The Dean of Undergraduate Studies has overall responsibility to enhance the quality of the learning experience in undergraduate programs across all colleges and campuses of the University. The Dean supervises several units and undergraduate academic programs that are not the purview of a single school or college including the offices of Evaluation and Testing, Air Force ROTC Program, Army ROTC Program, and Navy ROTC Program and acts on recommendations from the Undergraduate Council, the Academic Regulations Committee, the Council on Academic Advising, and the Faculty Committee on Student Admissions. As the Director of Community College Relations, the Dean develops articulation agreements with community colleges, area school boards, and area high schools.

The Dean’s Office is the University Student Ombudsman for undergraduate academic matters. The function of the Student Ombudsman is to handle student appeals concerning access to courses and credit granted toward the student’s degree. Students who wish to make an appeal should contact the Office of the Dean of Undergraduate Studies at SVC 2002, 974-4051 for further information.

The Dean is committed to providing vision and leadership in undergraduate education and to serving the needs of all undergraduate students including those with non-traditional and diverse backgrounds.

**The Career Center**

**Location/phone:** SVC 2088, (813) 974-2171, 8-5, Mon-Fri.
**Web address:** [http://www.career.usf.edu](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 and national employers.

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

**Career Planning**

- **Individual Career Counseling Appointments** may be made with a career specialist to help students make an informed decision about a potential career and major.
- **Career Assessment Surveys** are available to help students identify their interests, skills and work values.
- **Career Decision-making Workshops** 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.
- **Graduate & Professional School Fair** provides an opportunity for students to talk to Admissions representatives from graduate and professional schools.
- **Career Development Course** SLS 2401 takes you through each step of the career planning process.

**Career-related Work Experience**

- **Part-time Jobs**, both on and off campus, including Federal Work Study (FWS) jobs are posted on the Career Center web site.
- **Cooperative Education** (“Co-op”) 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**
  - **Individual Job Search Coaching Appointments** may be scheduled for assistance with resume/cover letter preparation; interview techniques; and various other job search strategies.
  - **Walk-in Advising** is available to answer questions about careers, job search or Career Center services. These fifteen-minute sessions are available Monday through Thursday from 8:30-4:30 during fall and spring semesters.
  - **Job Search Workshops** are available on topics such as resume writing, interview techniques and other job search strategies, and include several which demonstrate how to participate in the on-campus interview program.
  - **Job Search Reference Library** contains resources on resume writing, interviewing and job search strategies, 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 local, state and national recruiters from numerous types of organizations. All majors are eligible to participate.

- **Resume Referral** is available to students who have uploaded a resume in the Career Center’s electronic resume database. Resumes can be electronically referred by the Career Center or by students whose qualifications match the employer’s hiring criteria, upon the employer’s request.
- **Virtual Video Interview (VVI)** allows students to visually market their skills, experiences and qualifications to a potential employer by making a web-based video, accessible to employers 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** The Career Center partners with Interfolio, Inc., an on-line service available to students applying to graduate or professional schools, or applying for jobs requiring a credential file, dossier or portfolio.

**Center for Academic Advising**

**Location/phone:** SVC 2011, (813) 974-2645
**Web address:** [http://www.ugs.usf.edu/advising/advising_v/index.html](http://www.ugs.usf.edu/advising/advising_v/index.html)

The Center for Academic Advising is dedicated to promoting the successful achievement of students’ academic goals through comprehensive advising services. The Center’s primary responsibility is to provide academic advising to undergraduate students, with a special emphasis on the needs of students entering a university for the first time.

The following services are provided to these undergraduate students: advisement regarding academic policies and programs, assistance in the selection of a major, administration of special programs for at risk or underprepared student populations. The staff prepares students for entrance into Nursing and Architecture, and evaluates and certifies all students seeking Associate of Arts certificates.

Students who are undecided about a major will be assigned...
to the Center for Advising. Appointments can be scheduled online at: http://www.ugs.usf.edu/advising/advising_v/index.html.

The Center for Academic Advising encourages its students to utilize any of the following services:
- Advisement regarding academic policies, programs, and requirements
- Major selection process
- Workshops and specialized advising for students at-risk
- Preparation for limited access majors
- Evaluation of credits for an Associate of Arts Degree

**Project Thrust**

**Location/phone:** SVC 2034, (813) 974-4227

**PROJECT THRUST** is a support program established to provide personal and academic support to undergraduates at the University of South Florida. Its mission is to provide programs and activities that enhance students’ opportunities, particularly underrepresented minorities, and help them attain their education and career objectives. Utilizing established partnerships with other programs, departments and colleges, **PROJECT THRUST** helps the University create an atmosphere of collaboration, mutual respect and trust for its students, faculty and staff. The program’s holistic approach to student development helps students to persist and graduate. This program contributes significantly to the university's commitment to create a culturally diverse academic community and an environment of intellectual excellence.

Services provided by **PROJECT THRUST** include:
- The Academic Success Center which provides a variety of tutoring services to enrolled students. Highly qualified tutors offer assistance in understanding educational course work and developing of successful study skills strategies.
- The USF Mentoring Program which matches first-year college students with a USF faculty or staff member who serves as a personal contact, friend and role model. Mentors can be your personal key to success at USF!
- The **PROJECT THRUST** Corporate Mentor Program which provides underrepresented students majoring in business with help transitioning from student life to a productive beginning of their professional lives. The program pairs business majors with professionals at the mid-to-upper management level. Mentors help students develop the skills necessary for success in the corporate world.
- The Freshman Summer Institute (FSI) which provides access to a university education for students from educationally or economically disadvantaged backgrounds. Qualified individuals are identified through a review of admission applications, academic records, and family income as determined by the Free Application for Federal Student Aid (FAFSA). Each year a limited number of students enter USF through this program.

