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Coordinating Editor
Lorene Hall-Jennings

Technical Coordinator
Robert Chase Patterson
Welcome to the University of South Florida, home of the Bulls!

I invite you to explore our preeminent academic programs, which have been thoughtfully developed to prepare you for a lifetime of personal discovery and professional achievement. Across our 14 colleges, undergraduates can choose from more than 180 majors and concentrations, from Biomedical Engineering to Global Business, from Cybersecurity to Marine Biology, from Architecture to Dance, and much more.

At USF, you will learn from some of the world’s most accomplished scholars, scientists and inventors. You will also gain valuable new perspectives from fellow students who come from different communities, countries and cultures. We have always been proud to be a place that is open and inclusive to individuals from many backgrounds. Our diversity makes us stronger.

You also can take advantage of outstanding practical experiences to prepare you for rewarding careers. We partner with many organizations and top international corporation, including Nielsen, Raymond James, TechData and Jabil Circuit Corp., and more, to provide outstanding internship opportunities.

We also strongly encourage our undergraduates to participate in research. USF is a leader in innovation and invention, and there are many benefits to getting involved – especially the excitement of making new discoveries and sharing them with the world.

Beyond the classroom and laboratory, you will find a complete university experience while also enjoying all that our beautiful region has to offer. Recreational, cultural, athletic and social opportunities abound throughout the community and at USF. With more than 600 student organizations on campus, there is something for virtually every interest.

At USF, we believe that every student will succeed if given the opportunity to do so. That commitment has helped us eliminate the graduation rate gap regardless of race, ethnicity or socioeconomic status – a rare achievement in higher education. USF is a recognized national leader in student success for many reasons, including providing a campus culture where your well-being is our priority.

As you explore our university, please let us know how we can be of assistance. Your success is our success, and we look forward to seeing all that you will achieve!

GO BULLS!

Judy Genshaft
USF System President
Campus Visit Experience

The USF Campus Visit experience includes the following:

**A Tour of Campus** - Student-led by our Green & Gold Guides, the tour will give you an up-close view of our top-rated academic facilities, a spacious suite-style residence hall, delicious dining options, student support offices, high-tech recreation center, and other points of interest. In addition, you will hear from current USF students about what life is really like on our dynamic campus!

**An Information Session** - Presented by an admissions professional, the session will provide an overview of the university, admissions requirements, financial aid, dining services, residential life, scholarships and campus life.

Campus visits are offered Monday-Friday at 10:00 a.m. and 2:00 p.m. and last approximately 2.5 hours. Tours also are offered on most Saturdays at 10:00 a.m. during the academic year (September through April). Individual and family tours and groups are available.

Please visit the Office of Admissions for more information and to schedule a visit at [http://www.usf.edu/admissions/freshmen/visit-campus/campus-tour/campus-visit-experience.aspx](http://www.usf.edu/admissions/freshmen/visit-campus/campus-tour/campus-visit-experience.aspx)

A Virtual Campus Tour is available at [https://www.usf.edu/about-usf/tour.aspx](https://www.usf.edu/about-usf/tour.aspx)
In 2018, the Florida Board of Governors designated USF as a Preeminent State Research University, placing USF in the most elite category among the state's 12 public universities.

For additional Administrative areas, visit https://www.usf.edu/about-usf/administrative-units.aspx

Mission, Vision, Values, and Goals

MISSION
The University of South Florida's mission is to deliver competitive undergraduate, graduate, and professional programs, to generate knowledge, foster intellectual development, and ensure student success in a global environment.

VISION
The University of South Florida is a global research university dedicated to student success and positioned for membership in the Association of American Universities (AAU).

As Florida's leading metropolitan research university, USF is dedicated to:

- Student access, learning, and success through a vibrant, interdisciplinary, and learner-centered research environment incorporating a global curriculum.
- Research and scientific discovery to strengthen the economy, promote civic culture and the arts, and design and build sustainable communities through the generation, dissemination, and translation of new knowledge across all academic and health-related disciplines.
- Partnerships to build significant locally- and globally-integrated university-community collaborations through sound scholarly and artistic activities and technological innovation.
- A sustainable economic base to support USF's continued academic advancement.

For more information, https://www.usf.edu/about-usf/mission-vision.aspx
## Campus Directory

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<td>USF Foundation</td>
<td><a href="https://giving.usf.edu/">https://giving.usf.edu/</a></td>
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<td>USF Government Relations</td>
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## Academic Offices

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<td>Undergraduate Studies</td>
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## Academic Programs

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<td>College Reach-Out Program (CROP)</td>
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<td>Experiential Learning Programs</td>
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<td>Student-Athlete Enrichment Center (SAEC)</td>
<td><a href="http://gousfbulls.com/sports/2008/6/12/1480022.aspx">http://gousfbulls.com/sports/2008/6/12/1480022.aspx</a></td>
<td>813-974-2125</td>
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<td>Student Support Services (SSS)</td>
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## ROTC Programs

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# Honors College Program

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<td>Hosted Scholarship Programs</td>
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<td>National Scholarships</td>
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# Colleges

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<td>College of the Arts</td>
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<tr>
<td>School of Architecture &amp; Community Design</td>
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<td>School of Art &amp; Art History</td>
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<td>School of Music</td>
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<td>School of Theatre &amp; Dance</td>
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<tr>
<td>College of Arts and Sciences</td>
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<td>Anthropology</td>
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<tr>
<td>Cell Biology, Microbiology and Molecular Biology</td>
<td><a href="http://biology.usf.edu/cmmb/">http://biology.usf.edu/cmmb/</a></td>
<td>813-974-8434</td>
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<td>Communications</td>
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<td>Economics</td>
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<td>English</td>
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<td>History</td>
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<td>Humanities and Cultural Studies</td>
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<td>Philosophy</td>
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<td>School of Interdisciplinary Global Studies</td>
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<td>World Languages</td>
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<td>College of Behavioral and Community Sciences</td>
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<td>Department of Child &amp; Family Studies</td>
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<td>Mental Health Law &amp; Policy</td>
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<td>Louis de la Parte Florida Mental Health Institute</td>
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## Departments and College Websites

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<td>Computer Science and Engineering</td>
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<td>Department of Mechanical Engineering</td>
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<td>Department of Medical Engineering</td>
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<td>College of Global Sustainability</td>
<td><a href="http://www.usf.edu/pcgs/">http://www.usf.edu/pcgs/</a></td>
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<td>College of Graduate Studies</td>
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<td>813-974-3087</td>
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<td>College of Medicine</td>
<td><a href="http://health.usf.edu/medicine/">http://health.usf.edu/medicine/</a></td>
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<td>Dermatology &amp; Cutaneous Surgery</td>
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<td>BSAS (Bachelor of Science in Applied Science)</td>
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<td>Office of Undergraduate Research</td>
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<td>Copy Services</td>
<td><a href="http://www.usf.edu/it/class-prep/printing.aspx">http://www.usf.edu/it/class-prep/printing.aspx</a></td>
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<td>Dining Services</td>
<td><a href="https://usf.campusdish.com/">https://usf.campusdish.com/</a></td>
<td>813-974-7785</td>
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<td>Education Abroad</td>
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<td>English Language Program</td>
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<td>General Counsel</td>
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<td>Housing And Residence Life</td>
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<td>Information Technology Services</td>
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<td>Library (Tampa)</td>
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<td>Library (Shimberg Health Sciences)</td>
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<td>Meal Plan</td>
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### Other USF Catalogs

**USF**
- Graduate Catalog - [http://www.grad.usf.edu/catalog.php](http://www.grad.usf.edu/catalog.php)
- Medical Program - [https://health.usf.edu/medicine/mdprogram/eduprograms.htm](https://health.usf.edu/medicine/mdprogram/eduprograms.htm)
- Pharmacy Program - [https://health.usf.edu/pharmacy/program-overview.htm](https://health.usf.edu/pharmacy/program-overview.htm)
- Doctor of Physical Therapy - [https://health.usf.edu/medicine/dpt/](https://health.usf.edu/medicine/dpt/)

**USF St. Petersburg**
- USF St. Petersburg Undergraduate Catalog - [http://www.usfsp.edu/catalog/](http://www.usfsp.edu/catalog/)
- USF St. Petersburg Graduate Catalog - [http://www.usfsp.edu/catalog/](http://www.usfsp.edu/catalog/)

**USF Sarasota-Manatee**
- USF Sarasota-Manatee Undergraduate Catalog - [http://usfsm.edu/catalog/undergraduate/](http://usfsm.edu/catalog/undergraduate/)
- USF Sarasota-Manatee Graduate Catalog - [http://usfsm.edu/catalog/graduate/](http://usfsm.edu/catalog/graduate/)
## Important Dates & Deadlines

Dates are tentative and subject to change.  
See [https://www.usf.edu/registrar/calendars/](https://www.usf.edu/registrar/calendars/) for current and additional Important Dates and Deadlines.
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ABOUT USF

Welcome to USF

Founded in 1956, the University of South Florida is a multi-campus system and is one of the nation’s top public research universities and one of only 40 public research universities nationwide with very high research activity that is designated as community-engaged by the Carnegie Foundation for the Advancement of Teaching.

USF is designated as a “Preeminent State Research University” by the Florida Board of Governors. Preeminence represents the culmination of USF’s many years of careful strategic planning, focused allocation of resources and determination of thousands of students, faculty and staff. The designation comes with millions of dollars in additional funding, carries prestige that will benefit USF in many key areas, including new student and faculty recruitment, and will enhance the economic development of the Tampa Bay region.

The University of South Florida System is comprised of three separately accredited institutions, USF, USF St. Petersburg, and USF Sarasota-Manatee. USF includes the main campus in Tampa, its College of Marine Science in St. Petersburg, USF Health, and is the doctoral granting, research-intensive member of the USF System. Serving more than 50,000 students from over 145 different countries. USF’s fall 2018 Freshman academic profile posts an average SAT score of 1283 and a high school GPA of 4.09. USF was awarded a chapter of Phi Beta Kappa Society, the oldest and most prestigious national honor organization in America.

The current president of the USF System is Judy Genshaft, who has served in the position since July 2000.

Commitment to Honor & Living the Commitment

As an ethical community, the University of South Florida is dedicated to the ideals of excellence in student development, academic learning, scholarship and research. By joining this community, each member is expected to accept and live these commitments.

I resolve to maintain the honor and integrity of the university community in pursuit of student development, academic learning, scholarship and research.

Living the Commitment: A commitment to this resolution upholds our core values of honesty, diligence and trust within our academic and professional lives. This means that authentic and sincere efforts motivate our work while we strive for genuine, trustworthy interactions.

I resolve to respect the dignity and intrinsic value of all persons.

Living the Commitment: A commitment to this resolution requires appreciation for another’s personal right to explore freely, to express oneself responsibly, and to participate actively in building an environment of mutual respect and inclusion for each individual. This means that we will support equal rights and opportunities for all people, while exhibiting behaviors which are compassionate and considerate to others.

I resolve to contribute to the progress and greater good of the community.

Living the Commitment: A commitment to this resolution motivates us to serve the University with words and actions that generate a positive impact on the future of the whole community. This means that active and creative thought and contributions within a collegial environment will expand both the nature and scope of knowledge and the quality of community life.

I resolve to strive for excellence and discovery for myself, others, and the University.

Living the Commitment: A commitment to this resolution confirms the shared values that make the University a strong community. We hold high expectations for our own academic and professional work. Concurrently, we endeavor to support the success of others as we all seek to contribute to the mission of the University.
ABOUT USF

About the USF System

The University of South Florida is a large, public 4-year university offering undergraduate, graduate, specialist and doctoral level degrees. The USF System includes three, separately accredited institutions: USF; USF St. Petersburg; and USF Sarasota-Manatee. Serving more than 50,000 students, USF is at the forefront of cutting-edge research of medicine, science with a total research expenditure of $568 million in 2016-2017.

USF is comprised of 14 colleges offering more than 180 undergraduate majors and concentrations—with some of the most populated colleges being USF Health, Arts & Sciences, Business and Engineering. We also have numerous degree programs at the graduate, specialist and doctoral levels, including the doctor of medicine. USF prides itself on being a high-impact global research university dedicated to student success.

The USF System was formed to bring its three institutions together, so that collectively and collaboratively they could serve the region and beyond in optimal ways, resulting in a stronger presence and a distinctiveness that provides an unstoppable competitive differentiation. In addition to being a strong and unified voice for higher education, the USF System seeks to find and capitalize on synergies and economies of scale among its institutions that are of benefit to students, faculty, staff, alumni, and communities.

At the heart of the USF System is a vibrant, diverse, and engaged student body. With over 240 degree programs at the undergraduate, graduate, specialty and doctoral levels, including the doctor of medicine, the USF System offers a dynamic learning environment that inspires innovation and creativity and is focused on student success. More than 2,000 distinguished scholars, researchers and expert teachers, nearly all holding PhDs or the highest degrees in their fields, make up the faculty.


USF Facilities

Since its inception, USF has endeavored to provide facilities that assist students and scholars in achieving their educational and professional goals.

USF, which includes USF Health, is situated on more than 1,500 acres in northeast Tampa, one of the fastest growing areas in Tampa Bay. USF features more than 250 buildings valued at over $1.5 billion, including modern science and engineering labs; a communications building with a full range of broadcast facilities; foreign language listening labs; fine art studios and display spaces; education teaching labs; open-use computing labs with free Internet access in addition to being a Wi-Fi campus; and a listener-supported radio station.

In addition, projects to enhance the campus pedestrian walkways, bikeways, and lighting have been implemented for use and enjoyment. Future planned projects include continued campus facilities enhancements.

The campus also offers a wide variety of recreational facilities, including a multi-million dollar recreation center featuring a 6,500-square-foot weight room, an indoor pool, racquetball courts and various fitness studios; two outdoor swimming pools; 22 lighted tennis courts; an 18-hole golf course and driving range; a running trail; three softball fields; four outdoor basketball and volleyball courts; 10 lighted multi-purpose fields; a riverfront park/recreation activities area; and a new recreation field facility adjacent to the residence hall, Juniper-Poplar Hall. New housing continues to be added on campus, along with an on-campus grocery store.

Campuses/Locations

University of South Florida
4202 E. Fowler Avenue
Tampa, FL 33620 813-974-2011
https://www.usf.edu/

USF St. Petersburg
140 7th Ave. South
St. Petersburg, FL 33701
727 873-7748
http://www.usfsp.edu/

University of South Florida Sarasota-Manatee
8350 N. Tamiami Trail
Sarasota, FL 34243
941-359-4200
http://usfsm.edu/admissions/campus-experience/index.aspx
For more Maps, see: https://www.usf.edu/administrative-services/parking/maps/index.aspx
Accreditation

The University of South Florida (USF) is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, master's, specialist and doctorate degrees.

Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of the University of South Florida.

Normal inquiries about the institution, such as admission requirements, financial aid, educational programs, etc., should be addressed directly to the institution and not to the Commission's Office.

For more information, visit https://www.usf.edu/about-usf/accreditation.aspx.

In addition to SACSCOC accreditation, which applies to the institution, many academic programs are accredited by specialized accreditors that focus on specific academic disciplines.

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

University Libraries

USF Library
4202 E. Fowler Ave. LIB122
Tampa FL 33620
813-974-1611
https://www.lib.usf.edu/

The USF Tampa Library offers access to an extensive selection of print and electronic resources, including books, maps, e-journal, e-books, and countless databases. There is also a collection of audio/visual materials including videos, CDs, DVDs, and even LPs.

The Tampa Library is a comfortable and inviting place for students and faculty to meet, study, conduct research, and complete group assignments. Library facilities provide wireless access, electrical connections for laptops, individual and group study seating and instructional labs. The Learning Commons (LC) on the first floor has over 140 computer workstations, as well as the Library Services Desk, a state-of-the-art Digital Media Commons, the Digital Heritage and Humanities Collections and the IT Helpdesk. The Academic Success Center, on the second floor, includes the SMART Lab, with an additional 354 computer workstations and the Writing Studio. Other Library partners include the Office for Undergraduate Research, Division of Health Professions Advising and a Starbuck's Café.

Students and faculty also have access to specialized research assistance and information literacy instruction from our librarians. Assistance is available from research and reference librarians either by appointment, on-line via our website, by phone, or in a classroom setting.
In addition to the Tampa Library, there are two affiliated regional libraries and two special libraries. At USF Tampa are the Shimberg Health Sciences Library (https://health.usf.edu/Shimberg-library/), serving the needs of USF Health consisting of the Colleges of Medicine, Nursing, Pharmacy, Physical Therapy, and Public Health; and the Louis de la Parte Florida Mental Health Institute (FMHI) Research Library (https://lib.usf.edu/fmhi/) serving the College of Behavioral and Community Sciences. In addition, there is the University of South Florida St. Petersburg, home to the Nelson Poynter Memorial Library (https://www.usfsp.edu), and the University of South Florida Sarasota-Manatee campus (http://www.usfsm.edu).

