naval ROTC

**Location/Phone:** CWY 406

**Office Hours:** 8 a.m. – 5 p.m., Monday through Friday

**Web Address:** <http://web.usf.edu/nrotc>

**Email Address:** [naval@nrotc.usf.edu](mailto: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 program, 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 Corps 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 commission as Ensign in the U.S. Navy or Second Lieutenant in the U.S. Marine Corps and serve on active duty for a minimum of four years.

### The Navy-Marine Corps Four-Year 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 during the four-year period, and during the junior and senior years, pays the midshipman up to \$400.00 per month subsistence allowance.

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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 commission as an Ensign in the U.S. Navy or a Second Lieutenant in the U.S. Marine Corps 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 per month. Upon successful completion of the course, the Navy pays for uniforms, naval science textbooks, and up to \$400.00 per month 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 commission as an Ensign in the U.S. Navy or a Second Lieutenant in the U.S. Marine Corps 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-scholarship 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 commission as an Ensign in the U.S. Navy or Second Lieutenant in the U.S. Marine Corps and serve on active duty for a minimum of four years.

## **Summer Training**

The NROTC 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. The second summer training period will be performed aboard operational ships of the U.S. Fleet. During the third summer, candidates for U.S. Navy commissions will perform training aboard operational ships or aviation squadrons 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 a six-week training program 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.

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## 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 Science (Note 1)	3
NSC 1101L Naval Science Laboratory	0
NSC 1140 Sea Power and Maritime Affairs (Note 1)	3

### Sophomore Year

MAC 2311, 2312 Calculus I, II	8
<b>OR</b>	
MAC 2281, 2282 Engineering Calculus I, II (Note 4)	8
NSC 1101L Naval Science Laboratory	0
NSC 2212C Navigation/Naval Operations I: Navigation (Note 2)	3
NSC 2221 Evolution of Warfare (Note 3)	3
NSC 2231 Principles of Naval Management I (Note 1)	3

### Junior Year

NSC 1101L Naval Science Laboratory	0
NSC 2121 Naval Ships System I (Note 2)	3
NSC 3123 Naval Ships Systems II (Note 2)	3
PHY 2048, 2049 Physics I, II (Note 4)	10

### Senior Year

NSC 1101L Naval Science Laboratory	0
NSC 3214C Navigation/Naval Operations II: Seamanship & Ship Operations (Note 2)	3
NSC 4224 Amphibious Warfare (Note 3)	3
NSC 4232 Principles of Naval Management II	3

### NOTES:

1. Undergraduate Naval Sciences required to be completed for all students before Fall Semester junior year
2. Upper division Naval Science courses required of Navy Options and not required of Marine Options
3. Required of Marine Option midshipmen only
4. One year of each calculus and calculus-based physics is required for every Navy option scholarship student. It is recommended, but optional for College Program and Marine Options.
- 5.

### 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.

## Minor in Naval Science and Leadership

The minor in Naval Science and Leadership entails an 18-hour program organized and coordinated through the Department of Naval Science. A minimum of 14 of the 18 credit 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



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will not be accepted. This program 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. Special emphasis is placed on character development and effective communication skills.

**Required courses:** (Total of 12 Credit Hours)

NSC 1110 Introduction to Naval Science	(3)
NSC 1140 Sea Power and Maritime Affairs	(3)
NSC 2231 Principles of Naval Management I	(3)
NSC 4232 Principles of Naval Management II	(3)

**Other specifications:** combination of 6 credit hours from any of the naval science courses below:

NSC 2121 Naval Ship Systems I	(3)
NSC 2212C Navigation/Naval Operations I: Navigation	(3)
NSC 2221 Evolution of Warfare	(3)
NSC 3123 Naval Ship Systems II	(3)
NSC 3214C Navigation/Naval Operations II: Seamanship and Ship Operations	(3)
NSC 4224 Amphibious Warfare	(3)

**Naval Science Faculty**

*Professor:* Scott Pollpeter; *Assistant Professors:* Eric Coleman, Doug Harvey, John Kehoe, Roger Phelps, Michelle Stanforth.