**The Freshman Summer Institute**

**Location/phone:** SVC 2034, (813) 974-4227

The Freshman Summer Institute (FSI) provides access to a university education for students from educationally or economically disadvantaged backgrounds. Qualified individuals are identified through a review of admission applications, academic records, and family income as determined by the Free Application for Federal Student Aid (FAFSA). Each year a limited number of students enter USF through this program.

All students admitted to FSI enroll in a six-week summer session. During this time, students become acquainted with University services and resources, ensuring a smooth transition from high school to college life. 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 nine credits in general education courses and undertake a rigorous academic schedule for the six-week period. FSI students may be required to take preparatory courses to satisfy state requirements. 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. They 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. Counselors are a crucial element of the program. They personally advise, counsel and monitor students’ progress throughout the first year. Personalized attention, combined with a holistic approach for student growth, distinguishes the Freshman Summer Institute as a unique student resource.

**Student Support Services Program**

**Location/phone:** SVC 2042, (813) 974-4301
**Web address:** http://www.sa.usf.edu/sss/

Student Support Services (SSS) is a federally funded retention program designed to provide academic and personal support to students admitted via profile assessment, individuals who qualify as either having disabilities or as low income, “first generation” college students (“first generation” means that the students’ parents did not earn a four year degree). The program serves a diverse student population and provides an opportunity for students who may not meet all admission criteria but whose high school records and test scores indicate the potential to succeed in college. SSS has a positive impact on student success. Its participants are retained and graduate at a rate similar to students regularly admitted to the University.

Students who participate receive personal, academic, career, financial, and tutorial assistance. Special instruction is provided in the areas of English composition, reading, and study skills.

SSS provides a summer program to ease the transition from high school to college, establish a strong academic foundation during the summer semester, and expose students to university resources and facilities. Students receive a comprehensive summer orientation, individualized academic advising, course credit toward graduation and college survival skills.

Program participants have an opportunity to join the SSS Club, which serves as a common unit for students to exchange academic information, plan cultural activities, meet former SSS participants, and conduct fund-raising activities.

**Tracking the Academic Progress of Students (TAPS)**

The “Tracking the Academic Progress of Students” or TAPS initiative encourages full-time FTIC students (in the first instance) to make a choice of major at the onset of their academic career. Upon admission to the University and formal declaration of their intended major, TAPS will ensure that all first time in college (FTIC) students starting after the 2005/06 academic year are making successful progress towards their degree. Students who have declared a major and are being tracked towards their degree will be:
- Presented with a complete semester-by-semester 4-year academic degree plan;
- Advised within their declared college and/or department; and
- Continually informed of their academic progress towards completing their degree.

In addition to the aforementioned benefits of TAPS, enrollment management and course scheduling are significantly improved at the university because of TAPS. This initiative is exceptionally proactive with academic, professional and career advising playing a pivotal role, providing a student an enhanced ability to attain their academic goals. In order for a student to remain “on-track” towards their degree completion, it is as-
students design their individualized program of study.

To achieve this end, BSAS students will plan their program in various concentrations allowing students to somewhat tailor their experience and a unique academic area of concentration. 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.

### Bachelor of Science in Applied Science (APS)

**Location/Phone:** SVC 2002; (813) 974-4051  
**Office Hours:** 8 a.m. – 5 p.m., Monday through Friday  
**Web Address:** http://www.ugs.usf.edu/bsas.htm

Workforce projections for the 21st century indicate that there will be an ongoing need for people with specific skills and abilities to fill Florida’s growing number of specialized, scientific, industrial, and technological positions. Florida’s two-year colleges offer many exceptional programs that meet these demands through their Associate in Science (A.S.) degrees. Although these applied and technical degrees provide excellent preparation for students seeking jobs that require specific knowledge, skill, and ability, they have not generally transferred very efficiently into four-year Bachelor’s degree programs. The Bachelor of Science in Applied Science (BSAS) has been developed by USF under current provisions of Florida legislation to remove constraints from the transfer process, recognize past work as transferable credit to the university, and afford exciting new opportunities for A.S. degree holders to pursue and acquire a distinctive USF Bachelor’s degree.

The BSAS program is a "capstone" degree offering A.S. degree holders an efficient pathway to a Bachelor’s degree. It provides Florida A.S. transfer students with a broad educational experience and a unique academic area of concentration. The various concentrations allow students to somewhat tailor their degree to match their academic interests and career ambitions. To achieve this end, BSAS students will plan their program in ongoing consultation with an academic advisor who will help students design their individualized program of study.

### Requirements for the Major in Bachelor of Science in Applied Science

**Recommended Prerequisites (State Mandated Common Prerequisites)**

This degree program is available ONLY to Associate in Science (A.S.) graduates from a Florida public community/junior college.

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

Students wishing to transfer to USF must complete the A.S. degree with an overall “C” average in all college-level courses accepted for transfer credit to USF. Students are encouraged to complete at least 18 credit hours of the General Education Requirements as part of their A.S. degree, and it is highly recommended that students select Gordon Rule communication and computation courses to fulfill these requirements while at the community college.

The A.S. degree will transfer as a complete “60 credit hour package” to USF (applicable only to the BSAS program). Technical coursework will transfer as a 42 credit hour technical block. The remaining 18 credit hours of General Education coursework from the A.S. will be matched against USF requirements to determine which courses remain outstanding for fulfillment of the university’s 36 credit hour General Education Requirement.