Intercollegiate Athletics

University of South Florida Athletics Department
4202 E. Fowler Ave., ATH 100
Tampa, FL 33620
813-974-2125
https://gousfbulls.com/

The University of South Florida System Athletic Department is committed to providing all student-athletes with opportunities to receive a world-class education, win championships, and develop into the leaders of tomorrow while embracing our partnerships within the Tampa Bay community. Programs include:

**Men's Sports**
- Baseball
- Basketball
- Cross Country
- Football
- Golf
- Soccer
- Tennis
- Track & Field

**Women's Sports**
- Basketball
- Cross Country
- Golf
- Sailing
- Soccer
- Softball
- Tennis
- Track & Field
- Volleyball

**Points of Pride**
- USF Athletics serves nearly 500 student-athletes that train and compete in the athletic district located on the east end of the Tampa campus.
- USF fields 19 men’s and women’s varsity teams competing in 11 sports, 18 at the NCAA Division I level in the American Athletic Conference.
- USF has won 16 conference titles since joining the American Athletic Conference in 2013, including at least three in each of the last three seasons.
- USF has claimed 113 conference titles since it began intercollegiate competition in 1965.
- Nine USF programs reached national post-season competition in the 2017-18 season.
- Six USF programs were ranked in the Top 25 nationally in 2017-18, including the football program, which recently posted a program record string of 20 straight weeks ranked in the top 25.
- The USF football team has been among the winningest programs nationally over the past four seasons, posting a pair of 10-plus win seasons, three straight seasons appearing in the national Top 25 rankings and four straight bowl game appearances.
- USF Athletics posted a combined annual grade-point average over 3.0 for the third straight year in 2017-18 and is currently in the midst of a program record string of seven straight semesters with a combined GPA over 3.0.
- USF Athletics has posted a Graduation Success Rate of 80 percent or better for five straight years.
ABOUT USF

USF has seen more than 180 student-athletes earn their degree in the last two years.

USF student-athletes, coaches and staff have contributed more than 9,000 hours to community service over the past two years.

The Lee Roy Selmon Athletic Center is the hub of USF Athletics and includes state-of-the-art space for academic support services, life skills training, mentoring and team-building.

USF has invested more than $70 million in recent years in renovating and maintaining some of the top athletic facilities in the nation and is currently raising funds for the construction of a new $40 million USF Football Center.

USF student support is a big part of the Bulls’ athletics success with an average of nearly 8,000 students per game attending home football games in 2018 and student attendance increasing across the program.

USF Alumni

Gibbons Alumni Center
University of South Florida
4202 E. Fowler Avenue, ALC100
Tampa, Florida 33620-5455
813-974-2100
800-299-BULL (2855)
alumni@usf.edu
https://www.usfalumni.org/s/861/02-alumni/start.aspx

The USF Alumni Association is a self-funded, nonprofit organization comprised of former students and friends of the University of South Florida. We help alumni stay connected and provide meaningful ways for USF Bulls to support USF and student success. Additionally, the USF Alumni Association supports several student programs, including: Student Alumni Association (SAA) - the largest student organization on campus; USF Ambassadors - student representatives for the university; and, Order of the Golden Brahman - USF’s newest student service and leadership organization. There are more than 335,000 USF graduates worldwide who are critical to USF in achieving its goals.

Advancement/USF Foundation

The USF Foundation connects the University with donors who want to make a difference by providing private, philanthropic support to promote student success, academic initiatives, research and other strategic priorities of the University of South Florida System. The USF Foundation is governed by an elected board whose members serve as advocates for the university, its colleges, campuses, and units. Each volunteer board member is guided by a mission to promote private support, advocate for the university, and manage the university’s endowment.

For more information, visit https://foundation.usf.edu.
The Office of General Council website has helpful links to University of South Florida System regulations and University policies. We hope that you will find these resources beneficial and we actively seek your input regarding additional content. For more information, visit http://regulationspolicies.usf.edu/.

**Undergraduate Academic Integrity Policy Statement**

**USF System Regulation 3.027 - Academic Integrity of Students**

(http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.027.pdf)

Academic integrity is the foundation of the University of South Florida System’s (USF System) commitment to the academic honesty and personal integrity of its university community. Academic integrity is grounded in certain fundamental values, which include honesty, respect and fairness. Broadly defined, academic honesty is the completion of all academic endeavors and claims of scholarly knowledge as representative of one’s own efforts. Knowledge and maintenance of the academic standards of honesty and integrity as set forth by the university are the responsibility of the entire academic community, including the instructional faculty, staff and students. The final decision on an academic integrity violation and related academic sanction at any USF System member institution shall affect and be applied to the academic status of the student throughout the USF System, unless otherwise determined by the independently accredited institution.


**Diversity and Equal Opportunity Policy**

**USF System Policy 0-007 Diversity and Equal Opportunity: Discrimination and Harassment**

(http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-0-007.pdf)

The University of South Florida System (USF System) community is most successful when it is based on respect and fair treatment of all people. The USF System strives to provide a work and study environment for faculty, staff and students that is free of discrimination and sexual harassment, including sexual violence. As part of the effort to maintain an environment that is comfortable for all people, the USF System establishes this Policy. Sexual harassment, including sexual violence, is prohibited within the USF System, and complaints of such conduct are to be filed with one of two designated offices within the USF System: specifically, the Office of Diversity, Inclusion and Equal Opportunity (DIEO) or the Office of Student Rights and Responsibilities (OSRR). The designated office will review such complaints and provide appropriate response including counseling, mediation (in limited circumstances), and/or referral for disciplinary action, up to and including termination from employment and/or expulsion from the USF System.

The University of South Florida System (USF System) is a diverse community that values and expects respect and fair treatment of all people. The USF System strives to provide a work and study environment for faculty, staff and students that is free from discrimination and harassment based on sexual orientation, as well as gender identity and expression. The USF System is also committed to the employment and advancement of qualified veterans with disabilities and veterans protected under the Vietnam Era Veterans’ Readjustment Assistance Act, as amended (VEVRAA). As part of the effort to maintain an environment that is comfortable for all people and to ensure consistency with state and federal laws, the USF System establishes this policy.

Discrimination, harassment and retaliation are prohibited within the USF System, and complaints of such conduct are to be filed with one of the two designated offices within the USF System, specifically the Office of Diversity, Inclusion & Equal Opportunity (https://www.usf.edu/diversity/) or the Office of Student Rights and Responsibilities (https://www.usf.edu/student-affairs/student-rights-responsibilities/index.aspx). The designated office will review such complaints and provide appropriate response including counseling, mediation, and/or referral for disciplinary action, up to and including termination from employment and/or expulsion from the USF System.

In addition, DEO and OSRR will, as part of their internal processes, report any conduct that may be criminal in nature, such as bias-motivated crimes, to the appropriate law enforcement entities as set forth in section [IV.B]

Additionally, discriminatory conduct in the form of sexual misconduct/sexual harassment is also prohibited. (Please see USF System Policy 0-004, Sexual Misconduct/Sexual Harassment (Including Battery). http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-0-007.pdf)
The following actions are prohibited:

1. Discrimination and/or harassment by any USF System employee or student against any individual(s) or group(s) within the USF System.

2. Discrimination and/or harassment by any USF System employee or student while assigned to duties or academic programs of the USF System (regardless of their location) against any individual(s) or group(s) that is not an employee or student, including any USF System program invitee(s).

3. Discrimination and/or harassment by any vendor or individual external to the USF System against any USF System employee(s), student(s) or program invitee(s) during the transaction of business with the USF System, during any program or activity coordinated through the USF System, and/or while on USF System premises.

4. Retaliation by any USF System employee or student against any individual(s) or group(s) who, in good faith, has made any allegation of discrimination and/or harassment, or who has testified, assisted, or participated in any way in any investigation, proceeding, or hearing conducted under this policy or any federal or state law.

5. Knowingly making false accusations or allegations of discrimination and/or harassment or retaliation, or knowingly making false statements regarding alleged discrimination and/or harassment or retaliation in any investigation, proceeding, or hearing conducted under this Policy or any federal or state law.

Any person who believes they have been subjected to discrimination can file a complaint with the USF System Office of Diversity, Inclusion & Equal Opportunity, John & Grace Allen Building (ALN) 172 on the Tampa Campus. The telephone number is (813) 974-4373. It shall be prohibited for any employee of USF to discriminate or take retaliatory action against any individual who, in good faith, has opposed an alleged unlawful practice or has made a charge, testified, assisted, or participated in any manner in an investigation, proceeding, or hearing under the provisions of applicable law or the university equal opportunity policies.

For more information on the Office of Diversity, Inclusion, and Equal Opportunity, please visit their website at: https://www.usf.edu/diversity/.

Title IX Policy

The University of South Florida System (USF System) community is most successful when it is based on respect and fair treatment of all people. The USF System strives to provide a work and study environment for faculty, staff and students that is free of discrimination and sexual harassment, including sexual violence. As part of the effort to maintain an environment that is comfortable for all people, the USF System establishes this Policy.

Sexual harassment, including sexual violence, is prohibited within the USF System, and complaints of such conduct are to be filed with the Office of Diversity, Inclusion and Equal Opportunity. The designated office will review such complaints and provide appropriate response including counseling, mediation (in limited circumstances), and/or referral for disciplinary action, up to and including termination from employment and/or expulsion from the USF System.

Pursuant to Title IX, the University does not discriminate on the basis of sex in educational programs or activities that it operates. Such protection extends to both employees and students. Any questions or inquiries concerning the application of Title IX may be referred to the Title IX Coordinator, the Title IX Senior Deputy Coordinator, to any of the University's Title IX Deputy Coordinators, or to the Office for Civil Rights (OCR). The most up-to-date information on the University's Title IX Coordinator and Deputy Coordinators can be found in the webpage for the Office of Diversity, Inclusion and Equal Opportunity, located at https://www.usf.edu/diversity/.

The Title IX Coordinator is:

Cecil Howard, Associate Vice President
Chief Diversity Officer & Title IX Coordinator
4202 E. Fowler Avenue, ALN 172
Tampa, Florida 33620
(813) 974-4373
howardc@usf.edu
Discrimination and harassment on the basis of race, color, marital status, sex, religion, national origin, disability, age, genetic information, gender identity and expression, sexual orientation, or veteran status are also prohibited. (Please see USF System Policy Number 0-007, Diversity & Equal Opportunity: Discrimination & Harassment http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-0-007.pdf).

When appropriate, the University will take steps to prevent the recurrence of harassment, including sexual violence, and to correct any discriminatory effects of harassment on the complainant and others.

Students with Disabilities


Students with Disabilities Services
813.974.4309 (Office)
sa-sds-information@usf.edu
https://www.usf.edu/student-affairs/student-disabilities-services/

In accordance with Section 504 of the Rehabilitation Act, the Americans with Disabilities Act and the ADA Amendments Act, Students with Disabilities Services (SDS) is dedicated to providing reasonable accommodations to students with disabilities to ensure full participation in all aspects of USF campus and student life. Reasonable accommodations are provided for students with temporary or permanent disabilities.

The student initiates the process by identifying herself/himself to the SDS office and completing an application. Students must provide documentation of a disability. Please visit our website for guidelines and verification forms. All documentation is reviewed by the professional staff of SDS and, when necessary, reviewed by consultants with expertise in specific disability areas. In some cases, students are requested to provide more documentation than originally submitted. In cases where documentation is not available, please consult with SDS. Once approved, the SDS coordinator and the student will sign an accommodation plan outlining academic accommodations.

Each semester the student is responsible for giving each of her/his professors a memorandum of accommodation. Accommodations may include, but are not limited to, note taking services, extended test time, books in electronic/audio format, and assistive technology. The accommodations should maintain the academic integrity of the course and never alter the level of ability or mastery the individual is required to demonstrate.

Drug-Free Workplace/Drug-Free Schools Policy Statement


The unlawful manufacture, distribution, possession or use of alcohol or a controlled substance is prohibited on property of or in connection with any of the activities of the USF System. No employee/student is to report to work/class while under the influence of illegal drugs or alcohol. Any employee or student determined to have violated this policy shall be subject to disciplinary action for misconduct. Violation of this policy by an employee/student will be reason for evaluation/treatment for a drug/alcohol use disorder or for disciplinary action up to and including termination/expulsion in accordance with applicable collective bargaining agreements, policies and procedures, or referral for prosecution consistent with local, state, and federal law.

Tobacco and Smoke Free Campus

USF System Policy, 6-026, Tobacco and Smoke Free Policy http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-6-026.pdf

University of South Florida Tampa (“USF”) is committed to providing a safe and healthy learning, living, and working environment for the campus community. This Policy intends to reduce the health risks related to smoking, tobacco and related products, as well as to reduce the smoking and tobacco-related waste from USF.

STATEMENT OF POLICY
Smoking, tobacco use, and use of related products is prohibited on all property owned, leased or operated by USF. This includes, but is not limited to, all indoor and outdoor areas and properties. Additionally, no smoking and/or tobacco products will be sold or advertised on the USF Tampa campus. This Policy applies to all faculty, staff, students, vendors and visitors.
The President or designee may allow smoking in specific designated areas of campus for clinical treatment purposes, including smoking cessation programs, or research-related purposes.

ENFORCEMENT
The success of this Policy relies on the thoughtfulness, consideration and cooperation of smokers and nonsmokers, not only to comply, but to encourage others to comply with the Policy. Any student who repeatedly refuses to abide by this Policy may be considered in violation of the Student Code of Conduct and will be handled accordingly. Repeat violations by any faculty or staff member will be handled through normal University processes.

All attendees at public events, such as conferences, meetings, public lectures, social and cultural events using USF facilities and grounds are required to abide by this Policy. Organizers of such events are responsible both for communicating and enforcing this Policy with attendees.

Visitors, contractors, and other individuals on campus who are in violation of this Policy should be reminded of the Policy and asked to comply by discarding the smoking/tobacco product. Continuing violations may also result in disciplinary action as deemed appropriate by University officials.

**Campus Alcoholic Beverages Policy**

**USF System Policy 30-023 Alcohol Policy**

As an open public university, the USF System does not prohibit the legal consumption of alcohol on its campuses. We recognize that as part of a well-planned and structured program, the serving and consumption of alcohol may take place. Therefore, the intent of this Policy is to establish guidelines and procedures for the legal and responsible use of alcohol at USF System campus events. The use of alcoholic beverages by members of the USF System community is at all times subject to the applicable alcoholic beverages laws and ordinances of the State of Florida, and the city and county of each USF System Institution. No person may sell, furnish or give alcohol to any person under the age of twenty-one (21).

For the full policy, see [http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-30-023.pdf](http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-30-023.pdf).
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Office of Admissions
Student Services Building (SVC) 1036
(813) 974-3350
admissions@usf.edu
https://www.usf.edu/admissions/

The Office of Admissions assists prospective students with learning about the opportunities available to them at the University of South Florida. The Office is responsible for processing applications for admission for undergraduate students – first time in college (FTIC), transfer, and former students returning (FSR), including international students. Admission to the University of South Florida requires evidence of ability to successfully complete academic work, the capacity to think creatively, and strong motivation. The minimum admission requirements are designed to help identify applicants whose academic background indicates the potential for success at USF; however, achieving minimum admission requirements does not guarantee acceptance.

The admission of new students at all levels is on a selective basis within curricular, space, and fiscal limitations. The selection process may include such factors as grades, test scores, date of application completion, the pattern of courses completed, educational objectives, past conduct, school recommendations, personal recommendations, and portfolios. Preference for admission in any term will be given to those applicants whose credentials indicate the greatest promise of academic success. The University encourages applications for admission from all qualified applicants and does not discriminate based on race, color, marital status, sex, religion, national origin, disability, age, sexual orientation, veteran status, genetic information and gender identity and expression, or as otherwise prohibited by state or federal law, in the admission process. Students are offered admission to USF in accordance with the mission and goals of the University and within enrollment limitations established by the Department of Education, State University System of Florida and the Florida Legislature.

Admissions Application

The Office of Admissions accepts either application below. A $30 (in U.S. currency) nonrefundable application fee is required. Only one application needs to be submitted from either:

- The online USF Undergraduate admissions application found on the Office of Admissions web page at https://www.usf.edu/admissions
- Coalition Application found at http://www.coalitionforcollegeaccess.org

When to Apply

Applications for admission are accepted as early as nine months before the requested entry term. Applications for admission and the non-refundable application fee should be submitted by the preferred deadline date for the requested entry term or by the application deadline for the requested degree program (see specific programs in this catalog), whichever is earlier.

**SUMMER/FALL SEMESTER START**

- July 1 - Summer/Fall Application opens
- November 1 – Preferred admissions deadline
- January 1 – Priority deadline for financial aid consideration
- January 15 – Application completion deadline for students to qualify for admissions scholarships
- March 1 – Final application deadline
- May 1 - Admissions deposit deadline
SPRING SEMESTER START

- February 1 - Spring Application opens
- October 1 – Preferred admissions deadline
- November 15 – Application completion deadline for students to qualify for admissions scholarships

Who Should Apply

The University of South Florida offers a variety of programs to meet the diverse needs of the student body. You can apply if you are any one of the following:

- A High School Senior or First Time in College (FTIC) seeking a Bachelor's degree.
- An Undergraduate student with some college credits seeking a Bachelor's degree.
- A non-U.S. citizen seeking an Undergraduate or Graduate degree.
- An Undergraduate or Graduate student interested in Biomedical Science, Medicine, Nursing, Public Health, Pharmacy or Physical Therapy.
- Seeking courses and programs for training, professional advancement, certification or personal growth.

An application for admission must be submitted by all students who have not been admitted to and enrolled in a USF degree program within the last three terms. Former or continuing USF degree-seeking students must file another application for admission when applying for a second-degree program, another level of study or readmission (see Readmission). Any previously enrolled student will be required to pay the $30 application fee. Documents submitted requesting a waiver of the $30 application fee are considered by the Dean of Admissions based upon the determination that the payment of this fee creates a documented severe financial hardship and serves as a deterrent from submitting the application.

Changing Requested Term of Entry

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

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

Important Dates & Deadlines

For current deadlines, please visit Office of Admissions at https://www.usf.edu/admissions/freshmen/admission-information/requirements-deadlines.aspx.

Apply early! Admissions decisions are made on a rolling basis beginning in October as applications are completed and all supporting documents are received. You may apply as early as August of your senior year. Freshman applications are considered for the Spring, Summer and Fall semesters.

SUMMER/FALL SEMESTER START

- July 1 - Summer/Fall Application opens
- November 1 – Preferred admissions deadline
- January 1 – Priority deadline for financial aid consideration
- January 15 – Application completion deadline for students to qualify for admissions scholarships
- March 1 – Final application deadline
- May 1 - Admissions deposit deadline
SPRING SEMESTER START

- February 1 - Spring Application opens
- October 1 – Preferred admissions deadline
- November 15 – Application completion deadline

General Admission Policies

Transcripts and Other Admission Documents

All official transcripts, test scores, and any other required credentials must be received directly from the issuing agencies. It is the applicant’s responsibility to initiate the request for credentials to the issuing agencies and to assure their receipt by the Office of Admissions. (See “Minimum Requirements for Admission” for information concerning required documentation). Official transcripts from all previous institutions are required.

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

Provisional Admission

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

Conditional Offers of Admission

Some applicants may be offered admission to the University of South Florida with the condition that they enroll in an alternate term, campus and/or program that differs from that requested on the application for admission, or that they meet the conditions outlined in the acceptance offer. For example, a freshman applicant may be offered admission to the summer or spring term due to enrollment limits and/or admission criteria. Continued enrollment is contingent on meeting all conditions of admission.

USF System Change of Institution Process

The University of South Florida System consists of three separately accredited institutions - USF, USF St. Petersburg, and USF Sarasota-Manatee. Each institution has unique policies as well as unique admission, degree and residency requirements. A student wishing to change from one USF institution to another after enrollment should refer to the procedures listed on the Undergraduate Studies website at http://ugs.usf.edu/system/change-of-institution/.

Admission Denials

Any applicant - freshman or transfer - who does not meet minimum admission requirements and is denied admission may submit an appeal to the Faculty Committee on Student Admissions in writing within 30 days of notification for reconsideration of the admissions decision.

Undergraduate applicants - freshman or transfer - who are denied admission as a degree-seeking student may not enroll as a non-degree seeking student.

Receipt of final official credentials that fail to substantiate eligibility will result in rescission of admission and denial of continued enrollment in subsequent terms.

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

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

See Florida Board of Governors (BOG) 6.001 General Admissions https://www.flbog.edu/documents_regulations/regulations/6_001_General_Admissions.pdf
Required Proof of Immunity

All students must have proof of immunity as follows:

- MEASLES: Proof of Immunity.
- RUBELLA: Proof of Immunity.
- HEPATITIS B: Proof of Immunity or signed waiver declining the vaccine.
- MENINGITIS: Proof of Immunity or signed waiver declining the vaccine.

All students must complete and sign the USF Medical History & Immunization History Form or provide supporting documentation and electronic signature on their student OASIS account.

For students that applied to USF using an international address, a Tuberculosis screening is also required. For details, see http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-33-003.pdf.

For detailed information regarding USF's Immunization Policy and Requirements, see http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-33-002.pdf.

For questions, contact 813-974-4056 or immunization@shs.usf.edu.

Required Orientation

Office of Orientation
John & Grace Allen Building (ALN) 102
(813) 974-3060
myorientation@usf.edu
https://www.usf.edu/orientation

Prior to beginning classes, all new undergraduate students (first year and transfer) are required to participate in Orientation at the USF campus to which they are admitted. Orientation sessions are designed to assist new students with their transition into the University. During the University Orientation students are made aware of the following: college overviews and requirements for their degree program; general University policies and services; and student activities and campus life. In addition, academic advising and registration for classes are all part of the orientation process.

All new students will receive Orientation information after admission. It is in the best interest of the student to schedule their Orientation as early as possible. Also, it is important to remember that a student will not be permitted to attend USF without having attended an Orientation session prior to the first day of classes. Orientation sessions are tailored for First Year, Transfer, and International Students.

Residency for Tuition Purposes

Florida BOG 7.005 Residency for Tuition Purposes
https://www.flbog.edu/documents_regulations/regulations/7_005ResidencyforTuitionPurposesSept2015.pdf

Residency refers to whether you are an in-state Florida resident or an out-of-state resident, and this classification determines your rate of tuition. Most importantly, living in or attending school in Florida will not, in itself, establish legal residence for tuition purposes.

When you apply to the university, your initial residency classification is determined by the Office of Admissions. Failure to provide sufficient documentation in the residency section of the admissions application will result in a non-Florida or out-of-state residency classification for tuition purposes.

You have until the last day of classes in your first term to request that the Office of Admissions re-evaluate your residency status by providing sufficient documentation. However, if your residency status is listed as non-Florida at the time that classes begin, you will be assessed out-of-state tuition charges.

Once you have completed your first term at USF, you can request a reclassification of your residency status from the Office of the Registrar (https://www.usf.edu/registrar/resources).
Limited Access Programs

Undergraduates seeking entrance to limited access degree programs must meet special program requirements in addition to requirements for admission to the University. While many limited access programs admit students only at the junior level, some programs admit students for the freshman or sophomore years. The admission criteria and procedures for limited access programs at USF furnish equal access to A.A. degree holders from Florida public colleges, transfers from other SUS institutions and USF students of equivalent status. Transfer applicants with 60 or more transferable semester hours who are seeking admission to limited access programs must meet the grade point average requirement specified by the program to be eligible for admission to USF. Transfer applicants with 30 to 59 transferable semester hours who are seeking admission to certain limited access programs such as Nursing may be required to meet a higher transfer grade point average requirement that would allow eventual admission to those particular degree programs.

USF, with approval of the Board of Governors and the Articulation Coordinating Committee, has established the following undergraduate programs as limited access:

- Mass Communications in the College of Arts and Sciences
- Social Work in the College of Behavioral and Community Sciences
- All degree programs in the College of Business
- Exercise Science and Physical Education in the College of Education
- All degree programs in the College of Nursing
- B.F.A. and B.A. in Dance in the College of the Arts

The admissions requirements for these degree programs may be found with other program information in appropriate sections of this catalog.

Florida College System

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

Foreign Language Entrance Requirement

Foreign Language Entrance Requirement (FLENT)

USF Regulation 3.018 ([http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.018.pdf](http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.018.pdf))


FL BOG Regulation 6.004 ([http://www.flbog.edu/documents_regulations/regulations/6.004%20Transfer%20Student%20Admission_FINAL.pdf](http://www.flbog.edu/documents_regulations/regulations/6.004%20Transfer%20Student%20Admission_FINAL.pdf))

All applicants admitted to the State University System (SUS) are expected to have demonstrated competency of foreign language or American Sign Language equivalent to the second high school level or higher. A limited number of students not meeting the foreign language requirement may be admitted; however, these students must fulfill the foreign language requirement prior to completion of the baccalaureate degree.

Opportunities for Accelerated Progress toward Undergraduate Degrees

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

1. Recognition of satisfactory performance on standardized tests offered through recognized examination programs. See [http://ugs.usf.edu/credit-by-exam/](http://ugs.usf.edu/credit-by-exam/) for a complete listing of exams and course equivalencies.
2. Recognition of satisfactory performance on tests offered through Advanced Placement Programs of the College Entrance Examination Board (see Advanced Placement Credit Programs).

3. Recognition of the International Baccalaureate Diploma Program. Students who earn the IB Diploma will be awarded 30 semester hours of college credit and sophomore standing. Credit for standard level exams with a score of 4 or higher may be awarded to those students who do not earn the IB diploma.

4. Dual enrollment as a non-degree-seeking student at USF or a community college prior to graduation from high school (see Dual Enrollment [Public/Private High/Home School]). Florida College System students should follow eligibility criteria for non-degree seeking students (below).

5. Early admission for high school students (see Early Admission Freshmen).


7. Courses completed through the Florida Distance Learning Consortium. See https://www.floridashines.org/.

8. Courses completed through the State University System Correspondence Study program.

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

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

### Minimum Requirements for Admission

#### Freshman Applicants

**BOG Regulation 6.002**  

**USF System Regulation 3.018**  
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.018.pdf

Any freshman applicant who meets minimum admission requirements as stated in Florida Board of Governors Regulation 6.002 is encouraged to submit an application. Each state university reserves the right under Florida BOG regulation to establish admission criteria that exceeds Florida BOG minimums.

To be considered for admission, freshman (First Time in College) applicants must submit:

- USF Application for Admission
- Non-refundable $30 application fee
- Official high school transcript
- Official GED scores if applicable
- SAT or ACT scores
- IELTS or TOEFL scores, if applicable.

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

The University sets admission requirements found on the Undergraduate Admissions web homepage. Please refer to https://www.usf.edu/admissions/freshman/ for the current admission requirements. Admission to the University is selective; therefore, meeting requirements does not guarantee admission.

The institution reserves the right to request the testing agency to validate any applicant’s admission materials including transcripts and test scores such as SAT, ACT, TOEFL, PTE-A or IELTS used in the admission process if, in the judgment of University officials, there is reason to warrant this validation. See http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.018.pdf.

1. A diploma from a public or regionally accredited high school or the state-approved General Education Development (GED) diploma is required for freshman admission. Early Admission Program students are exempted from this requirement.

2. For freshman applicants earning a high school diploma, the following college preparatory academic units (year-long courses or equivalents) normally offered in grades nine through twelve are required:
   - Four (4) units of English (three of the four must incorporate substantial writing requirements);
   - Four (4) units of mathematics (Algebra I and above);
   - Three (3) units of natural sciences (two of the three must incorporate substantial laboratory requirements);
   - Three (3) units of social sciences (history, civics, political science, economics, sociology, psychology, and geography);
   - Two (2) units of the same foreign language; and
   - Two (2) additional units of academic electives.

3. USF System institutions recalculate high school grade point average for admission that enhances credits for accelerated coursework with a grade of C or higher by adding one quality point for grades earned in Advanced Placement courses, International Baccalaureate courses, AICE (Advanced International Certificate of Education) and dual enrollment courses; and one-half quality point for any grade earned in certain courses designated as honors or advanced by school districts or independent schools.

4. Official admission test scores from the College Board SAT administered by the Educational Testing Services or scores from the ACT exam must be submitted. When scores are provided from multiple administrations of an admission test, the combination of the highest individual subtest scores are used to determine eligibility for admission.

5. As a minimum, each freshman applicant must meet one of the following:
   a. At least a “B” average (3.0 on a 4.0 scale) as computed by the USF System in required high school academic units in English, mathematics, natural science, social science and foreign language; or
   b. A combination of high school GPA and admission test scores equivalent to a 2.5 (on a 4.0 scale) as computed by the USF System in the required high school academic units in English, mathematics, natural science, social science and foreign language, and scores on the College Board SAT of 500 on Evidence-Based Reading and Writing, 500 on Mathematics or comparable sub-scores on the ACT of 18 on Reading and 19 on Mathematics as indicated by the Florida Board of Governors.

6. Applicants with a GED diploma must have an average score of 580 or higher (58 on the old GED exam) with a minimum score of 500 on each of the five tests (50 on the old GED exam), and a total score of at least 1070 on the SAT (Critical Reading, Evidence-Based Reading and Writing, and Mathematics) or 21 on the ACT.

7. Any freshman applicant who does not graduate from a regionally accredited secondary school, including those applicants who are home schooled or those who have earned a GED, must provide official results from the SAT Subject examinations in mathematics (Level II-C), foreign language, science and social science. This requirement may be waived if the student provides an official secondary or postsecondary transcript or official AP or CLEP examination results demonstrating college readiness in each of the four core subject areas above. For the purposes of the admission decision; the USF System will use the SAT Evidence-Based Reading and Writing scores or ACT Reading and English sub-scores if the applicant has completed no senior-level or postsecondary coursework in English. Please refer to the International Applicants section for additional requirements for international applicants.
USF Admissions Deposit

Freshmen admitted to the University of South Florida are required to submit a $200 non-refundable admission deposit by May 1 for either Summer or Fall, or by December 1 for Spring admission.

The admission deposit will be credited to the student’s account and applied toward their first-semester tuition. The admission deposit will be waived for admitted freshmen who demonstrate significant financial need on a FAFSA (Free Application for Federal Student Aid) submitted by USF’s priority deadline.

Admitted freshmen are encouraged to pay the deposit online via OASIS (USF’s Online Access Student Information System). Online payment is the University’s preferred payment method. Checks and money orders submitted to the Cashier’s Office (SVC 1039) are also acceptable forms of payment.


Early Admission (Public High School, Private High School, or Home School)

USF System Regulation 3.018 http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.018.pdf

Through early admission, highly capable, mature high school students enrolled in a strong college-preparatory curriculum may enter the University as regularly enrolled, degree-seeking students prior to graduation from high school.

Students in the Early Admission program must take courses that are creditable toward the high school diploma and the associate or baccalaureate degree. More information is found at https://www.usf.edu/honors/prospective-students/early-admission.aspx.

Prospective applicants:

1. Have completed the equivalent of the junior year of high school, requiring one more year to complete requirements for the high school diploma;
2. Typically have a 1360 on the Mathematics and Critical Reading sections of the SAT, with no less than 580 on either section; or a 29 on the ACT with no less than a score of 29 on English, 21 on the Reading, and 21 on Mathematics; and a 3.8 weighed high school grade point average (computed by USF); and a TOEFL score, if applicable;
3. Meet regular USF admission criteria for degree-seeking undergraduate students;
4. An interview may be requested by the Early Admissions Coordinator.

Dual Enrollment (Public High School, Private High School, or Home School)

Dual enrollment in USF classes is open to academically qualified students currently enrolled in public/private high schools and home schools who are recommended by their guidance counselor or principal. Dual enrollment students are non-degree-seeking students at USF and may only take courses which are creditable toward their high school diploma. For more information, see https://www.usf.edu/honors/accelerated-programs/dual-enrollment.aspx.

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

1. Be at least 16 years old at the start of term, unless enrolled in a special summer program initiated by USF or a special course section involving only dual enrollment students;
2. Have proof of a minimum of 550 SAT EBRW (Evidence-Based Reading & Writing) and 550 on SAT Mathematics, or appropriate placement test scores; and a TOEFL score, if applicable;
3. Have:
   a. completed the equivalent of the sophomore year,
   b. students typically present a 3.5 grade point average or higher on a 4.0 scale (as calculated by USF), and
   c. satisfied any course prerequisites; and
Readmission (Former Student Returning)

A former student returning (FSR) is any degree-seeking undergraduate student who has not earned their bachelor’s degree, who has not been enrolled at USF in any of the last three terms, and who wishes to re-enroll in the University. In order to be considered for readmission, a former student should file a new application for admission with the Office of Admissions (https://www.usf.edu/admissions/transfer/admission-information/requirements-deadlines.aspx) at least 20 business days prior to the start of classes for the term of requested re-entry. A new $30 application fee is required. Former College of Education majors must contact the College of Education Advising Office (https://www.usf.edu/admissions/freshmen/admission-information/requirements-deadlines.aspx) for additional readmission requirements.

Applications seeking to be classified as a Florida resident must complete the residency declaration and residency status will be reassessed.

Undergraduate students returning to seek a baccalaureate degree must:

1. Be in good academic standing and eligible to return to the USF System institution as well as the last institution attended as a degree-seeking student. For all college-level academic courses attempted at any institution since last enrolling in the USF System institution, the applicant’s transfer GPA must meet or exceed the GPA required of new transfer students at the time of readmission.

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

3. The Academic Regulations Committees (ARC) have the Power to Approve (PTA) petitions for undergraduate or non-degree seeking students that fail to maintain a 2.0 GPA and are Academically Dismissed (AD) from a USF System institution. (Refer to the Academic Probation and Academic Dismissal Policies in the Undergraduate Catalog.) Academic Regulations Committees also may approve the readmission of students who qualify for Academic Renewal to have portions of their academic record not counted in the determination of the GPA for graduation purposes. (Refer to the Academic Renewal Policy in the Undergraduate Catalog.)

Transient students and non-degree-seeking students are not considered former students returning. Former or continuing USF degree-seeking students must file another application for admission and pay the non-refundable $30 application fee when applying for a second degree program, another level of study or readmission (see Readmission).
Credit by Examination

The University of South Florida System awards credit-by-examination based on the minimum guidelines as established by the Articulation Coordinating Committee (ACC) available on https://www.floridashines.org/, pursuant to Florida Statute 1007.27 (http://www.leg.state.fl.us/statutes/index.cfm?App_mode=Display_Statute&Search_String=&URL=1000-1099/1007/Sections/1007.27.html), and approved by the State Board of Education and Board of Governors.

Students may receive up to 45 semester hours of credit towards the baccalaureate degree upon successful completion of any of the examinations listed below. For more information, see USF System Policy 10-017 (http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-017.pdf). Performance levels necessary to achieve credit have been established and are listed under each exam. Credit earned through one examination program may not be duplicated by another examination or course.