<table>
<thead>
<tr>
<th>BSAS - American Sign Language (ASG) Concentration</th>
<th>19 credit hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 3612 Basic American Sign Language (4)</td>
<td></td>
</tr>
<tr>
<td>SPA 4613 Intermediate American Sign Language (4)</td>
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<tr>
<td>SPA 4614 Advanced American Sign Language (4)</td>
<td></td>
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<tr>
<td>PLUS ONE OF THE FOLLOWING:</td>
<td></td>
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<tr>
<td>SPA 4930 American Sign Language IV (4)</td>
<td></td>
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<tr>
<td>SPA 4617 Structure of Sign Language (4)</td>
<td></td>
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<tr>
<td>PLUS ONE OF THE FOLLOWING:</td>
<td></td>
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<tr>
<td>SPA 3633 American Deaf Culture (3)</td>
<td></td>
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<tr>
<td>SPA 4632 Nature and Needs of Deaf and Hard of Hearing (3)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>BSAS - Behavioral Healthcare Concentration (ABH)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MHS 3411 Multidisciplinary Behavioral Healthcare Services (3)</td>
<td></td>
</tr>
<tr>
<td>MHS 4002 Behavioral Health Systems Delivery (3)</td>
<td></td>
</tr>
<tr>
<td>MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment (3)</td>
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<tr>
<td>MHS 4425 Field Experience in Behavioral Healthcare (3)</td>
<td></td>
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<tr>
<td>MHS XXXX Clinical Case Management in Community Care (3)</td>
<td></td>
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<tr>
<td>AND, ONE OF THE FOLLOWING:</td>
<td></td>
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<tr>
<td>MHS 4931 Selected Topics in Behavioral Healthcare (3)</td>
<td></td>
</tr>
<tr>
<td>MHS 4906 Directed Study/Readings (3)</td>
<td></td>
</tr>
</tbody>
</table>

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

Only available at Lakeland or Sarasota campus

| CCJ 3024 Survey of Criminal Justice (3) |  |
| CCJ 3610 Theories of Criminal Behavior (3) |  |
| CJI 3110 Substantive Criminal Law (3) |  |
| CJC 4010 American Correctional Systems (3) |  |
| CCJ 4934 Seminar in Criminology (3) |  |
| CJE 4144 American Law Enforcement (3) |  |

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.
BSAS - General Business Concentration (ABU) consists of 18 credit hours:
- ACG 3074 Managerial Accounting for Non-Business Majors (3)
- ECO 1000 Basic Economics (3)
- FIN 3403 Principles of Finance (3)
- MAN 3025 Principles of Management (3)
- MAN 4XXX Managerial Applications (3)
- MAR 3023 Basic Marketing (3)

BSAS – Early Child Development Concentration (AEC) consists of 19-20 credits:
- EDF 4111 Child Growth & Learning (3)
- EDF 4909 Young Children w/ Special Needs (3)
- HSC 3301 Health, Safety, Nutrition & Motor Skills (3)
- EEC 4303 Creative & Affective Experiences (3)
- EEC 4408 Child, Family & Teacher Relations (3)
- PAD 4419 Personnel & Supervision (3)

BSAS – Environmental Policy Concentration (AEP) consists of 19-20 credits:
- EVR 2001 Introduction to Environmental Science (3)
- EVR 2001L Intro. to Environmental Science Lab (3)
- EVR 2861 Introduction to Environmental Policy (3)

PLUS THREE OF THE FOLLOWING:
- PUB 4203 Environmental Politics and Policy (3)
- PHI 3640 Environmental Ethics (3)
- ECP 3302 Environmental Economics (PR: ECO 2023 Microeconomics) (3)
- POS 3697 Environmental Law (3)

PLUS ONE OF THE FOLLOWING:
- ANT 4147 Environmental Archaeology (3)
- BSC 4057 Environmental Issues (3)
- ECP 3613 Economics of the Urban Environment (3)
- EDF 3228 Human Behavior & Environmental Selection (3)
- EVR 4930 Selected Topics in Environmental Policy (1-4)
- GEO 4340 Natural Hazards (4)
- HIS 4936 Seminar in Environmental History (4)
- IDS 3186 Science and Ethics of Disease (3)
- WST 3225 Women, Environment and Gender (3)

BSAS – Gerontology Concentration (AGR) consists of 21 credit hours:
- GEY 2000 Introduction to Gerontology (3)
- 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 Cast 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 – Hospitality Management Concentration (APU) consists of 18 credit hours:
- ACG 2021 Financial Accounting (3)
- ACG 2071 Managerial Accounting (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)

REQUIRED COURSES:
- FSS 3220 Introduction to Food Production & Management (3)
- HFT 3000 Introduction to Hospitality & Tourism (3)
- HFT 3423 Hospitality Information Systems (3)
- HFT 3503 Hotel Marketing and Sales (3)
- HFT 4221 Human Resources Management (3)
- HFT 4253 Lodging Management (3)

BSAS – Industrial Operations Concentration (AIO) consists of 18 credit hours:
- Only available through Lakeland campus

PREREQUISITES - 9 HOURS:
- MAC 1105 College Algebra (3)
- STA 2023 Introductory Statistics (3)
- COP 2510 Programming Concepts (3)

REQUIRED COURSES:
- ETG 4931 Special Topics in Technology I* (1-5)
- MAN 3025 Principles of Management (3)
- ACG 3074 Accounting for Non-Business Majors (3)

BSAS - Information Technology (ATC) consists of 18 credit hours:
- Only available through Lakeland or Sarasota campus

BSAS - Public Administration Concentration (APU) consists of 18 credit hours:
- Only available through Lakeland campus

BSAS - Public Health Concentration (APL) consists of 18 credit hours:
- Only available through Lakeland or Sarasota campus

*Please see academic advisor for required special topics course.
### Bachelor of Science in Hospitality Management

Program Email: hospitality@sar.usf.edu  
Location: USF Sarasota-Manatee, CPP 101  
Academic Advising: Office of Student Services, USS 805D, (941) 359-4330

The mission of the School of Hotel and Restaurant Management at the University of South Florida is to provide excellence in teaching, research and service to all persons and to build foundations for lifelong learning. The School of Hotel and Restaurant Management prepares individuals for industry management and leadership roles in a global economy and interfaces with stakeholders to deliver hospitality professionals that add to the financial, intellectual, environmental, ethical and social growth of Florida and the Nation.

The Bachelor of Science Degree in Hospitality Management prepares outstanding individuals to be service-oriented professionals. The School of Hotel and Restaurant Management educates students to succeed at entry-level management and supervisory level positions in the hospitality industry. A general business foundation with specialized hotel and restaurant management courses equips the students to approach problem solving in a disciplined and systematic manner. An advisory board composed of leaders from major hospitality-related corporations and organizations that are directly involved in the review of the curriculum, school development/programming and prepares students for future career challenges.