- Advanced Placement (AP)
- Advanced International Certificate of Education Program (AICE)
- Caribbean Advanced Proficiency Exams (CAPE)
- College Level Examination Program (CLEP)
- DSST (formerly DANTES Subject Standardized Tests)
- Excelsior (EXCEL)
- International Baccalaureate (IB)

The University of South Florida evaluates all credits earned and grades received for admitted undergraduate students in college-level courses at regionally accredited institutions. Credits earned at international institutions or during study abroad are also evaluated for transfer. Please contact the Office of Admissions (https://www.usf.edu/admissions/) or International Studies for admission requirements (https://www.usf.edu/admissions/international/admission-information/undergraduate/).

USF Testing Services accommodates USF and non-USF customers, and delivers more than 1,000 exams per month. For more information, see https://www.usf.edu/testing-services/.

Additional information on exam credits is published by the Florida Department of Education at http://www.fldoe.org/core/fileparse.php/5421/urlt/0078391-acc-cbe.pdf.

Undergraduate Transfer Applicants

Undergraduate Transfer Applicants

BOG Regulation 6.004 - Admission of Undergraduate, Degree-Seeking Transfer Students
http://www.flbog.edu/documents_regulations/regulations/6.004%20Transfer%20Student%20Admission_FINAL.pdf

USF System Regulation 3.018 (http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.018.pdf) (see item 4c)

For more information, please visit the Office of Admissions website at: https://www.usf.edu/admissions/transfer/

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

1. Transfer applicants must be in good standing and eligible to reenroll at the last regionally accredited institution attended as a degree-seeking student.

2. All transfer applicants are required to meet satisfactory academic progress criteria as determined by the U.S. Department of Education. USF System institutions have specific transfer admission requirements which may include a completion of specific percentage of courses attempted. An excessive number of course withdrawals as well as failed and repeated courses could negatively affect admissibility as a transfer to the USF System.
3. Transfer applicants must submit official transcripts from all post-secondary colleges and schools attended.

4. Grade point averages for the purpose of admission will be computed based on grades earned in courses acceptable for transfer credit; incomplete grades will be computed as failures.

5. Transfer applicants must have completed two credits of one foreign language or American Sign Language in high school or the equivalent to eight to ten semester hours in the undergraduate institution(s) attended or demonstrate equivalent foreign language competence as described in BOG Regulation 6.004. Transfers are exempt from this admissions requirement if they received an Associate in Arts degree prior to September 1, 1989, or if prior to August 1, 1989, they enrolled in a program of study leading to an associate degree from a Florida public college or university and have maintained continuous enrollment until they are admitted to a university. Continuous enrollment will be established if the student enrolls in at least one term in each twelve-month period beginning with the student’s first enrollment in a community college and continuing until the student enrolls in a university.

Transfer of Credit to USF

USF will accept credits only from institutions accredited by one of the accrediting agencies/commissions recognized by USF. However, USF reserves the right to deny credit for specific courses. The receipt and evaluation of total transfer credit are the responsibility of the Office of Undergraduate Admissions (https://www.usf.edu/admissions/). The Office of the Registrar creates transfer course equivalencies and maintains transfer course catalogs. From these resources, the College of the student’s major will determine which courses are applicable toward a specific degree and will assign equivalent courses.

For students completing courses at a Florida State College or University, please review the Statewide Course Numbering System for course equivalencies (https://flscns.fldoe.org/).

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

Additional information on the State University System of Florida and Board of Governors policies for transfer students is available at http://www.flbog.edu/forstudents/ati/transfer.php.

Articulation Agreement

6A-10.024 Articulation Between and Among Universities, Community Colleges, and School Districts

https://www.systemacademics.usf.edu/articulation-agreements/documents/6a-10.024.pdf

It is the intent of the Board of Governors and the State Board of Education to facilitate articulation and seamless integration of the education system by agreeing to the provisions of this rule. The authority to adopt and amend this rule aligns with the Constitutional power given the Board of Governors for the state university system and the statutory authority given the State Board of Education for the district school boards, the community college system, and the Department of Education.

State universities and community colleges shall publish with precision and clarity in their official catalogs the admission, course, and prerequisite requirements of the institution, each unit of the institution, each program, and each specialization.

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

Admission into the State University System

- A.A. graduates will be granted admission to a university within the SUS, but not necessarily to the university or program of choice.
- A.A. graduates will have the same opportunity to enroll in a university limited access program as the native university student.
Upon transferring to a state university, A.A. graduates will be awarded at least 60 credit hours towards the baccalaureate degree, exclusive of occupational courses and basic required physical education courses. Credits that are part of the A.A. degree earned through articulated acceleration mechanisms, such as dual enrollment, International Baccalaureate, early admission, Advanced Placement and credit by exam, will be transferable to the state university. As participants in the Statewide Course Numbering System, receiving institutions must accept all courses taken at the transfer institution if the courses at each institution have the same prefix and the same last three digits of the course number. The university catalog in effect the year the A.A. degree student first enrolled at a Florida College System institution will remain in effect for the student’s entire program, provided the student maintains continuous enrollment as defined in that catalog. Once a student has completed the general education core and this fact is noted on the transcript, regardless of whether or not an A.A. degree is awarded, no other state university or community college to which the student may transfer can require additional courses to the general education core. A separate agreement establishes the Associate of Science (A.S.) degree for articulation into specialized programs. Included in these transfer guarantees is the right of appeal. Students may appeal to the university and to the Statewide Articulation Coordinating Committee. Students who have questions or want more information about the articulation agreement should contact the Office of Undergraduate Studies at (813) 974-4051 or ugs-dean@usf.edu.

Award of Credit for Online Coursework

USF System Policy 10-071 Award of Credit for Online Coursework [http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-071.pdf]

BOG Regulation 6.020 [http://www.flbog.edu/documents_regulations/regulations/6_020_CollegeCredit.pdf]

Undergraduate students who are admitted to the University of South Florida System (“USF System”) and who have completed online college-level courses prior to initial enrollment in undergraduate education may request that the University evaluate that work to determine if credit might be awarded. Award of credit for that work must meet the following conditions:

1. USF System faculty have determined the online course content and learning outcomes to be comparable to a course offered at the institution;
2. Online courses meet the quality and accreditation standards intended for a transfer course; and
3. The subject area faculty, have determined that the online course is relevant to the student’s intended program of study.

Students wishing to have such online coursework evaluated for the purpose of receiving credit should inform Office of Undergraduate Studies, or the Chief Academic Officer at their regional institutions, upon being admitted but prior to enrolling in classes at the university. If credit for the online coursework was awarded by another institution of higher education the student must submit an official transcript reflecting the award of credit and the transferability of that work will be determined with the same processes and criteria for other transferred courses, including coursework recommended for credit by the American Council on Education (ACE).

For more information regarding the process to have coursework evaluated and/or further information on the policy, please visit the USF System Policy 10-071 ([http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-071.pdf](http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-071.pdf)).
Award of Credit for Military Training

BOG Regulation 6.013

USF Regulation 6.0025
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf6.0025.pdf

College credit will be granted to students with military training or coursework that is recognized by the American Council on Education (ACE) subject to institution transfer practices and limitations on amount and level of transfer credit. Military training or coursework will be subject to the same treatment as any other transfer credit evaluated, with utilization of the ACE Guide to the Evaluation of Educational Experiences in the Armed Services for determining equivalency and alignment of military coursework with appropriate University courses. If the coursework fulfills a general education or major course or degree requirement, the credit will be granted for meeting that requirement towards graduation. Appropriate course credit may include free elective course credit toward the degree.

Credit that was previously evaluated and awarded by another college-degree granting institution and that is appropriate to the transfer student's major will be accepted, subject to institution transfer limitations. Credit awarded for military education and training will be noted on the transcript and documentation of the credit equivalency evaluation will be maintained. Credit awarded for military education and training will not count in the excess hours fee per BOG Regulation 7.003 (http://www.flbog.edu/documents_regulations/regulations/7-003Fees-fines-penaltiesregulationFINAL11-08-12.pdf). Priority course registration will be provided for each veteran of the United States Armed Forces who is receiving the GI Bill.

Former Student Returning

The Office of Admissions will evaluate the acceptability of transfer of credits taken at regionally-accredited institutions since last enrolled at USF. The college of the student’s major will determine which courses are applicable for the student’s major. In some instances, exact course equivalents will also be determined by other colleges that offer the same or similar course(s) as a part of their programs of study.

A Returning Student is any degree-seeking undergraduate student who:

- Has not earned his/her degree,
- Has not been enrolled at USF in any of the last three consecutive terms, and
- Wishes to re-enroll in the University. Otherwise, you are considered a continuing student and can still register.

A college graduate seeking to earn an additional bachelor's degree is considered a second bachelor's degree student.

Non-degree seeking students are not considered Returning Students and are not required to submit an application through the Office of Admissions at https://www.usf.edu/admissions/.

Lower-Level Transfer Applicants (12 to 59 transferable semester credits)

USF System Regulation 3.018
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.018.pdf (see item 4d)

To be considered for admission, transfer applicants with fewer than 60 transferable semester credits must submit a USF Admissions Application. Also, the applicant must submit a $30 non-refundable application fee, an official transcript from each previous college attended, an official high school transcript, official GED scores if applicable, official SAT or ACT scores, and a IELTS or TOEFL score if applicable.

Lower-level transfer applicants who will enter USF with 12-59 transferable semester credits must minimally meet the following requirements to be considered for admission in good standing; however, satisfying these minimum requirements does not guarantee admission.

1. Transfer applicants with less than 30 semester hours of transferable college credit (lower level) must meet all Freshman Admission requirements (see Sec. (4)(b)5.).
2. Applicants with 30 or more and 59 or less transferrable semester hours must have successfully completed (C or higher) at least one English Composition course and one college level mathematics course that consists of three (3) semester credit hours. High school transcripts are required to demonstrate completion of the foreign language admission requirement.

3. Lower level transfer students who do not meet the foreign language requirements must satisfy the foreign language requirement prior to admission to the upper division and may not exceed 5 percent of the number of freshmen enrolled in the prior academic year.

4. Please refer to the International Applicants section for additional requirements for international applicants.

**Upper-Level Transfer Applicants (60 or more transferable semester credits)**

USF System Regulation 3.018
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.018.pdf (see item 4e)

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

Any transfer student with 60 or more semester hours who designates a desire for admission to a limited access undergraduate program must meet the overall admission GPA criteria of that program in order to be admitted to the University.

For further information regarding Upper-Level Transfer admissions requirements, visit https://usfweb2.usf.edu/admissions/

1. Admission as a junior to the upper division of the USF System will be granted-within curricular, space and fiscal limitations to an Associate in Arts degree graduate of a state-approved Florida public college or university or a transfer applicant from an SUS institution who has received the AA degree/certificate. The admission of AA degree transfers from Florida public colleges and universities is governed by the Florida Articulation Agreement (BOG Resolution adopting Rule 6A-10.024) Articulation Between and Among Universities, Community Colleges, and School Districts).

2. Undergraduate transfer students who have not earned the AA degree/certificate from a public community/junior college or state university in Florida or who have attended another college after receipt of the AA degree/certificate from a public community/junior college or state university in Florida must have an overall 2.0 grade point average on a 4.0 system in all college level courses attempted and acceptable to transfer.

3. Associate in Arts degree holders who are not exempt from the foreign language requirement and all other upper level transfer students admitted without meeting the foreign language admission requirement (see Sec. (4)(d)(2)) must satisfy the foreign language requirement prior to graduation.

**Evaluation of Transfer Credit**

USF System Regulation 3.018
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.018.pdf

1. The receipt and evaluation of transfer credit is the responsibility of the Office of Admissions (https://www.usf.edu/admissions/). The Office of Admissions will evaluate the acceptability of total credits transferrable to the University. The college of the student's major will assign equivalent courses in determining which courses are applicable toward a specific degree at the University. In some instances, exact course equivalents will also be determined by other colleges that offer the same or similar courses as part of their programs of study. Transfer students should be prepared with personal copies of their transcripts of all past course work to discuss advisement and placement with the appropriate academic advisor and should contact the college of their major soon after registration so that an official evaluation may be completed. Transfer students from non-Florida institutions should also be prepared to submit course syllabi to assist USF faculty in the official evaluation.
2. USF will consider credits only from those institutions accredited by one of the regional accrediting agencies/commissions at the time the credits are earned. (See * below for agencies recognized by USF.) Credits earned at an institution that is currently in "candidacy" status will not be considered for transfer credit until such time as the awarding institution receives full accreditation. Courses approved for transfer by the Statewide Course Numbering System (SCNS) from non-regionally accredited institutions will be considered for transfer credit the same as credits from regionally accredited institutions if the course is offered at USF.

3. Admitted students who wish to transfer courses from colleges or universities that are accredited by organizations and associations other than regional accrediting associations may request a review of those courses by contacting their academic advisors to initiate the process. Students will be asked to submit detailed information about the content and standards for each course to be reviewed, including, but not limited to a detailed syllabus that contains the course description, prerequisites and co-requisites, major learning outcomes, textbooks, and the academic qualifications of the instructor. These materials will be submitted to the appropriate department and the office of Undergraduate Studies for review by the faculty and the process may take some time, during which no credit will be awarded until the department review is completed. Only those courses that appear to match courses currently offered by the university will be reviewed for transfer.

4. USF reserves the right to deny credit for specific courses. USF does not award transfer credit from institutions that it determines to be occupational, college preparatory/remedial, or vocational in nature, or for other reasons as determined by the Office of Articulation, except for work that is specifically approved as part of the Bachelor of Science in Applied Science program or approved by the academic department of the student’s major.

5. Associate of Arts (A.A.) degree holders from Florida public accredited institutions will be considered as having met USF general education requirements and are automatically awarded 60 semester hours of credit. A course-by-course transfer credit evaluation will be done for all out-of-state and private in-state A.A. degree holders.

6. All courses from a Florida College System Institution/University bearing the same State Common Course prefix and last three numbers as a USF course are automatically transferred and transfer students may not be required to repeat these courses, unless a college age-of-record policy is involved. That same automatic transferability of credits applies to courses completed at non-regionally accredited institutions actively participating in the State Common Course Numbering System. Excluded are graduate courses, studio courses in art, internships, practicums, and performing arts courses such as dance, theater performance, voice, and instrumental music.

7. All undergraduate degree programs at USF require a minimum of 42 hours of upper-level work that would have been completed at a four-year college or university. This policy does not affect approved articulated A.S. degree programs. For information regarding specific articulated A.S. degree programs, consult the Office of Undergraduate Studies, B.S.A.S. Program.

8. Credit will not be awarded for GED tests.

9. Military service-school courses will be evaluated with reference to the recommendation of the American Council of Education when official credentials have been presented. Such recommendation, however, is not binding upon the University.

10. For ROTC and military science courses taken after Fall Quarter 1975, the maximum credit will vary with each college. A student must confer with his/her college advisor to determine the acceptability for his/her major. ROTC and military science courses taken prior to Fall 1975 are not acceptable for transfer credit.

11. A maximum of 45 semester hours of College Level Examination Program (subject and general examinations) credits can be accepted for transfer credit.

12. A maximum of 30 semester hours of extension, correspondence, and military service education credits can be applied toward a degree.

13. Grades earned in transferred courses are not computed in the student’s USF GPA except for the purposes of admission to limited access programs, the awarding of honors at graduation, and class ranking of baccalaureate students.

14. International postsecondary credentials must be sent with a certified English translation, with associated costs to be paid by the student.
15. A continuously-enrolled USF degree-seeking student must obtain prior written approval from the college of
the student’s major in order for courses taken at other regionally-accredited institutions to be applied to the
USF degree program.

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

General Education Transfer Credits

For the 2019-2020 academic year, transfer students will
be under the Enhanced General Education curriculum.
Please reference Enhanced General Education in the
Undergraduate Catalog on USF Enhanced General
Education requirements.

For an overview, see
https://www.usf.edu/undergrad/documents/general-
education-council/enhanced-gened-advisor-flyer.pdf.

International Student Admission Requirements

International Applicants (Non-resident Aliens)

USF System Regulation 3.018
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.018.pdf (item 7)

1. International undergraduate applicants who are not permanent U.S. residents (BOG Regulation 6.009) must
submit applications for admission, application fees and all required supporting documents by the published
deadlines. Applicants living outside of the United States are encouraged to submit required documentation
no later than three (3) months prior to the date of desired entry to USF System institutions or the deadline for
the degree program, whichever is earlier.

2. Supporting documentation includes the “Financial Support Requirements” form to show proof of availability
of financial resources sufficient to cover all educational, maintenance, personal and travel expenses while
attending USF System institutions without financial assistance from the USF System; all transcripts
identifying subjects and grades from the first year of secondary work to the time of application or graduation
when applying as an entering freshman or a transfer with less than 60 hours of transferable postsecondary
credit; appropriate diploma(s), certificate(s), degree(s), mark-sheet(s) and/or examination(s) passed, from
the home country, as evidence of United States equivalent qualifications and academic preparation for the
degree program requested; and “Transfer Clearance Form” signed by the International Student Advisor, if
currently enrolled in a U.S. Institution. Each International applicant must submit a signed health history form,
including proof of immunizations as required by USF Policy 33-002, and proof of adequate health insurance
coverage as required by USF Regulation 6.0162.

3. All transcripts must be in English. It is the applicant’s responsibility to have the transcript(s) translated before
submitting them as part of their admission credentials. All transcripts not in English must be accompanied by
a certified English literal translation; foreign postsecondary transcripts must be evaluated by one of the
credential evaluation services identified and published by the appropriate international admissions office.
Documents signed by a notary or other public official with no educational affiliation will not be accepted.
4. Applicants whose native language is not English, from non-English speaking countries, or who have not earned a degree in the United States must provide, taken within 2 years of the desired term of entry, a minimum IELTS score of 6.5, a minimum PTE-A score of 53, a minimum Test of English as a Foreign Language (TOEFL) score of 79 (internet-based test), 213 (computer-based test) or 550 (written test), a minimum IELA score of 176 (with minimum subscores of 169) or a minimum FCE score of 176 (with minimum subscores of 169). Official Scores must be submitted to USF directly from the testing agency. The English Proficiency requirements may be waived for an undergraduate applicant, if the applicant has completed successfully the equivalent of English Comp I or has submitted SAT or ACT test scores sufficient to validate English reading and writing proficiency as determined by the Board of Governors of the State University System of Florida.

Some post-secondary international credentials may be evaluated by the Office for International Admissions (https://www.usf.edu/admissions/international/), while others may require an official course-by-course evaluation completed by an independent credential evaluation service, with associated costs to be paid by the student.

Language Requirements for International Students

Applicants whose native language is not English, from non-English speaking countries, or who have not earned a degree in the United States must provide one of the following taken within 2 years of desired term of entry:

1. Minimum TOEFL score of 79+.
2. Minimum IELTS score of 6.5+.
4. Minimum IELA score of 176+ (subscores of 169+).

Official Scores must be submitted to USF directly from the testing agency. See http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.018.pdf for more information.

The TOEFL, IELTS, PTE-A or IELA requirement shall be waived if the applicant has an Associate in Arts (AA) degree/certificate from a Florida public college/university or if, immediately prior to the 5 entry date, the applicant has spent four consecutive years in a school where all courses are taught in English or if the applicant meets the Board of Governors’ minimum SAT Evidence-Based Reading and Writing or ACT scores in Reading.

The English Proficiency requirements may be waived for an undergraduate applicant, if the applicant has completed successfully the equivalent of English Comp I or has submitted SAT or ACT test scores sufficient to validate English reading and writing proficiency as determined by the Board of Governors of the State University System of Florida. Applicants who earn a baccalaureate or equivalent degree at a foreign institution where English is the language of instruction (for the institution and not just the major) may meet this requirement. However, other related factors (including test scores) will also be considered. Medium of Instruction must be documented on the transcript or on an official Certificate of Medium of Instruction from the Institution.

If your English Proficiency falls below these published minimums, then please contact INTO USF for admission to our pathway programs or our English Language Programs.

INTO University of South Florida
4202 East Fowler Avenue, FAO100
Tampa, Florida 33620 USA
P: +1 813 905 4686
FAX: +1 813 905 9686
INTOadmissions@usf.edu
http://www.intostudy.com/usf/apply
Mandatory Health Insurance for International Students on F and J Visas

BOG 6.009 (6)
https://www.flbog.edu/documents_regulations/regulations/6_009AdmissionInternationalStudents.pdf

USF Regulation 6.0162

International students in F or J visa classes must demonstrate that they have adequate health insurance coverage prior to enrollment. International students in J visa classes must also demonstrate that their accompanying spouse and dependents have adequate health insurance coverage prior to enrollment. Adequate health insurance for international students in F and J visa classes must include:

- Coverage period for full academic year, including annual breaks
- Medical benefits of at least $100,000 per person per accident or illness per policy year
- Basic medical benefits to include hospital and physician office visits
- Mental health care to include hospital and clinician office visits
- Female students must have maternity benefits covered as any other temporary medical condition
- Prescription drug benefits
- Medical Evacuation $50,000
- Repatriation of mortal remains $25,000
- Insurance carrier must have an “A” rating
- Medical claims must be paid in U.S. dollars payable on a U.S. financial institution

To comply with this regulation, USF Student Health Services Compliance Office must receive adequate documentation a minimum of two weeks prior to enrollment. USF Student Health Services sponsors a medical insurance for international students that meets and exceeds the federal, state, and university requirements. Policy information, current costs, and enrollment process are available at https://www.usf.edu/student-affairs/student-health-services/insurance/inscompliance.aspx.

For questions, contact 813-974-5407 or insurance@shs.usf.edu.

Other Admissions Information

Honors College

USF Honors College
4202 E. Fowler Avenue, ALN 241
Tampa, FL 33620
(813) 974-3087
contactus@honors.usf.edu
https://www.usf.edu/honors/

The USF Honors College on the Tampa campus is primarily designed for high achieving first-time-in-college students (FTICs); however, Honors also accepts continuing USF and transfer students. Honors College experiences are grounded in the liberal arts tradition and are intended for students regardless of major. The primary goals of the Honors College are to develop superior critical thinking skills through intensive research and interdisciplinary learning, foster a nuanced global perspective on contemporary issues through an internationalized curriculum and meaningful study abroad experiences, and encourage a rich understanding of social concerns through structured community engagement projects. (See complete description under “Honors College.”) Many scholarships are available exclusively to Honors College students.

Admission to the Honors College is determined by the Dean of the College.

- FTIC students are invited to join the College if they present at least a 4.0 USF recalculated weighted academic high school GPA, and a 1400 two-part SAT or a 30 composite ACT score.
• FTIC students presenting a 3.8 and either a 29 ACT or 1360 two-part SAT will be invited to apply for admission to the College.

• Students not admitted as FTIC, as well as transfer students, may apply for admission after completing 30 college credits with a 3.5 GPA.

• Students may also be admitted by petition to the Dean.

Departmental Honors opportunities are available in select departments; requirements vary according to department. Students may enroll in both the Honors College and Departmental Honors programs.

Students who satisfactorily complete the Honors College requirements and graduate with a USF GPA of 3.25 or above shall be identified as Honors College graduates on their diplomas and transcripts and at the Honors College Graduation Ceremony.

Applicants Receiving VA and Social Security Benefits

The University of South Florida is approved by the Florida Department of Veterans Affairs (VA) to educate and train veterans, their spouses or their dependents (100 percent permanent and totally disabled or deceased service connected).

Ten federal public laws currently provide education/job-training programs for VA-eligible students.

Five programs serve most students:

• Chapter 30 for U.S. Military Veterans

• Chapter 31 for Disabled U.S. Military Veterans

• Chapter 33 for U.S. Military Veterans or dependents of veterans

• Chapter 35 for Spouse and Children of Deceased or 100 percent (permanent and totally) Disabled Veterans (service connected), and

• Chapter 1606 for personnel in the National Guard or U.S. Military Reserves.

• Chapter 1607 for personnel in the National Guard or U.S. Military Reserves called or ordered to active duty in response to a war or national emergency (contingency operation) as declared by the President or Congress. Members may be eligible after serving 90 consecutive days on active duty after September 11, 2001.

USF's Office of Veterans Success (https://www.usf.edu/student-affairs/veterans/), located in the Grace and Allen Building (ALN 130), coordinates veterans services and specific program information. Eligible students must submit an Application for Educational Benefits and request certification for full-time or part-time educational benefits in accordance with VA rules and regulations.

This office also can provide confirmation of student status for VA health care or other benefits. Additionally, the University of South Florida provides military training to college credit evaluation and encourages all veterans to request this service from the campus veterans advocate.

A full-time Fall and Spring semester undergraduate load for VA benefits is twelve (12) credits per semester; a full-time Fall and Spring semester graduate load is 9 credits. Summer terms full and part-time enrollment requirements differ. Students should refer to the USF VA website for specific information about Summer credit requirements.

The Atlanta Regional Processing Office of the U.S. Department of Veterans Affairs determines eligibility based on official service records, evidence submitted by the student and applicable laws. Students with established VA program eligibility at another college or university must submit a Change of Program or Place of Training and a USF enrollment verification request to Office of Veteran Success. They can be contacted at 813-974-2291 or email vetserve@usf.edu.

Chapter 30, 1606 and 1607 program participants are required to verify attendance each month to the federal VA. Verification can be done on the Web Automated Verification of Enrollment (WAVE) page, or veterans can call 1.877.823.2378.
At the end of the term, if an undergraduate student’s cumulative grade point average falls below a 2.0 (C) average, the student will receive an academic warning. If at the end of the next term of enrollment, the cumulative GPA remains below 2.0, the student's educational benefits will be terminated and the DVA will be notified of the student's unsatisfactory progress for VA pay purposes. Students must meet the conditions for USF readmission to become eligible again for VA educational programs.

**Social Security Benefits**

Inquiries related to Social Security benefits should be directed to the student's local Social Security Office. The Office of the Registrar ([https://www.usf.edu/registrar/](https://www.usf.edu/registrar/)) will complete enrollment certificates after the Add/Drop period for the applicable academic term issued by the Social Security Administration for students eligible to receive educational benefits, as long as the student is a full-time undergraduate.

A full-time undergraduate load for Social Security benefits is twelve (12) credits per semester; a full-time graduate load is nine (9) credits.

**Transient Students**

USF System Policy 10.001  
[http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-001.pdf](http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-001.pdf)

An undergraduate transient student is one who comes to the University from another regionally accredited institution and wishes to take courses at USF for one term only before returning to the parent institution. Transient students may enroll at USF as non-degree-seeking students and are required to complete the Transient Student Admissions Application available at [https://www.floridashines.org/](https://www.floridashines.org/). All other Transient Students must apply as non-degree-seeking students.

See Non-Degree-Seeking Students for more information.

**Cross Enrollment/Transient Student - USF/Florida College System**

A transient student form is used when a USF student wishes to take courses at a Florida public institution outside of the University of South Florida System. Students wishing to take courses at public institutions in Florida must complete the Transient Admissions Application ([https://www.floridashines.org/succeed-in-college/take-a-course-at-another-school](https://www.floridashines.org/succeed-in-college/take-a-course-at-another-school)). This application is used to request approval for courses taken as cross enrollment (enrollment at USF and the other institution) or transient enrollment (courses taken only at another institution). Completed applications are automatically sent within three business days to the student's advisor/college office and to the Office of the Registrar and typically processed within three business days.


Please keep in mind that transient or cross enrollment in courses that are available in the USF system during Fall and Spring semesters will only be approved in very extenuating circumstances. However, transient enrollment in the Summer will be approved if the student resides and the courses are offered at institutions outside of Pinellas, Pasco and Hillsborough counties. First term, first time in college freshmen are not eligible for USF awarded financial aid if granted transient student status.

For more information, visit Undergraduate Studies website at: [https://www.usf.edu/undergrad/academic-processes/transient-and-cross-enrollment.aspx](https://www.usf.edu/undergrad/academic-processes/transient-and-cross-enrollment.aspx).

**Non-Degree Seeking Student**

Non-degree seeking student enrollment is on a space-available basis and has been established for those individuals who, while not interested in earning a degree, would like to enroll in all levels of university courses. Teachers needing to take courses for certification purposes, high school students (with the permission of their respective guidance counselor), individuals interested in taking courses for self-enrichment, and senior citizens are examples of those eligible to enroll as non-degree seeking. Senior citizens only are absolved from paying the $30 non-refundable application processing fee.
ADMISSIONS AND RELATED MATTERS

Former USF undergraduate degree-seeking students may only enroll as non-degree seeking students if they have completed their previous degree program or earned an equivalent degree at another institution. Should the latter be the case, an official transcript (reflecting the degree) from that institution must be sent to the Office of the Registrar (https://www.usf.edu/registrar/) prior to registration.

Applicants denied undergraduate admission to USF as degree-seeking students will not be permitted to enroll as non-degree-seeking students, unless the degree-seeking admission denial was more than five years prior to the application to be a non-degree seeking student. In this case, the hold will be overridden to allow a potential non-degree seeking student to enroll. Any applicant denied undergraduate, degree-seeking admission who currently attends a Florida State University System institution, will have the hold overridden, providing an approved transient application from the current Florida State University System institution is received by USF.

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

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

Individuals enrolling as non-degree seeking students who plan to make formal degree-seeking application to the University may not apply more than 14 semester hours toward an undergraduate degree unless enrolled in a Pathways program offered through INTO USF or other approved programs. Students earning a second baccalaureate degree or enrolling in an approved program may request an exception for transfer of additional USF non-degree credit hours through the Dean’s Office in the Office of Undergraduate Studies.

Non-degree seeking students who have not enrolled in USF within three terms of admission must file another non-degree application and pay another non-refundable application fee when applying for readmission.

Non-degree-seeking students are subject to the same academic policies as undergraduate degree-seeking students and must adhere to deadline dates published on the Office of the Registrar's webpages (https://www.usf.edu/registrar/calendars/index.aspx). Non-degree seeking students are not eligible to receive University honors or participate in the USF/Florida College System cross-registration program. Non-degree-seeking students also are not eligible to live in University housing or receive financial aid. Non-degree seeking students are subject to the academic probation and dismissal policy listed in this catalog. Non-degree seeking students who are academically dismissed from the University may appeal to the Academic Regulations Committee (ARC) through the ARC representative in the Office of Academic Advocacy (https://www.usf.edu/undergrad/academic-advocacy/).

Potential non-degree seeking students should also refer to the section of the catalog of the college(s) offering the course(s) of interest to them to determine whether any special college requirements exist which must be met prior to enrolling.

Senior Citizen Tuition Fee Waiver

Florida residents who are 60 years of age or older as of registration day, and have lived in Florida for the last 12 consecutive months, may enroll on a space available basis in certain undergraduate and graduate courses without paying fees. For more information, visit https://www.usf.edu/registrar/resources/index.aspx. A parking permit, purchased from Parking Services (https://www.usf.edu/administrative-services/parking/), is required.

The Senior Citizen Tuition Waiver covers a maximum of 12 credit hours per term and is applicable only if the student registers for these courses on the designated registration day. Due to the non-degree seeking status, academic credit is not awarded, examinations are not required, and grades are not assigned. The student's status for that class is an audit, and his/her presence in the classroom is as a listener. For more information see http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-006.pdf (page 5-6).

Senior Citizen registration requests are processed on the sixth day of the term. Students need not be present in order to register; the application and registration worksheet may be submitted by mail, fax, or email. Forms submitted after the registration deadline will not be processed.

Many courses require departmental approval, prerequisites, or have other restrictions which may limit registration. You must acquire the necessary permits in advance of registration on a Senior Citizen Audit Registration Worksheet: https://www.usf.edu/registrar/resources/index.aspx.
Additionally, the permits must be submitted electronically in OASIS by the issuing department ahead of registration.

Students may not pre-register for courses in which they plan to use the Senior Citizen Tuition Fee Waiver. The waiver will not be processed if a senior citizen pre-registers and then submits a Senior Citizen Tuition Waiver application for those courses (https://www.usf.edu/registrar/documents/forms/senior-citizen-tuition-waiver.pdf).

It is the student’s responsibility to complete and submit the waiver application, allowing sufficient time for the application to reach the Office of the Registrar by the registration deadline.
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Office of Student Financial Assistance

University Scholarships & Financial Aid Services
4202 E. Fowler Avenue, SVC 1102
Tampa, FL 33620
(813) 974-4700


USF makes every effort to ensure that all qualified students have access to an education. All student financial aid programs are administered or coordinated through University Scholarships & Financial Aid Services (USFAS).

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

All students wishing to receive financial aid are encouraged to start the financial aid process as early as possible. The first step is to complete and submit the Free Application for Federal Student Aid (FAFSA) online. For more detailed guidance and information, log onto the USFAS website https://www.usf.edu/financial-aid/ or stop by University Scholarships & Financial Aid Services.

USF St, Petersburg
(727) 873-4128
https://www.usfsp.edu/financial-aid/

USF Sarasota-Manatee
(941) 359-4459
http://usfsm.edu/financial-aid/

**Financial Aid**

In addition to finding a wealth of information on the web regarding your financial aid, you can monitor your aid application via OASIS: https://oasis.usf.edu/.

The first step in obtaining financial aid is filing the Free Application for Federal Student Aid (FAFSA) at https://fafsa.ed.gov. Be sure to list the University of South Florida, school code #001537, as a school to receive your information.

Since many programs are funded on a limited basis, it is to your advantage to apply early. Priority application dates and detailed information regarding financial aid are provided each year on the Scholarships and Financial Aid Services’ website. Check out USF’s scholarship information at https://www.usf.edu/financial-aid/scholarships/.

University Scholarships & Financial Aid Services communicates important information regarding aid exclusively via the student’s USF e-mail account. Tuition deferments are automatically posted for qualified financial aid applicants. The deadline for tuition payment can be found at https://www.usf.edu/business-finance/controller/student-services/.

If you withdraw from USF, either officially or unofficially, before the end of a semester, you may be required to repay all or a portion of the aid you received. For detailed information on the Federal Return of Title IV Funds requirement, go to https://www.usf.edu/financial-aid/know-this/withdraw.aspx.