Students should have 60 transferable hours and an overall GPA of 2.0 prior to admission to the University of South Florida.

**Prerequisites (State Mandated Common Prerequisites)**

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements, thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. (no grade lower than a C-):

- **ACG X021 Principles of Financial Accounting** or **ACG X001 and ACG X011**
- **ACG X071 Principles of Managerial Accounting**
- **ECO X013 Macroeconomics**
- **ECO X023 Microeconomics**

### Admission to the School of Hotel and Restaurant Management

Admission to the School of Hotel and Restaurant Management is open to all students who have been accepted to the University of South Florida and declare the major of Hospitality Management. Admission to the School of Hotel and Restaurant Management is open to all students who have been accepted to the University of South Florida and declare the major of Hospitality Management. Admission to the School of Hotel and Restaurant Management is open to all students who have been accepted to the University of South Florida and declare the major of Hospitality Management. Admission to the School of Hotel and Restaurant Management is open to all students who have been accepted to the University of South Florida and declare the major of Hospitality Management.

### General Requirements for a B.S. Degree in Hospitality Management

1. The Hospitality Management major requires at least 120 credit hours.
2. General Education Requirements can be satisfied by completing the university’s general education requirements or completing the AA degree from a Florida public community college.
3. All transfer work will be reviewed by the advising office and the Director of the School of Hotel and Restaurant Management.
4. Students must satisfactorily meet the College Level Academic Skills Test (CLAST) along with the writing and computation course requirements of 6A-10.30 (Gordon Rule).
5. Students must complete the Foreign Language Entrance Requirement as mandated by the university catalog.
6. Nine hours of exit courses must be taken at USF as defined by the university catalog.
7. Students must earn at least a 2.0 overall GPA, USF GPA, and in the major to be certified for graduation.
8. The university provides advising tools and services to assist the student, however, it is the responsibility of the student to meet all graduation requirements and deadlines of the university.
9. Students must comply with all university academic policies and procedures in order to meet all requirements set forth by the University of South Florida.

### Program Email

Contact the BSAS Program for additional BSAS Concentrations that may have developed since the publication of this catalog.

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>URS 3002</td>
<td>Introduction to Urban Studies</td>
<td>(3)</td>
</tr>
<tr>
<td>ARC 4784</td>
<td>The City</td>
<td>(3)</td>
</tr>
<tr>
<td>AMS 3700</td>
<td>Racism in American Society</td>
<td>(3)</td>
</tr>
<tr>
<td>AMH 3423</td>
<td>Modern History</td>
<td>(4)</td>
</tr>
<tr>
<td>IDS 4942</td>
<td>Community Internship</td>
<td>(1-4)</td>
</tr>
<tr>
<td>ECP 3613</td>
<td>Economics of Urban Environment</td>
<td>(3)</td>
</tr>
<tr>
<td>ISS 3930</td>
<td>ST: Community Studies</td>
<td>(1-4)</td>
</tr>
<tr>
<td>SYA 4930</td>
<td>ST: Urban Life</td>
<td>(3)</td>
</tr>
<tr>
<td>GEO 3602</td>
<td>Urban Geography</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4604</td>
<td>Advanced Urban Geography</td>
<td>(4)</td>
</tr>
<tr>
<td>PAD 3003</td>
<td>Introduction to Public Administration</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 3142</td>
<td>Introduction to Urban Politics and Government</td>
<td>(3)</td>
</tr>
<tr>
<td>SOW 3203</td>
<td>American Social Welfare System</td>
<td>(3)</td>
</tr>
<tr>
<td>SPC 3710</td>
<td>Communication and Cultural Diversity</td>
<td>(3)</td>
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<tr>
<td>SYD 3700</td>
<td>Racial and Ethnic Relations</td>
<td>(3)</td>
</tr>
<tr>
<td>URP 4050</td>
<td>City Planning and Community Development</td>
<td>(3)</td>
</tr>
<tr>
<td>URP 4052</td>
<td>Urban and Regional Planning</td>
<td>(4)</td>
</tr>
</tbody>
</table>

### Program Email

Program Email: hospitality@sar.usf.edu  
Location: USF Sarasota-Manatee, CPP 101  
Academic Advising: Office of Student Services, USS 805D, (941) 359-4330

The mission of the School of Hotel and Restaurant Management at the University of South Florida is to provide excellence in teaching, research and service to all persons and to build foundations for lifelong learning. The School of Hotel and Restaurant Management prepares individuals for industry management and leadership roles in a global economy and interfaces with stakeholders to deliver hospitality professionals that add to the financial, intellectual, environmental, ethical and social growth of Florida and the Nation. The Bachelor of Science Degree in Hospitality Management prepares outstanding individuals to be service-oriented professionals. The School of Hotel and Restaurant Management educates students to succeed at entry-level management and supervisory level positions in the hospitality industry. A general business foundation with specialized hotel and restaurant management courses equips the students to approach problem solving in a disciplined and systematic manner. An advisory board composed of leaders from major hospitality-related corporations and organizations that are directly involved in the review of the curriculum, school development/programming and prepares students for future career challenges.
Major requirements for the B. S. Degree In Hospitality Management are as follows:

Business Courses (12 Credits) with no grade lower than C-:
- FIN 3403 Principles of Finance
- ISM 3011 Information Systems in Organizations
- MAN 3025 Principles of Management
- MAR 3023 Basic Marketing