Each USF institution has financial representatives:

- Tampa: (813) 974-4700
- Sarasota-Manatee: (941) 359-4459
- St. Petersburg: (727) 553-4128

If you are outside the calling area, call University Scholarships & Financial Aid Services at 1-877-USF-BULLS.
Financial Aid Application Procedures

The FAFSA can be filed electronically at https://studentaid.ed.gov/sa/fafsa:

- Using the IRS Data Retrieval Tool found within the FAFSA is the most accurate and secure method of providing the required federal tax information.
- Applicants who use the unchanged data generated by the IRS Data Retrieval Tool will not be required to provide federal tax return transcripts from the IRS to the financial aid office.
- Students who are selected for verification who did not use the IRS Data Retrieval Tool, or changed data after using the tool, may be required to submit IRS tax return transcripts to verify tax information.
- Per federal regulations, copies of income tax returns (Form 1040, 1040EZ, etc.) are not acceptable. The only exceptions to this rule include those who file tax returns in Puerto Rico or foreign countries.

Information provided on the Student Aid Report (SAR) should be reviewed thoroughly:

- Review all correspondence, follow instructions on the Student Aid Report (SAR), and follow through within 5 – 10 business days. Delays can be costly as well as frustrating.
- The U. S. Department of Education will select students for a process called verification. If selected, students will be required to provide documents supporting the information submitted on the FAFSA. Subsequent requests for data may be necessary after initial submissions are reviewed. Prompt response to requests will expedite completion of this process.
- Students selected for verification for the 2019-20 aid year are advised to submit all requested documents within ten business days of being notified what requirements are needed. Students should have a completed financial aid file no later than 60 days prior to the beginning of a semester.
- Late or incomplete submission of documents can result in delayed disbursements or possible loss of eligibility for aid.
- Offered federal funds and other need-based financial aid are considered estimates until verification is complete and all necessary corrections have been made.

Student Eligibility Requirements and Conditions for Receiving Financial Aid

2018-19 Financial Aid Terms & Conditions

Your financial aid award offer is based on full-time enrollment and reflects your eligibility based on your grade level, residency status and other program specific criteria at the time of the award offer. If you enroll less than full time, your budget will be reduced to reflect your enrollment status and award amounts adjusted accordingly. Your award amounts may be revised starting 30 days prior to the start of each semester, based on your credit hour enrollment and the length of your courses.

NOTE: If you received an aid offer after these adjustments started in a given semester, your budget and award amounts may already reflect your enrollment.

If you do not enroll in the fall semester, your initial offer is void and you will be re-awarded if you enroll in the spring. This may result in a loss of previously awarded aid funds.

Your eligibility for financial aid funds requires you to satisfy the following terms and conditions:

1. **Enroll as a degree seeking student.**

2. **Meet the specific enrollment requirements** ([https://www.usf.edu/financial-aid/enrollment-status.aspx](https://www.usf.edu/financial-aid/enrollment-status.aspx)) and academic requirements to receive funds for each financial aid program you have been awarded. More information about the requirements for your specific awards is available in OASIS ([https://usfonline.admin.usf.edu/pls/prod/twbkwbis.P_WWWLogin](https://usfonline.admin.usf.edu/pls/prod/twbkwbis.P_WWWLogin)) after you accept these Terms and Conditions.

3. **Report funds** you expect to receive from sources not shown on your award notice to minimize delay in your aid being paid. Examples of such sources include tuition waivers, fellowships, scholarships, veteran’s benefits, or vocational rehabilitation benefits. Notify us immediately via OASIS. Choose ‘Financial Aid,’ then ‘My Award & Loan Information,’ then ‘Resources/Additional Information’ tab. Enter the resource information and submit. Your financial aid offer may need to be reduced and aid repaid.
4. **Attend class.** Attendance is required to receive financial aid (including student loans). If you drop some classes ([https://www.usf.edu/financial-aid/know-this/drop-credits.aspx](https://www.usf.edu/financial-aid/know-this/drop-credits.aspx)), stop attending all classes, or totally withdraw ([https://www.usf.edu/financial-aid/know-this/withdraw.aspx](https://www.usf.edu/financial-aid/know-this/withdraw.aspx)) you may be required to immediately repay some financial aid (including student loans).

5. **Check your financial aid Satisfactory Academic Progress (SAP) status** ([https://www.usf.edu/financial-aid/sap/index.aspx](https://www.usf.edu/financial-aid/sap/index.aspx)) each semester in OASIS. Under the Financial Aid tab, click ’My Award and Loan Information’. Your SAP status each semester must be eligible at your degree level in order to receive funds from most financial aid programs.

6. **Check OASIS** each semester to see that you have satisfied all requirements to receive financial aid. Choose ’Financial Aid,’ then ’My Requirements, Bookstore Authorizations and Deferments.’

7. **Verification** ([https://www.usf.edu/financial-aid/verification/](https://www.usf.edu/financial-aid/verification/)) must be completed and your **FAFSA** ([https://fafsa.ed.gov/](https://fafsa.ed.gov/)) information updated (if required) before your aid can be disbursed. If you do not complete verification promptly when requested, aid previously offered may be cancelled.

### Academic Scholarships

University Scholarships & Financial Aid Services (USFAS) provides prospective and currently enrolled students with a central location to access scholarship information. The office administers the Florida Bright Futures Scholarships, and a variety of privately-funded scholarships made possible through the generosity of friends and alumni of the University. USFAS also manages the scholarship renewal process for students who have been awarded scholarships through the Undergraduate Admissions Office ([https://www.usf.edu/admissions/](https://www.usf.edu/admissions/)). An online search for USF scholarships may be found at: [https://usfweb2.usf.edu/finaid/scholarships/](https://usfweb2.usf.edu/finaid/scholarships/).

The Office of Undergraduate Admissions offers a number of scholarships based on academic merit to students planning to enter USF for the first time as a freshman or upper-level transfer student. These scholarships are highly competitive. The criteria noted for the various scholarships are used as minimum starting points for consideration; meeting or exceeding the minimum requirements will not guarantee selection.

To be considered for **Florida resident** merit-based scholarships from the Office of Admissions, students must submit a complete admissions application by January 15. For additional information about the awarding process, please visit Freshman Scholarship Requirements & Timeline ([https://www.usf.edu/admissions/freshmen/admissions-scholarships/requirements.aspx](https://www.usf.edu/admissions/freshmen/admissions-scholarships/requirements.aspx)). All scholarships are awarded on a funds available basis to students that have been admitted to the Tampa campus. Scholarships are not transferrable to other USF campuses.

For **non-Florida residents**, a limited number of out-of-state tuition waivers are available based on academic performance. See [https://www.usf.edu/admissions/freshmen/admissions-scholarships/nonflorida.aspx](https://www.usf.edu/admissions/freshmen/admissions-scholarships/nonflorida.aspx) for more information.

The individual colleges of the University administer some scholarships directly through the Dean’s Office in each college.

### Financial Aid Dates & Deadlines

- January 1, 2019 – Priority deadline for 2019-20 FAFSA
- February 1, 2019 – 2019-20 Scholarship deadline for Summer/Fall 2019 First Time in College admits
- March 1, 2019 – 2019-20 Scholarship deadline for Summer/Fall 2019 Transfer admits
- April 15, 2019 – 2019-20 Scholarship deadline for continuing students

For a Checklist & Priority Dates, see [https://www.usf.edu/financial-aid/checklist.aspx](https://www.usf.edu/financial-aid/checklist.aspx)
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Student Accounting Services

Office of Student Accounting
Tampa Campus SVC 1039
4202 E. Fowler Ave ALN 147
Tampa, FL 33620
(813) 974-6056
FAX: (813) 974-3618
sfshelp@usf.edu

The Office of Student Accounting is here to serve the students who attend our university by maintaining accurate financial records and communicating with students concerning their accounts. Our department is primarily responsible for: tuition assessment, refund processing, recording of waivers, administration of the Florida Prepaid and third party programs, and daily communication with customers.

Florida Residency Classification for Tuition Purposes

Florida K-20 Education Code, Florida Statutes, section 1009.21 and University Policy/Procedure concerning Florida Residency for tuition purposes

In determining residency classification, students fall into one of two categories:

1. **Independent students** - Students not claimed on parent’s or legal guardian’s federal income tax statement or whose parents do not provide 50 percent or more of their support.

2. **Dependent students** - Students, regardless of age, who are eligible to be claimed as dependents by parent or legal guardian on federal income tax statement or whose parents provide 50% or more of their support.

Rental receipts, leases, employment records, tax returns, school/college records are NOT evidence of establishing a legal Florida residence. Students who are dependent on out-of-state parents or who come to Florida for educational purposes are generally ineligible for reclassification to Florida status. In rare cases, the law allows some students (e.g., military, public school teachers, etc.) who do not meet the basic requirements to be classified as Florida residents for tuition purposes.

The following persons may be considered for Florida residency for tuition purposes: U.S. citizens, lawful permanent residents, permanent resident aliens, or a legal aliens granted indefinite stay by the INS, and non US citizens as permitted by Florida statute. Qualifying independent students or a dependent students’ parents/legal guardians must establish and maintain a legal Florida residence for at least twelve months before the first day of classes of the term for which Florida residency status is sought.

The student is required to provide USF documentation of 12 months legal residence before a student is classified as a Florida resident for tuition purposes. A student is required to submit a Florida Residency Declaration and the documentation required by USF to establish Florida residency for tuition purposes no later than the fifth day of classes in the term for which the initial classification is sought.

The following is acceptable, non-conclusive evidence of the establishment of a legal residence in Florida. Two documents must be dated that they were issued at least 12 months before the first day of classes of the term for which Florida residency is sought for the initial classification.

**Required Documentation**

At least one of the two necessary documents must be from this list:

- Florida Driver’s License
- Florida Voter Registration card
STUDENT TUITION AND FEES

- Florida Vehicle Registration
- State of Florida identification card
- Proof of a permanent Florida home which is occupied as your primary residence
- Proof of a Florida homestead exemption
- Proof of permanent full-time employment in Florida (one or more jobs for at least 30 hours per week for a 12-month period; i.e. official employer letterhead) is required
- Transcripts from a Florida high school for two or more years if the student's Florida high school diploma or GED was earned within the last twelve (12) months

Additional Documentation may include:
- A document evidencing verifiable family ties to a Florida resident, as defined by tuition purposes.
- A declaration of domicile in Florida (the date that the Clerk of Circuit Court notes the declaration was established shall be 12 months prior to the start date for the term in which you are applying for consideration)
- A Florida professional occupational license
- Proof of Florida-based charitable or professional organization membership
- Documents of evidence of Florida incorporation
- Documents supporting the applicant's claim of Florida residence status including, but not limited to, proof of 12 consecutive months of payment of utility bills, a lease agreement or official state, Federal or court documents depicting Florida legal ties
- Documents that demonstrate verifiable family ties to a Florida resident, as defined by Regulation for tuition purposes.

For more information regarding residency for tuition purposes and residency tuition waiver exceptions visit: https://www.usf.edu/registrar/resources/residency.aspx or email residency@usf.edu.

For more information about exceptional categories, contact the Admissions Office (813-974-3350), the Office of the Registrar (813-974-2000), or the Office of the General Counsel (813-974-2131).

Change of Residency Status

Residency for tuition purposes is defined by state law. The University must adhere to the criteria set forth in Florida School Code (SB-20E) Section 1009.21 Florida Statutes (http://www.leg.state.fl.us). This statute applies to all institutions of higher learning in Florida. Staff at the University of South Florida cannot make exception to the rules set forth by the state nor can staff make exceptions based on financial hardship or extenuating circumstances.

The Office of the Registrar (https://www.usf.edu/registrar/) must receive the student's Request for Reclassification and supporting documentation no later than the end of the first week of classes for the term in which they are requesting reclassification. Requests submitted after the deadline will be considered for a future term only. There are no exceptions to the mandated deadline for submission.

Requests to re-evaluate a student's classification in a previous term will not be considered, except in cases of documented University error. If you have questions or concerns about your particular circumstances, contact residency@usf.edu.

Residency Reclassification for Current Students

If you believe you qualify as a Florida resident for tuition purposes, complete the Florida Residency for Tuition Purposes Request, attach copies of supporting documentation, and submit the package no later than the end of the fifth day of classes in the term for which you seek initial or reclassification. Original documentation must be available for review. Additional documentation other than what is described may be required by the University.
A Florida "resident for tuition purposes" is a person who has or a dependent person whose parent or legal guardian has established and maintained legal residence in Florida for at least 12 months. Other persons not meeting the 12-month legal residence requirement may be classified as Florida residents for tuition purposes in Florida only if they fall within one of the limited special categories authorized by the Florida Legislature and the Florida Board of Education. All other persons are ineligible for classification as a Florida "resident for tuition purposes."

IT IS IMPORTANT TO KNOW:

- The following persons may be considered for Florida residency for tuition purposes: U.S. citizens, lawful permanent residents, permanent resident aliens, or a legal aliens granted indefinite stay by the U.S. Department of Homeland Security, and non US citizens as permitted by Florida statute.
- Documents supporting the establishment of legal residence must be dated, issued, or filed 12 months before the first day of classes of the term for which reclassification is sought. All documentation is subject to verification.
- Living in or attending school in Florida will not in itself establish legal residence.
- Students who depend on out-of-state parents for support are presumed to be legal residents of the same state as their parents.
- Residence in Florida must be for the purpose of establishing a permanent home and not merely incident to enrollment at an institution of higher education.

COPIES OF DOCUMENTATION

A copy of you and your parents’ most recent tax transcript or other documentation may be requested to establish dependence/independence.

- **DEPENDENT:** A person for whom 50% or more of his/her support is provided by another as defined by the IRS.
- **INDEPENDENT:** A person who provides more than 50% of his/her support.

A copy of a marriage license is required in all cases of a spouse claiming a partner's residency.

Veterans Benefits

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

How to Apply

Students who may be eligible for benefits are urged to contact the Office of Veterans Success at https://www.usf.edu/student-affairs/veterans/. Once admitted, peer counselors will guide the student veteran through the process of requesting Veterans Educational Benefits through our online Clockworks system. You can contact the Office of Veterans Success at ovs@usf.edu or come by the office at ALN 190 or call 813-974-2291.

Eligibility

To be eligible for full-time VA benefits at USF, undergraduate students must enroll for 12 or more semester hours, and graduate students must enroll for 9 or more semester hours each normal academic term. Additional information for obtaining education benefits can be found at https://www.usf.edu/student-affairs/veterans/admissions/pathway-to-admission.aspx

Out-of-State Waiver

HB 7015-Florida GI Bill, created the "Congressman C.W. Bill Young Tuition Waiver Program." This will waive out-of-state tuition fees for honorably discharged veterans of the U.S. Armed Forces, Reserves, or National Guard who physically reside in Florida while enrolled at an institution in the State University System of Florida. Persons who are entitled to and use educational assistance provided by the United States Department of Veterans Affairs also qualify for this waiver if they physically reside in Florida while enrolled at the University. Tuition and fees charged to a veteran or person who qualifies for the out-of-state fee waiver under this section may not exceed the tuition and fees charged to a resident student enrolled in the same program. Information on requirements and deadlines for the Out-of-State Waiver is found at https://www.usf.edu/student-affairs/veterans/admissions/out-of-state-waiver.aspx. For more information regarding residency for tuition purposes and residency tuition waiver exceptions visit: https://www.usf.edu/registrar/resources/residency.aspx or email residency@usf.edu.
The tuition deferment program for Veterans is set up through USF and the VA. Due to VA payments being delayed at times, a tuition deferment gives the student and the VA an extra 60 days past the start of the semester to pay for a student’s tuition and fees.

See Military and Veterans Success Center (MVSC) under Student Affairs section of the catalog for support for Military Learners.

**Special Populations Waiver**

**Out of State Waiver Eligibility Process:** Bill HB 851-Postsecondary Education Tuition and Fees (https://www.usf.edu/registrar/resources/forms.aspx) allows students, including but not limited to undocumented students who meet certain guidelines, to receive waivers to attend college at Florida resident (in-state) tuition rates. These non-resident students, who do not have sufficient ties to Florida as set forth under Florida School Code (SB-20E) section 1009.21, Florida Statutes, may qualify for an out-of-state tuition waiver.

**Child Protection & Welfare Tuition Exemption:** Section 402.403, Florida Statutes, established the Child Protection and Child Welfare Personnel Tuition Exemption Program for the purpose of recruiting and retaining high-performing individuals who are employed as child protection and child welfare personnel. For those personnel who meet the requirements of the program up to six credit hours of courses per term are exempt from the payment of tuition and fees at an institution in the State University System of Florida.

For more information regarding residency for tuition purposes and residency tuition waiver exceptions visit: https://www.usf.edu/registrar/resources/residency.aspx or email residency@usf.edu.

For more information about exceptional categories, contact the Admissions Office (813-974-3350), the Office of the Registrar (813-974-2000), or the Office of the General Counsel (813-974-2131).

**School Costs and Fees**

Tuition and fees are based on a number of factors, including undergraduate or graduate status, residency and the type of housing chosen. However, even if you live out of state, our costs often competitive with the in-state rates at your local university. The Cost of Attendance charts provide estimated expenses for a full time student based on residency and living arrangements. The amounts are used in awarding financial aid funds. As these are estimates, please note that if you enroll less than full time, the amounts will be reduced to reflect lower costs. Compare costs at https://www.usf.edu/financial-aid/cost-of-attendance/.

**Students Living On-Campus**

<table>
<thead>
<tr>
<th></th>
<th>Full-Time Tuition and fees</th>
<th>Housing/Meals</th>
<th>Books/Supplies</th>
<th>Other Expenses*</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Florida Resident</td>
<td>$6,410</td>
<td>$11,610</td>
<td>$1,200</td>
<td>$4,100</td>
<td>$23,320</td>
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<td>$11,610</td>
<td>$1,200</td>
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**Students Living Off-Campus with Parents**

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<th>Books/Supplies</th>
<th>Other Expenses*</th>
<th>Total</th>
</tr>
</thead>
<tbody>
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## Students Living Off-Campus Not with Parents

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<th>Books/Supplies</th>
<th>Other Expenses*</th>
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<td><strong>Florida Resident</strong></td>
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<td>$9,820</td>
<td>$1,200</td>
<td>$4,100</td>
<td>$32,444</td>
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</tbody>
</table>


### Fees

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

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

1. Admissions Application Fee – (Each application - not refundable) $30.00
2. Non-Degree Application Fee – (Each application - not refundable) $30.00
3. Tuition

Schedule/Fee Statements are not mailed. Tuition is due by the fifth day of each term. Students may view and/or pay their current term fees online by accessing the “Tuition, Fees & Payments” option in OASIS - [https://webauth.usf.edu](https://webauth.usf.edu).

The student is responsible for paying fees in full by the appropriate due date as stated at [https://www.usf.edu/business-finance/controller/student-services/deadline-dates.aspx](https://www.usf.edu/business-finance/controller/student-services/deadline-dates.aspx). Failure to do so may result in cancellation of the student’s registration. Checks are payable to USF.

To avoid a $100.00 late payment fee, all tuition fees must be paid or postmarked by the U.S. Post Office, not office metered, by the fifth day of the term. The University cannot be responsible for lost or misdirected U.S. Mail. A student whose registration has been cancelled may request registration reinstatement through the fourth week of class for the academic term.

Note: All students who successfully petition for reinstatement from financial cancellation due to non-payment will be assessed a $100 late registration fee along with a $100 late payment fee. Upon approval for reinstatement, all fees and other debts owed to the University must be paid in full by cash, money order, check or credit card before reinstatement will be affected.

Current fees are posted on the OASIS website.

1. **Students who only register for a co-op assignment** must pay a minimum of one (1) hour at the level of the co-op assignment.
2. **Tuition Fee Payment** - Access the “Tuition Fees and Payments” option in OASIS at [https://webauth.usf.edu](https://webauth.usf.edu).
3. **Late Registration Fee**
   - All degree seeking students who initiate (i.e., those students who have not enrolled for any courses during early or regular registration) their registration during the late registration period will be automatically assessed a $100.00 late registration fee.
   - All non-degree seeking students who have not registered for any courses by the end of the first week of classes will be automatically assessed a $100.00 late registration fee.
   - All students who successfully petition for late registration into a course or for reinstatement from financial cancellation due to non-payment will be automatically assessed a $100.00 late registration fee.
4. **Financial Aid Disbursement**
Upon satisfaction of eligibility criteria, financial aid will be credited to student accounts after the drop/add period is over. Monies in excess of charges will be electronically deposited to each student’s checking account via eDeposit, or checks will be mailed to student’s local address. Students are encouraged to setup an eDeposit account in OASIS.

5. **Cancellation for Non-Payment of Fees**
Students not on an authorized deferred payment of fees and who have not paid their tuition and fees in full by the applicable bill due date will have their registration for that term cancelled. This means, specifically, that a student will receive no credit for any courses taken during that term.

6. **Intern Certificate of Participation**
Individuals who have supervised interns may register for courses during a term by presenting their intern Certificate of Participation. The Intern Participation Certificate states that certificate holders are entitled to a waiver of **only matriculation fees** for a maximum of six (6) credit hours instruction during a single term. Certificates are valid for three years from the date of issuance.

Fees must be paid or postmarked by the U.S. Post Office (not office meter marked) by the fifth day of the term. The University cannot be responsible for lost or misdirected U.S. Mail.

7. **Employee Tuition Program**
The USF Employee Tuition Program authorizes full-time USF employees who are appointed to established positions, to enroll in USF credit courses, up to six credit hours per semester. Summer terms A, B, and C are all part of one semester. Employees must be appointed prior to the first day of class and is expected to be employed full-time past the end of the semester for which they are enrolled.

8. **Tuition Deferment for VA Students**
Students receiving VA benefits, who have applied in writing no later than the date specified by the Office of Veteran Success, have until the VA deferment bill due date to pay tuition in full. If the application is late, students are not eligible for a deferment and could be dropped from classes and receive late fees.

9. **Florida Prepaid College Program**
Students who are eligible to receive benefits under this program may be responsible for the local fees, differential fees, and other fees depending upon which Florida Prepaid plan they are enrolled in.

10. **Mailed Payments**
To avoid cancellation of registration or a $100.00 Late Payment Fee, all fee payments must be postmarked by the U.S. Post Office (not office metered) by the applicable fee payment deadline.

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

### Payment of Accounts Due to the University

Charges against students for loss or breakage of University equipment, books, fines and other charges are due immediately. Delinquent accounts may be considered sufficient cause for cancellation of registration. University regulations prohibit registration and the release of transcripts and diplomas for any student whose account with the University is delinquent. Delinquent accounts may be turned over to a collection agency and all collection fees including legal fees will be added to the student account balance. Financial aid from a succeeding academic year cannot be used to repay prior academic year debts.

Payments should be made by the appropriate deadline and can be:

- Brought into the Cashier’s Office in the Student Services Building (SVC 1039)
- Mailed to the University of South Florida, P.O. Box 864571, Orlando, FL 32886-4571
- Made online by accessing OASIS
Payment Procedures
Payment must be received or postmarked no later than the fee payment deadlines as specified on the Important Dates & Deadlines page - https://www.usf.edu/registrar/calendars/.

The primary form of payment of most account holders is on-line through OASIS via the myUSF portal. Students can pay using a check or a credit card in this system. Payments cannot be transacted by telephone.

Acceptable Forms of Payment
USF accepts online credit/debit cards or eCheck in your OASIS account, via postal mail by check or money order, or in person by check or cash. For complete details, please visit the University Controller's Office at https://www.usf.edu/business-finance/controller/student-services/cashiers/index.aspx.

If your bill is to be paid by an outside agency (government sponsor or other third-party sponsor), your scholarship agency should notify the University in advance by letter stating the amount and length of time of the award and whom to bill for tuition. Keep the original copy in case the immigration officer at the port-of-entry or the University Cashier’s Office requests it.

- eCheck (recommended) – check payments can be made in OASIS by entering the routing and account number from your checking account paper checks.
  - Benefits: There is no additional cost to pay using this method and payments post immediately.
- Credit Card – MasterCard, American Express, and Discover credit card payments can be made in OASIS. A 2.5% convenience fee will be charged.
- Mailed Check/Money Order – Checks and money orders (with student ID included) can be mailed to the address below. Please allow sufficient time for the checks to be received before the due date:
  - University of South Florida
  - P.O. Box 864571
  - Orlando, FL 32886-4571
- Cashier’s Office – Cash and check payments can be made in the Cashier’s Office in the Student Services Building – SVC 1039

If you have questions regarding charges or payments on your student account or questions about your 1098-T (https://www.usf.edu/business-finance/controller/student-services/accountsreceivable/1098t.aspx) please call 813-974-6056 or email SFSHELP@USF.EDU. You can also visit SVC 1039 on the Tampa campus.

- For questions about your FAFSA or financial aid awards, please contact University Scholarships and Financial Aid Services (https://www.usf.edu/financial-aid/questions/).
- For questions regarding residency, please contact Registrar’s Office at https://www.usf.edu/registrar/resources/residency.aspx.

Location:
Student Service Building,
Tampa Campus SVC 1039
Mail Point: ALN 147

Address:
UCO-Student Accounting
University of South Florida
4202 E. Fowler Ave, ALN 147
Tampa, FL 33620
Other Forms of Payment

Tuition and fees may be partially or completely paid by Financial Aid, Florida Prepaid, tuition waivers, or departmental grants. The student is responsible to pay any amount that is not covered by these types of payments by the applicable due date.

Financial Aid

For details on how financial aid works at USF, visit https://www.usf.edu/financial-aid/know-this/index.aspx.

Due to federal regulations, there are restrictions on what financial aid information can be discuss with students and/or their parents over the phone and via email. Students are now required to present a photo ID when visiting the Financial Aid Office. If a dependent student, the student must have a completed Privacy Release for Dependent Students on file annually in order for financial aid information to be released to parent(s). These restrictions protect the student's personal financial information and assure that only the student has access to the financial aid record.

Florida Prepaid College Plan

The University of South Florida downloads a file from Florida Prepaid and automatically bills for all Florida Prepaid College students with tuition plans that are enrolled for Fall, Spring and/or Summer terms. Dorm plans are billed for students with dorm charges for Fall and Spring terms only. Payment is limited to the maximum amount allowed of the student's available prepaid plan balance.

To determine the student's portion of the fees, use the form at https://www.usf.edu/business-finance/controller/student-services/student-accounting/florida_prepaid_worksheet.pdf. Find the number of hours registered for in the hour's column, and then find the amount under the student's prepaid plan. Subtract the amount that prepaid will cover from the balance of the Fee Assessment on OASIS. The student is responsible for the difference. The amount prepaid is estimated to pay can also be viewed in the memo section of the account summary by term on OASIS. The student's portion of the tuition not covered by Florida Prepaid is due by the Financial Aid deferment deadline of the semester. Payment deadlines can be found at https://www.usf.edu/business-finance/controller/student-services/deadline-dates.aspx

For questions concerning USF procedures or student account, contact the customer service department:

Email: SFShelp@usf.edu
Phone: (813) 974-6056

Florida Bright Futures

The Florida Bright Futures Scholarship Program (https://www.floridastudentfinancialaidsg.org/SAPBFMAIN/SAPBFMAIN) rewards students for their academic achievements during high school by providing funding for them to pursue post-secondary educational and career goals in Florida.

For more information on this program, including details on how to receive funding at USF, visit: https://www.usf.edu/financial-aid/brightfutures/index.aspx.

Homeless Fee Exemption

Florida Statute 1009.25(f)
http://www.leg.state.fl.us/statutes/index.cfm?App_mode=Display_Statute&URL=1000-1099/1009/Sections/1009.25.html

A student who is homeless may be exempt from paying tuition and fees. The statute defines a homeless student as one who "lacks a fixed, regular, and adequate nighttime residence or whose primary nighttime residence is a public or private shelter designed to provide temporary residence for individuals intended to be institutionalized, or a public or private place not designed for, or ordinarily used as, a regular sleeping accommodation for human beings."

If eligible for the homeless exemption, speak with your Case Manager or Homeless Liaison Officer from the shelter or with a case manager from USF Student Outreach and Support (https://www.usf.edu/student-affairs/student-outreach-support). Student Outreach and Support can be reached at (813) 974-6130.
Tuition Waivers

USF may waive tuition and fees as follows:

- Any dependent child of a special risk member killed in the line of duty, per Sections 112.19 and 112.191, Florida Statutes.
- Certain members of active Florida National Guard are entitled to a waiver of tuition and fees pursuant to Section 250.10, Florida Statutes.
- A student enrolled through the Florida Linkage Institutes Program is entitled to a waiver of the non-resident tuition and fees pursuant to Section 288.8175(6), Florida Statutes.
- Intern supervisors for institutions within the State University System may be given one non-transferable certificate (fee waiver) for each full academic term during which the person serves as an intern supervisor, pursuant to 1009.26, Florida Statutes.
- Persons 60 years of age or older who are Florida residents, as provided by Chapter 1009.26, Florida Statutes.
- A student who is or was at the time he or she reached 18 years of age in the custody of the Department of Children and Families or who, after spending at least 6 months in the custody of the department after reaching 16 years of age, was placed in a guardianship by the court. Or a student who is or was at the time he or she reached 18 years of age in the custody of a relative or nonrelative under s. 39.5085 or who was adopted from the Department of Children and Families after May 5, 1997, pursuant to Chapter 1009.25, Florida Statutes.
- Purple Heart recipients pursuant to Chapter 1009.26, Florida Statutes.
- Non-Florida resident fee for qualified students including the Deferred Action for Childhood Arrivals (DACA), as provided by Chapter 1009.26, Florida Statutes.
- Non-Florida resident fee for a veteran; C.W. "Bill" Young Veteran Tuition Waiver, as provided in Chapter 1009.26, Florida Statutes.

Waivers can be brought in person to Tampa Campus SVC 1039 or mailed to:

UCO-Student Accounting
University of South Florida
4202 E. Fowler Ave ALN 147
Tampa, FL 33620

The non-Florida student financial aid fee may not be waived for students receiving an out-of-state tuition and fee waiver.

Third Party Billings

Third party billing is a service offered to outside agencies/companies requesting to be invoiced for a student's tuition and fees. A third party cannot be an individual (i.e. a student's parent). If you are a student and are expecting an outside agency to pay for your tuition and fees, the Student Accounting Office must be provided with an authorization to bill that agency.

An authorization is a written statement, preferably on agency letterhead, giving the University permission to bill that agency. An authorization should contain the following information:

- Billing Address
- Contact person (name, phone number, e-mail)
- Student's full name and U#
- Specific semesters that will be paid
- Specific charges that will be paid

Examples of authorizations include: Vocational Rehabilitation authorizations, financial letters of guarantee, tuition assistance forms, letters of credit, and vouchers.
STUDENT TUITION AND FEES

If your agency does not have a standard letter of authorization, please use the Third Party Billing Agreement Form - https://www.usf.edu/business-finance/controller/student-services/student-accounting/tpb_agreement_form.pdf


QUESTIONS? Email questions related to third party billing to ThirdParty@usf.edu.

Tuition for Senior Citizens

Florida residents 60 years of age or older prior to the first day of classes in the term of registration may enroll on a space available basis in certain undergraduate and graduate courses without paying fees.

Eligible Senior Citizens must supply their registration materials to the Registrar's Office by the 5th business day of the semester. No registrations will be processed on Tampa Campus after the 6th business day of the term. Class registrations affected via OASIS prior to the Senior Citizen Registration date will incur a non-waivable fee liability.

New Senior Citizen students, or who have not enrolled at USF in the past 3 consecutive terms, must provide two forms of state-issued identification (Driver's License; Voter Registration; Vehicle Registration) with their registration materials. The Senior Citizen Tuition Waiver Program is limited to bonafide residents of Florida. Persons shall be considered Florida Residents provided they have resided and held domicile in the state for at least twelve months immediately preceding the first day of classes for the term. This data is validated through state-issued documents.

Senior Citizen students are required to purchase parking permits to park on campus.

Many courses require college/departmental approval, prerequisites or have other restrictions which limit registration. Senior citizen students must acquire any necessary permits in advance of registration by contacting the department offering the course directly.

Senior Citizen students who are enrolled for classes which require their physical presence on campus must complete and submit the Medical History Form. Failure to submit the required documentation will block registration.

State Employee Six-Hours-Free Course Benefit

Admitted USF degree-seeking or non-degree seeking students who are employed by the State of Florida may apply to waive tuition up to a maximum of 6 credit hours (excluding selected directed individual study or research, internship practicum, music & theatre performance, Cooperative education, PACE, lifelong learning, continuing education and correspondence courses).

Tuition waivers are applicable only if the student adheres to the restriction to delay registering at USF until two business days after 5 p.m. before the start of the semester.

State employees must also acquire all necessary employer approvals on the state employee Tuition Waiver Request form. For more information, visit https://www.usf.edu/business-finance/controller/student-services/student-accounting/waivers-state.aspx

State employees, like all other USF students, register via OASIS but only on or after 5 p.m. two business days before the first day of classes each term. For example, state employee students register after 5 p.m. on Thursday preceding the first day of a semester when classes begin on a Monday. Any state employee who registers at any time before the approved this registration start-time and day forfeits eligibility to use the State Employee Tuition Waiver and will be held fully liable for all USF tuition and fees.

*Tuition Waiver Request forms must be completed and returned to the USF Student Accounting Office by the fourth day of class to avoid the $100 Late Payment Fee and potential class cancellation. State of Florida employees, who are not employed by the Florida State University System, will earn taxable income equal to the value of tuition waived for both undergraduate and graduate level courses. Since the value of tuition waived is taxable, it is subject to Federal Income Tax, Social Security and Medicare taxes (FICA), and reported to the Department of Financial Services, Bureau of State Payrolls; each term by the appropriate Division of Human Resources sees that all appropriate taxes are withheld.

Since tuition rates for Florida residents are lower than rates for non-residents, it is important for all state employees utilizing Tuition Waiver Request forms to verify their residency status is correct.
Direct Deposit

1. Tuition is due at the end of the fifth day of classes each term for all students.
2. Financial aid is paid on the sixth day of classes after enrollment is confirmed.
3. If students do not have a tuition deferment or have not paid their bill by the end of the fifth day of classes, their enrollment will be cancelled.
4. Any balance remaining will either be e-deposited to your personal bank account, (Log into OASIS to sign up for E-Deposit) or the Cashier's Office will mail a check to the address listed for the student in OASIS.

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

The following refunds, less deductions for unpaid debts to the University, are authorized. A Refund Request Form (https://www.usf.edu/business-finance/controller/student-services/student-accounting/refund_request.pdf) must be completed and presented to the Cashier's Office, SVC 1039, to initiate the refund process. A two-week waiting period is observed for each refund to be sure checks have cleared.