Hospitality Courses (36 Credits) with no grade lower than C- and 2.0 GPA:
- FSS 3231 Introductory Food Preparation Management*
- HFT 3005 Introduction to Hospitality and Tourism
- HFT 3263 Restaurant and Catering Management*
- HFT 3423 Hospitality Information Systems
- HFT 3424 Cost Control in Hospitality Operations
- HFT 3503 Hotel Marketing and Sales
- HFT 3603 Law and Security for the Hospitality Industry
- HFT 4323 Facilities Mgmt for the Hospitality Industry
- HFT 4221 Human Resource Management
- HFT 4253 Lodging Management
- HFT 4471 Mgmt Accounting & Finance for the Hospitality Industry
- HFT 4930 Selected Topics in Hospitality Management
- HFT 4945 Advanced Internship (300 hours) (In final academic semester with departmental approval)

Communications Courses (6 Credits)
- COM 3110 Communication for Business and the Professions
  or
- SPC 2600 Public Speaking
  and
- ENC 3310 Expository Writing
  or
- ENC 3250 Professional Writing

Non-Credit Major Requirement
In addition to completion of HFT 4945, students must complete an additional 700 documented working hours in the hospitality industry before graduation.
*FSS 3231 and HFT 3263 require a lab fee.

Other Hospitality Programs Available
Certificate Programs
The Certificate Programs are designed for industry professionals currently working in hotels and restaurants to enhance their professional knowledge. The student must be currently employed in the hospitality field and satisfactorily complete the five required courses (15 credit hours in residence at USF) in hotel management or restaurant management. The certificate will be issued when a student has earned at least a 2.0 GPA and receive no less than a grade of C- in any of the five classes in their concentrated certificate program. Contact the department for further information.

Bachelor of Science in Applied Science with concentration in Hospitality
Students who have earned an A.S. degree from a Florida public college should refer to the "Undergraduate Studies, Bachelor of Science in Applied Science" section of this catalog.

Exchange Programs
Students who are interested in an International educational experience should contact the School of Hotel and Restaurant Management for updated information.

School of Hotel and Restaurant Management
Faculty
Director: Jay R. Schrock; McKibbon Chair: John R. Walker; Assistant Professor: Katerina D. Annaraud; Coordinator: Amanda M. Kulaw
Program Email: hospitality@sar.usf.edu Location: Sarasota/Manatee Campus, CPP Bldg., Suite 101.

Bachelor of Science in Information Technology
The Mission of the Information Technology Program is to provide high quality educational opportunities for students interested in pursuing careers in the broad range of fields that support our computer/information-based society and economy. Additionally to utilize the resources of the program to provide service to society; and to emphasize to students the need for lifelong learning, ethical conduct and an understanding of the diverse social context in which Information Technology is practiced. The program is offered through the Lakeland Campus. Specifically the program aspires to:

1. Lead to the advancement of Information Technology through nationally recognized education at the undergraduate level, as well as technology transfer to regional industries and businesses;
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning;
3. Educate undergraduates in the best practices of the field as well as integrate the latest research and practices into the curriculum;
4. Emphasize the development of problem solving and communication skills as an integral component of the educational process and the later practice of the discipline;
5. Provide quality learning experiences through highly interactive techniques of course delivery that will include the use of electronic support equipment as well as newly developing distance learning technologies.

Objectives
The Information Technology program graduates will:
1. Have the requisite education and skills to be immediately employable as professionals in our computer/information-based society
2. Be prepared to enter into graduate studies in a number of related graduate programs
3. Be ethical and responsible members of their profession and society as a whole
4. Be well founded in the variety of sub-disciplines that comprise Information Technology which include basic principles of computation, mathematics, science and engineering.

The Information Technology (IT) program is designed to bridge the gap between computer science and management information systems. The emphasis of the program is on knowledge-based computer and information technology, traditional computer science concepts, as well as more practical topics including programming, applications, and networking, systems administration and the management of a variety of computing environments (in an era of rapidly changing technology). IT students will take coursework in computer organization, human-computer interface, data structures, operating systems, networking, databases, and software engineering. Electives can include such application areas as: advanced database, advanced networking, web page design and administration, and e-commerce as well as a variety of other related areas. Through a broad based set of electives, IT students will be able to tailor their program to satisfy individual preferences and strengths.

Students completing the IT program will qualify for a broad range of positions in computer-intensive businesses and industries such as: programmer analyst, systems analyst, database administrator, network administrator, computer resources manager, systems development manager, and information technol-
ogy management, to name a few. In addition to the University’s graduation requirements, the program has the following policies:

1. Mandatory academic advising of each student each term.
2. Exit interviews as a graduation requirement for all students.
3. Only grades of C and above in IT courses can be used to fulfill graduation requirements.

### Four-Year Curriculum in Information Technology

#### Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College:

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gen. Ed.</td>
<td>6</td>
</tr>
</tbody>
</table>

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

The schedule that follows indicates how a diligent student, who can devote full time to coursework, can satisfy requirements in four academic years. Students without a solid foundation, or those who cannot devote full time to academics, should plan for a slower pace.

#### Semester I

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 2100 Computer in Bus.</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1140 Pre-Calculus Course</td>
<td>3</td>
</tr>
<tr>
<td>Gen. Ed.</td>
<td>Total 15</td>
</tr>
</tbody>
</table>

#### Semester II

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP 2510 Programming Concepts</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1101 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MAD 3100 Discrete Math</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013 Economic Principles (Macro)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012 Psychological Science I</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Semester III

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Science</td>
<td>3</td>
</tr>
<tr>
<td>COP XXXX OO Programming (e.g., C++)</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>9</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Semester IV

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 2023 Introductory Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>PHY 2020 Conceptual Physics</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
</tr>
</tbody>
</table>
**IT TECHNICAL MINOR**

**Prerequisite Courses:**
- COP 2510 Programming Concepts 3
- COT 3100 Introduction to Discrete Structures 3
- PHY XXXX Physics 3

**Required Courses:**
- CGS 3300 IT Concepts 3
- COP 3515 Program Design for IT 3
- EEL 4854 Data Structures and Algorithms for IT 3

**Electives (choose four from list):**
- CDA 3101 Computer Organization for IT 3
- CEN 3722 Human Computer Interfaces for IT 3
- CEN 4031 Software Engineering Concepts for IT 3
- CIS 4361 IT Security Management 3
- CIS 4412 IT Resource Management 3
- COP 4610 Operating Systems for IT 3
- COP 4703 Database Systems for IT 3
- EEL 4782 Computer Information Networks for IT 3
- ETL 4931 Special Topics in Technology I 1-5
- ETL 4932 Special Topics in Technology II 1-5

**POST-BACCALAUREATE CERTIFICATE PROGRAMS IN INFORMATION TECHNOLOGY (IT)**

There are two Post-Baccalaureate Information Technology (IT) Certificates available. Both Certificates are designed for students who hold bachelor’s degrees in fields other than IT, but do not seek either a master’s degree or a complete undergraduate degree in IT.

The **IT Management Certificate** (15 semester hours) is designed to provide the student an application-oriented managerial background in IT. The typical student pursuing this certificate is not looking to change careers, but rather looking to enhance their technical abilities in their existing job. A four year Bachelor’s degree plus some prerequisites are required to enter the IT Management Certificate Program.

The **IT Professional Certificate** (30 semester hours) is designed to help students change careers, i.e. begin a new career as an IT Professional. All classes (15 hours) taken in the IT Management Certificate directly apply toward the IT Professional Certificate. Therefore, each student having completed the IT Management Certificate, will only need 15 additional hours to complete the IT Professional Certificate. However, certain additional prerequisites may be required of the student prior to taking the advanced technically oriented classes contained in the IT Professional Certificate.

Students wanting to enter one of the IT Certificate programs, need to fill out an application to apply and have an official transcript sent from the College or University where they completed their undergraduate degree. The transcript is used to first verify that the student completed their undergraduate degree and second to identify if any additional prerequisite classes that may be required.

**IT MANAGEMENT CERTIFICATE**

The prerequisites to enter the IT Management Certificate program is a four year undergraduate degree plus the following:

1. MACxxxx Pre-Calculus 3 hrs.
2. STA2023 Intro. To Statistics 3 hrs.
3. Any Basic Computer Skills Course 3 hrs. (Word Processing, Spreadsheets, Windows, etc.)

NOTE: The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Management Certificate program, the student must complete 15 hours selected from the following:

- CEN 3722 Human Computer Interfaces for IT 3
- CGS 3823 IT Web Design 3
- CGS 3845 Electronic Commerce 3

**IT PROFESSIONAL CERTIFICATE**

The prerequisites to enter the IT Professional Certificate program is a four year undergraduate degree plus the following:

1. STA 2023 Intro. To Statistics 3 hrs.
2. CGS xxxx Any Data Base 3 hrs.
3. COP 2xxx Computer Programming 3 hrs.
4. COP 2xxx OO Programming 3 hrs.
5. MAC xxxx Pre-Calculus 3 hrs.
6. xxxx Discrete Mathematics 3 hrs.

NOTE: The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Professional Certificate program, the student must complete the following 30 hour program:

- Required courses for the IT Professional Certificate (12 credit hours):
  - CDA 3101 Computer Organization for IT 3
  - COP 3515 IT Program Design 3
  - COP 4610 Operating Systems for IT 3
  - COP 4610L Operating Systems Laboratory for IT 1
  - EEL 4854 Data Structures and Algorithms for IT 3

- Electives (18 credit hours):
  - CEN 3722 Human Computer Interfaces for IT 3
  - CEN 4031 Software Engineering Concepts for IT 3
  - CGS 3823 IT Web Design 3
  - CGS 3845 Electronic Commerce 3
  - CIS 4361 IT Security Management 3
  - CIS 4412 IT Resource Management 3
  - CIS 4703 Database Systems for IT 3
  - CIS 4935 Senior Project in IT 3-5
  - COP 4930 Information Technology Seminar 1-3
  - ENC 4260 Advanced Technical Writing 3
  - ETL 4931 Special Topics in Technology I 1-5
  - ETL 4932 Special Topics in Technology II 1-5
  - IT Current Topics 3
  - IT Approved Elective 3

Total 30

**Information Technology Faculty**

Chair: A. Karshmer; Faculty: W.D. Armitage, P. Bao, A. Ejnioui, F. Fleschute, A. Gaspar, B. Harding, R. Hawat.

**Aerospace Studies**

**Air Force ROTC**

Location/Phone: BEH 360; (813) 974-3367  
Office Hours: 8 a.m. – 5 p.m., Monday through Friday  
Web Address: http://web.usf.edu/~airforce/

The Air Force Reserve Officers Training Corps (AFROTC) curriculum includes 12-16 course hours of instruction by active duty Air Force officers over a 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 $36,000 per year.

AFROTC is offered as a one-, two-, three-, or four-year program. The three- and four-year programs normally require a student to successfully complete all degree requirements for award of a bachelor’s degree, 14 or 16 course hours of AFROTC classes respectively, and a four-week field training encamp-
ment between his/her sophomore and junior years. The two-year program gives students who do not enroll in AFROTC during their freshman and sophomore years the opportunity of taking AFROTC. Students should apply for the two-year program by December of the sophomore year. The student attends a five-week field training encampment in the summer prior to program entry. Upon entering the program, the student 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. These scholarships pay all tuition, fees, books, and a $250-$400 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 BEH 360 or by registering for the appropriate “AFR” course through university registration. Veterans, active duty personnel, and graduate students are encouraged to inquire about special accelerated programs designed for them. The AFROTC phone number is (813) 974-3367.

**Minor in Aerospace Studies**

In order for the student to minor in Aerospace Studies a minimum GPA of 2.0 is required in all courses used to satisfy the minor. A minimum of 12 semester hours of the 16 semester hours required must be earned at USF. Grades less than “C” (GPA of 2.0) or “S” grades will not be accepted. Students will not be able to use credit through exam or independent study for application to the minor. This program will provide the student an understanding of management and leadership concepts as they relate to military officers. In addition, students will analyze the evolution of American defense policy and strategy. Special emphasis is placed on developing the student’s communication skills.

Specific Course Requirements for the Minor:

- **a.** Total credit hours required: 16
- **b.** Required courses:
  - AFR 3220 Air Force Leadership and Management I
  - AFR 3231 Air Force Leadership and Management II
  - AFR 4201 National Security Forces in Contemporary American Society I
  - AFR 4210 National Security Forces in Contemporary American Society II
  - AFR 2140 The Evolution of USAF Aerospace Power Part 2
  - AFR 2940 Basic Aerospace Internship
- **c.** Other specifications: combination of 4 credit hours from any of the military elective courses below:
  - AFR 1101 The Air Force Today: Organization and Doctrine
  - AFR 1120 The Air Force Today: Structure and Roles
  - AFR 2130 The Evolution of USAF Aerospace Power Part 1
  - AFR 2140 The Evolution of USAF Aerospace Power Part 2
  - AFR 2940 Basic Aerospace Internship
  - MSL 1001C Fundamentals of Officership
  - MSL 1002C Basic Leadership
  - MSL 2101 Leadership and Teamwork
  - MSL 2102 Leadership and Teamwork
  - MSL 3201C Leadership and Problem Solving
  - MSL 3202C Leadership and Ethics
  - MSL 4302C Officership

**Aerospace Studies Faculty**

Professor: Bradford E. Ward; Assistant Professors: Chris Carmichael, Tracey Richardson, Susan Welch.

**Military Science**

**Army Reserve Officer’s Training Corps (ROTC)**

*Location/Phone: BEH 339/ (813) 974-4065*

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

*Web Address: [http://web.usf.edu/~usfarotc/](http://web.usf.edu/~usfarotc/)*

Email Address: armyrotc@arotc.usf.edu

The Department of Military Science for Army Reserve Officers Training Corps (ROTC) was established to select and prepare students to serve as officers in the Regular and Reserve components of the United States Army. The curriculum is designed to develop students' leadership potential and improve students' planning, organizational, and managerial skills. Army ROTC training is divided into two phases: the first two years constitute the Basic Course; the last two the Advanced Course. The Department offers both a four- and a two-year program, each leading to a commission as a Second Lieutenant in the United States Army. The four-year program requires completion of the Basic Course, a five-week field training course, and the Advanced Course. Students with prior active military service or previous training at military schools may be exempt from some or all of the Basic Course. Students with questions concerning the various options should contact the Professor of Military Science for more information. Enrolment is open to qualified students at all levels, including graduate students. Offerings are published each semester.

Army ROTC training provides scholarships, pay, free uniforms and textbooks. Scholarships are awarded on a competitive basis in all academic majors. The scholarship pays full tuition, books, and mandatory fees, and certain other academic expenses. All Advanced Course and scholarship students receive a monthly sustenance payment that ranges from $250.00 as a freshman to $400.00 as a senior. This is in addition to the pay of approximately $700.00 while attending the five-week field training course at the Leadership Development and Assessment Course at Fort Lewis, Washington.

**Additional skills training:** Airborne School, Air Assault School, and the Northern Warfare School are available to both Basic and Advanced Course students during semester breaks. Additional skills training is also available during the academic year to include first aid, rappelling, orienteering, etc.

- **Basic Course:** The Basic Course consists of four semesters of classroom instruction of one hour each week and a leadership lab. Students incur no military commitment by participating in the Basic Course. In lieu of attending the basic course classroom instruction, a student may attend the four-week Leadership Training Course at Fort Knox, Kentucky during the summer of the student’s sophomore year.

- **Advanced Course:** The Advanced Course consists of four semesters of classroom instruction, of three hours each week, leadership lab, physical fitness and field training exercises, and a five-week training phase at Leadership Development and Assessment Course. The Advanced Course is designed to prepare the student who desires to be a Professional Army Officer for duty, either Active Army, Reserve or National Guard. Additional follow-on training is available to selected cadets at both US based and overseas active Army units.

**Job Opportunities:** The newly commissioned officer can be Second Lieutenant in the United States Army must meet the following requirements: four
semesters of the ROTC Advanced Course, successful completion of the Professional Minor (Education Courses) (written communication skills, computer literacy, and military history), attendance at Leadership Development and Assessment Course, maintain and graduate with a minimum of a 2.0 GPA, successful completion of the Army Physical Fitness Test, compliance with the Army height and weight standards, and other requirements of the United States Army.

Minor in Military Science

The minor in Military Science entails a 18-hour program organized and coordinated through the Department of Military Science. A minimum of 14 of the 18 hours must be earned at USF and the student must maintain a 2.0 GPA in the minor. A minimum grade of “C” or better must be maintained in each course. “S” grades will not be accepted. This program is designed to assist the student with an in-depth understanding of Army leadership doctrine and the fundamental principles by which Army leaders act to accomplish their mission. This minor lays out a leadership framework that allows students to apply leadership concepts learned in the classroom. Additional emphasis is placed on character development, oral and written communication, physical and mental fitness, and military small unit operations.

Required courses: (Total of 14 Credit Hours)

- MSL 3201C Leading Teams (3)
- MSL 3202C Leading Small Units (3)
- MSL 4301C Leadership Development (3)
- MSL 4302C Preparing for Army Leadership (3)
- MSL 2900* Army Physical Readiness (1)

*repeated for two semesters; may be repeated up to four semesters, however only two credits will count toward minor

Other specifications: combination of 4 credit hours from any of the military elective courses below:

- MSL 1001C Leadership in the Army Profession (2)
- MSL 1002C Leadership Models and Methods (2)
- MSL 2101C Leadership in Changing Environments (2)
- MSL 2102C Leadership and Teamwork (2)
- MSL 2901 Basic Leader Training (4)
- MSL 4930 Advanced Directed Study and Research (1-3)
- AFR 1101 The Air Force Today: Organization and Doctrine (1)
- AFR 1120 The Air Force Today: Structure and Roles (1)
- AFR 2130 U.S. Air Power: 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: Jackson D. Self; Assistant Professors: Daniel Eadens, Scott Macksam, Jason Miller, Kathleen Porter.

Naval Science

Naval ROTC

Location/Phone: BEH 255
Office Hours: 8 a.m. – 5 p.m., Monday through Friday
Web Address: http://web.usf.edu/nrotc
Email Address: naval@nrotc.usf.edu

The Naval Science Program at the University of South Florida is administered by the Naval Reserve Officers Training Corps (NROTC) Unit. This program affords selected men and women the opportunity to receive instruction in Navy specified courses which, in conjunction with the baccalaureate degree, will qualify them for a commission in the United States Navy or Marine Corps. Students enrolled in the university who are physically and mentally qualified are eligible to apply for the NROTC program. As naval officers, USF NROTC graduates become eligible for varied careers, serving in aviation squadrons, on surface ships, on submarines in the nuclear power 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, though 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 NROTC Scholarship Program, (2) the Navy-Marine Corps Four-Year College Program, (3) the Two-Year NROTC College Program, and (4) the Two-Year NROTC Scholarship Program.

The Navy-Marine Four-Year Scholarship Program—The NROTC National Scholarship Program is open to young men and women of all races, creeds, and national origin who are United States citizens. Students are selected on their own merit to become officers in the United States Navy and Marine Corps. Scholarship students are appointed Midshipmen, U.S. Navy Reserve. The Navy pays for tuition, fees, textbooks, uniforms, and a monthly subsistence allowance of up to $400.00 for four years. Scholarship students are normally selected through national competition during their senior year in high school. Each year, ten Professor of Naval Science scholarships are available through a competitive selection process to Black and Hispanic students with academic potential who have yet to demonstrate their performance in a college environment or who have completed at least one, but not more than two semesters of course work at the university with a cumulative GPA of 3.0 or better and with no grade below “C”. Although it is not a requirement, a student in the NROTC Scholarship Program is encouraged to pursue a major in engineering, mathematics, chemistry, or physics to meet the technological requirements of the Navy. Other fields of study for a major leading to a baccalaureate degree are permitted, with the approval of the Professor of Naval Science. Regardless of the major, every scholarship student must complete one year of physics and one year of calculus.

Students must include certain Navy specified courses in their program and complete a program of courses as prescribed by the professor of naval science. Upon graduation, and successful completion of the naval science curriculum, the midshipman will receive a 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 Four-Year Corps College Program—The NROTC College Program is designed to train and educate well-qualified young men and women for commissioning. Selected students are appointed as midshipmen in the Naval Reserve prior to commencement of the advanced course in the junior year. The Navy pays for uniforms and naval science textbooks during the four-year period, and during the junior and senior years, pays the midshipman up to $400.00 per month subsistence allowance. Each student is selected for enrollment in the program on the basis of past academic performance, potential, personal interviews, and a physical examination. A college program midshipman only acquires a military service obligation after entering the advanced courses at the beginning of the junior year.

Although there are no restrictions on the major college program students may pursue, it is highly recommended that they pursue a course of study similar to that of scholarship students. Students must also include in their program certain Navy specified courses and a program of courses in naval science. Students, upon graduation and successful completion of the naval science curriculum, receive a 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 uniform, text books, 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 qualifies for an Ensign or a Second Lieutenant 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 will participate in nuclear propulsion training aboard operational ships or submarine 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, and pay of approximately $365.00 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 midshipmen for appointment to commissioned grade by providing basic military instruction and physical training. An evaluation of midshipmen is made to ensure that they possess the leadership, academic, and physical qualifications required for appointment to commissioned grade in the Marine Corps Reserve. Female midshipmen participate in all NROTC curriculum requirements and activities, including cruises aboard selected ships. A woman who has qualified for Marine Option NROTC Summer Training at Quantico attends the Woman Officer Candidate Course in Quantico, Virginia.

Specified University Courses: In addition to satisfying requirements for a baccalaureate degree, the student must satisfactorily complete the following four-year curriculum guide, including required naval science courses and specified university courses.

**Freshman Year**
- **Sem. Hrs.**
- 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**
- **Sem. Hrs.**
- MAC 2311, 2312 Calculus I, II 8
- 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**
- **Sem. Hrs.**
- NSC 1101L Naval Science Laboratory 0
- NSC 2121 Naval Ships System I (Note 2) 3
- NSC 3123 Naval Ships System II (Note 2) 3
- PHY 2048, 2049 Physics I, II (Note 4) 10

**Senior Year**
- **Sem. Hrs.**
- 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

**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 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: Martin P. Smith; Assistant Professors: David Davis, Steve DeMatteo, Gary Dubia, John Sarao.

STUDENT LEADERSHIP MINOR

The minor in Leadership Studies consists of a minimum of 18 credit hours with a "B" average (3.0). All students shall complete the first courses in the sequence and select four additional courses from the list of approved courses for the program. The series of courses is designed to help students develop personal and organizational leadership skills. The program is interdisciplinary in nature and should be of significant benefit to students in all areas of study.

The seven courses are designed to give students a practical and theoretical grasp of leadership. The basic assumption is that leadership can be learned and, therefore, taught. This program has a unique approach to leadership education that combines practical theories of leadership and learning to provide opportunities for students to study the nature of authority, leadership, social and role dynamics, political processes and the values that orient their careers. Students learn personal, diagnostic, operational, and tactical skills. In these classes, students are challenged to investigate self, context, and strategy.

Required Courses (6 hours):
- SLS 2260 Leadership Fundamentals 3
- SLS 4272 Survey of Leadership Readings 3

Elective Courses (12 hours):
- SLS 3930 Selected Topics in Leadership 1-4
- SLS 3948 Community Leadership Practicum 3
- SLS 4271 Organizational Theories and Processes 3
- SLS 4273 Theories of Leadership 3
- SLS 4274 Ethics and Power in Leadership 3
- SLS 4276 Images of Leadership in Print and Film 3

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