1. 100 percent of registration fees and tuition will be refunded if notice of withdrawal from the University is approved prior to the end of drop/add period and written documentation is received from the student.
2. 25 percent of registration fees and tuition paid less building and capital improvement fees, will be refunded if notice of withdrawal from all courses from the University is approved prior to the end of the fourth week of classes (summer term is prior to the end of the third week of classes) and written documentation is received from the student.

Fee Adjustment Request After Fifth Day of the Term

One-hundred percent (100%) of tuition and fees will be refunded if, within six (6) months of the end of the semester to which the refund is applicable, a student who has withdrawn or dropped a course completes and files with the Registrar’s office a Fee Adjustment Request Form (https://www.usf.edu/registrar/documents/forms/fee-adjust-form2018.pdf) citing circumstances outside of the student’s control which are confirmed and approved by the Registrar. Circumstances to be considered within this six month period include:

1. Illness of a student of such severity or duration, as confirmed in writing by a physician, to preclude completion of the course(s),
2. Death of the student or death in the immediate family (parent, spouse, child or sibling),
3. Active military duty,
4. University error, or
5. Other documented exceptional circumstances beyond the control of the student which precluded completion of the course(s) accompanied by letter of explanation.

Special requests for an extension of the six (6) month deadline must include specific facts indicating special circumstances which (i) were beyond the control of the student (ii) clearly impaired the student’s physical or mental ability to correct their academic/financial record at the University and (iii) are supported by written explanation and verifiable documentation.

Pursuant to Public Law 102-325, the Higher Education Amendments of 1992, students attending the University for the first time who withdraw are entitled to a pro rata refund of tuition, fees, room and board.

A student who receives financial aid and subsequently changes the enrollment status which results in a refund in accordance with this section, will have the appropriate share of the refund returned to the University’s financial aid programs in accordance with the Financial Aid Policy on Refunds and Repayments.

The University of South Florida will approve a waiver of the Late Payment fee if the student is unable to make payment on time due to circumstances determined by the University to be exceptional and beyond the control of the student. A Late Payment Fee Waiver Request Form (https://www.usf.edu/business-finance/controller/student-services/late_pay_waiver.pdf) may be completed and submitted to the Cashier’s Office, SVC 1039.
Past Due Accounts

The University will cancel the registration of a student whose registration fees have not been paid in full by the
deadline as indicated on the Registrar's Important Dates & Deadlines website
(https://www.usf.edu/registrar/calendars/index.aspx). This means, specifically, that a student will receive no credit for
any courses taken during that term. This includes students that registered for Alternative Calendar courses using
OASIS and courses that start prior to the first week of classes.

If the student is only taking Alternative Calendar courses that were not registered using OASIS and have a start date
after the first week of classes, register after the first week of classes or have an authorized deferred payment of fees,
their registration may not be cancelled.

Late Fees

Late Payment Fees apply to students who do not pay their fees or obtain a full fee deferment by the payment
deadline. The Late Payment Fee is $100 per term.

Late Registration Fees are charged to students who enroll following the close of the regular registration period for the
term, who re-register, or who enroll for the first time during Late Registration and Drop/Add period. The Late
Registration Fee is $100.00 per term.

Both a Late Payment Fee and a Late Registration Fee are charged to students who are dropped for non-payment.

Summer term is divided into sessions, and the late fee is charged per session.

Auditing Privileges and Fees

Only an admitted student may register to audit a course; as an auditor, the student is not allowed to take exams, earn
grades, or receive credit. The student's status for that class is an audit. The student's presence in the classroom is as
a listener, which means an instructor may limit auditing student's participation in class, including class projects and
other interactive, graded or ungraded activities. For more information see, http://regulationspolicies.usf.edu/policies-
and-procedures/pdfs/policy-10-006.pdf.

Audit status may only be obtained at the Office of the Registrar and only during the first five days of the term by filing
a Course Audit Form (https://www.usf.edu/registrar/documents/forms/course-audit-form.pdf). A date-stamped permit
from the college/department where the course is being offered must accompany a Course Audit Form to the Office of
the Registrar. In-state fees are assessed for all audited courses.

Cancellation before First Class Day

Students who do not drop a class via OASIS before the term begins may only cancel their registration by notifying the
Office of the Registrar in writing prior to the first day of classes. For more information: https://www.usf.edu/business-

If fees have already been paid, the student may request a full refund of fees from the Cashier's Office.
Excess Credit Hours Surcharge

BOG Regulation 7.003 (21)
https://www.flbog.edu/documents_regulations/regulations/7_003FeesfinespenaltiesregulationFINAL6_21_12.pdf

USF System Regulation 4.0107
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf4.0107.pdf see item 6

The Excess Credit Hour Surcharge is a state mandated fee that requires universities to add a surcharge to each credit hour that is more than 110% of hours needed for completion of your degree or 132 hours for 120 credit hour degree programs. An Excess Hour Fee shall be assessed to designated undergraduate students pursuant to the provisions of BOG Regulation 7.003(21).

The surcharge is assessed only on the tuition portion of the semester hour cost, not on the fees. The number of total program hours required for the baccalaureate degree will be identified by the student’s declared major. This is typically 120 semester hours, although, some programs have been approved to require more than 120 semester hours.

For further information, visit https://www.usf.edu/registrar/resources.

No institution may waive the excess hours surcharge; the language of the statute is mandatory.

Repeat Course Surcharges

Section 1009.285 of Florida Statutes

A student enrolled in the same undergraduate college-credit course more than twice shall pay tuition at 100 percent of the full cost of instruction and shall not be included in calculations of full-time equivalent enrollments for state funding purposes. However, students who withdraw or fail a class due to extenuating circumstances may be granted an exception only once for each class, provided that approval is granted according to policy established by the Florida College System institution board of trustees or the university board of trustees. Each Florida College System institution and state university may review and reduce fees paid by students due to continued enrollment in a college-credit class on an individual basis contingent upon the student’s financial hardship. For purposes of this section, first-time enrollment in a class shall mean enrollment in a class beginning fall semester 1997, and calculations of the full cost of instruction shall be based on the system wide average of the prior year’s cost of undergraduate programs for the Florida College System institutions and the state universities. Boards of trustees may make exceptions to this section for individualized study, elective coursework, courses that are repeated as a requirement of a major, and courses that are intended as continuing over multiple semesters, excluding the repeat of coursework more than two times to increase grade point average or meet minimum course grade requirements.

The University may grant exceptions to this rule based on extenuating circumstances and financial hardship. However, the University may only approve one appeal per course. The exceptions included in the Statute are extenuating circumstances and financial hardship and are defined as follows:

Extenuating circumstances are those circumstances determined by the University to be exceptional and beyond the control of the student and may include but not be limited to serious illness, death of an immediate family member (parent, step-parents, spouse, child, sibling, or grandparents), orders for active duty; or University error. In all cases, supporting documentation must be submitted with the request for a waiver of this surcharge.

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

For consideration, the student must fill out a Repeat Course Surcharge Waiver (see https://www.usf.edu/registrar/documents/forms/fee-adjust-form2018.pdf) and provide supporting documentation. Submit the completed form with documentation to the Office of the Registrar (https://www.usf.edu/registrar).
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Office of the Registrar

Office of the Registrar
4202 E. Fowler Avenue, SVC 1034
Tampa, FL 33620
(813) 974-2000
asktheregistrar@usf.edu
https://www.usf.edu/registrar

Location: Student Services Building (SVC) 1034

The Office of the Registrar provides student, academic, and administrative services, and is responsible for maintaining each student's academic record from the time of admission through graduation. Staff coordinate registration and drop/add activities, process grades, prepare transcripts, and process graduation applications. Staff also review and act on student requests for reclassification of residency, name changes and other student record information updates.

The Office of the Registrar provides information and services to students in the University’s Online Access Student Information System (OASIS). Using their Net ID and password, students can register and drop/add courses, process address changes, access registration appointment time and hold information, request privacy, view their grades and order transcripts.

Although technology is leveraged to provide better service, staff provide service in-person and via phone and email.

The Office of the Registrar maintains the official academic records for all students and course registrations for currently enrolled students.

Getting Started

NetID and USF e-mail address-- Almost all online activity at USF including MyUSF, Canvas and student email requires your USF NetID. Create a student NetID to activate your official USF student email account (https://netid.usf.edu/una/?display=active)

MyUSF – USF’s Portal (https://my.usf.edu/Pages/Home.aspx) MyUSF is the window to all of your technology needs including access to Canvas.

Canvas – Access Canvas through MyUSF. Canvas is a learning management software that enables you to complete class assignments, read course documents, post discussions, communicate with classmates, and check your grades for each assignment, and access your email. Virtually all professors use Canvas as a way to communicate noteworthy information to their students.

OASIS – Student self-service access via MyUSF. OASIS provides online access to your personal student information and self-service functionality. In OASIS, you can register, pay tuition and fees, and see midterm and final grades.

Network Access

Before you begin using the USF network, your computer or mobile device must be registered. Once registered, you are able to surf the USF network. The following items are needed:

• A valid USF email address
• Computer’s network adapter address (also known as physical address or mac address)
• A non-USF email address
• A valid phone number

For any University technology questions or concerns, contact the Information Technology Help Desk (https://www.usf.edu/it/about-us/helpdesk.aspx) at (813) 974-1222.
Registration Information

Registration for Admitted Degree-Seeking Students

Continuing degree-seeking students may register via OASIS on or after their registration appointment date and time for their next term’s courses. Registration occurs during the preceding term. More information is available at https://www.usf.edu/registrar/register/index.aspx.

Registered students may make course schedule adjustments from the time of their initial registration through the first week of classes. Deadlines for each term are published at: https://www.usf.edu/registrar/calendars/index.aspx.

Degree-seeking students not registered prior to the first day of classes may register late during the drop/add week (first week of classes); a $100.00 late registration fee is charged for not having initiated registration on time. To avoid financial cancellation, fees are due for all registered courses of record on the fifth day of classes (end of drop/add period).

Administrative Holds

A student may be placed on administrative hold by failure to meet obligations to the University. Students with administrative holds may not be allowed to register, receive a diploma, or receive an official transcript. Settlement of financial accounts must be made at the University Cashier’s Office. Each student placed on administrative hold may determine via OASIS which office to contact in order to clear the obligation. For more information, see https://www.usf.edu/undergrad/students/holds.aspx.

Listed below are the common administrative holds and general instructions related to the hold. If the student has a registration hold that is not on this list, they can find more information from their OASIS account.

AA - Mandatory Undergraduate Academic Advising hold. Meet with your academic advisor both Fall and Spring semester to discuss your academic course work for the next semester and clear this hold.

AF - Major Declaration hold for Former Students Returning (FSRs) Meet with your academic advisor to declare a major and clear this registration hold on. All Former Students Returning (FSRs) are required to see their academic advisors before registering for their first semester term back at USF.

AP - Academic Probation hold. See your academic advisor before to start the process of removing this hold.

AR - Academic Records hold. Log in to OASIS to view your admissions record to identify the missing items required. If you need additional assistance, please contact the Office of Admissions (https://www.usf.edu/admissions/).

BC - Returned Check hold. Contact the Cashier’s Office, SVC 1039, (813) 974-6056, regarding this hold.

CC - Cash Collections hold. Log in to OASIS, and review your Check Account Summary by Term; pay the balance to release this hold.

FB - Hold specifically for College of the Arts (https://www.usf.edu/arts/), FAH 110, 813-974-2301.

IM/MH - Immunization Records hold. Submit your immunization information and paperwork to Student Health Services (https://www.usf.edu/student-affairs/student-health-services/), SHS 100, 813-974-2331.

IT - Academic Integrity hold. To resolve this hold, first check your Canvas dashboard to ensure completion of all 5 online modules associated with the Academic Integrity online tutorial. This hold will prevent registration. Contact the Undergraduate Studies Dean’s Office at acadintegrity@usf.edu.


MJ - Major Declaration hold. You must declare a major after registering for the 36th semester hour. If you received the MJ hold because you did not meet the requirements for a limited access major, you must declare a new major. Visit the Office of Academic Advocacy to meet with an academic advisor to discuss major options (https://www.usf.edu/undergrad/academic-advocacy/) in SVC 2043, 813-974-2645.
OS is a Special Services hold. For instructions, please contact the Student Support Services (https://www.usf.edu/undergrad/academic-advocacy), SVC 2011, 813-974-4301.

OY - Hold preventing registration after an FF grade has been assigned, and will only be lifted after the student completes an in-person RAISE tutorial at Testing Services at https://www.usf.edu/testing-services/index.aspx (which requires payment).


PT - Hold specifically for Freshman Summer Institute (FSI) students. Contact the FSI office (https://www.usf.edu/summer/) regarding this hold. SVC2011, 813-974-4227.

SD - Student Discipline hold. See the Office of Student Rights and Responsibilities (https://www.usf.edu/student-affairs/student-rights-responsibilities/), ALA 109, 813-974-9443.

SF - Another type of Student Discipline hold. See the Office of Student Rights and Responsibilities (https://www.usf.edu/student-affairs/student-rights-responsibilities/index.aspx), ALA 109, 813-974-9443. This hold does not prevent you from ordering your official transcript.

SI - Student Health Insurance hold. For more information, contact Student Health Services (https://www.usf.edu/student-affairs/student-health-services/), 813-974-2331.

**Late Registration**


All eligible students* attempting to register for the first time after active registration ends must:

1. Obtain approval from the authorized college/department Academic Regulations Committee.
2. Have the registration processed at the Office of the Registrar (https://www.usf.edu/registrar/), SVC 1034.

*An eligible student must be:

1. A continuing USF student,
2. A new student admitted late, or
3. A late readmitted former student returning after three or more semesters.

**Late Payment of Fees**

All degree-seeking students who wait to initiate or attempt registration for the first time during the Late Registration (Drop/Add period) will be automatically assessed a $100.00 late registration fee.

All non-degree seeking students who have not registered for any courses by the end of Late Registration (Drop/Add period) will automatically be assessed a $100.00 late registration fee.

Any students who successfully petition for late registration or reinstatement following financial cancellation will be automatically assessed a $100.00 late registration fee.

Requests to waive the $100 late registration fee must be submitted to the Office of the Registrar using the Late Registration Fee Waiver Request form (https://www.usf.edu/registrar/documents/forms/late-reg-fee-waiver.pdf).

**Waiver of Late Fees**

USF will approve a waiver of the Late Payment fee if the student is unable to make payment on time due to circumstances determined by the University to be exceptional and beyond the control of the student. Requests for a waiver must meet one of the conditions listed below to be considered:

- University error which precludes timely payment of registration fees. A supporting email from an appropriate USF official’s USF email or letter on University letterhead and signed by an appropriate University official or an appropriate official University document must be included with your petition.
Extraordinary circumstances such as severe illness, death of an immediate family member (parent, step-parent, spouse, child, sibling or grandparent), or call to active duty that precludes timely payment of registration fees. Appropriate documentation (note from physician, copy of military orders, etc.) must be included with your petition.

If you have any questions, contact the Cashier's Office at 813-974-6056.

Return the completed and signed petition form (https://www.usf.edu/business-finance/controller/student-services/late_pay_waiver.pdf) and all relevant documentation to SVC 1039. You can also email your packet to sfscommittee@usf.edu or send via mail:

Student Financial Services
University of South Florida
4202 E. Fowler Ave, ALN 147
Tampa, FL 33620

Course Information

Course Load/Maximum Hours

A normal enrollment for undergraduates is defined as 15 credit hours per semester. With academic advisor approval, students are allowed to take a maximum number of 18 credit hours per semester in Fall and Spring and 14 credit hours in the Summer session.

Students may request an exemption to the maximum amount of credit hours allowed per semester through their academic advisor.

Course Prerequisites/Corequisites

A prerequisite is a course in which credit must be earned prior to enrollment in another course. A corequisite is a course that must be taken concurrently with another course. A concurrent prerequisite may be taken either prior to or at the same time (concurrently) as another course.

It is the student’s responsibility to review prerequisite and corequisite information as stated in the course description. Non-degree students should contact the academic department for permission to enter any course that requires a prerequisite or corequisite. USF reserves the right to drop a student who does not meet the course requisites from the appropriate course. A student whose registration is cancelled will receive an email notification from the Office of the Registrar to the student's USF email account.

Courses Outside Degree Programs

Unless otherwise stipulated by external accreditation agreements, students whose academic programs require courses in other disciplines shall be given the same access to those courses as students in those majors.

Directed Independent Study

Students who wish to study or do research under the direction of a faculty member for topics or areas not detailed in regularly scheduled courses may make arrangements for such study as a directed independent study. Credit hours and requirements are determined by the director of the study.

Registration requires the approval of the faculty member who will supervise the study and the department chair, in addition to the completion of the USF Contract for Independent Study & Directed Research. Each College and/or Department has their own form; students should contact their Academic Advisor for more information.

Directed studies are available for approved subject area prefixes and levels and are designated by the last three digits of the course number. For example, ARH 4905 designates a senior level directed independent study in Art History.
STUDENT REGISTRATION AND RECORDS

UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

Adds

After a student has completed registration on the date assigned, the student may continue to add more courses until the fifth day of classes, otherwise known as the end of drop/add period outline on the Office of the Registrar’s webpages: https://www.usf.edu/registrar/calendars/index.aspx.

For undergraduate students requesting that certain University policies be waived through the Academic Regulations Committee (ARC) petition process, this process can be used to late add a course after the add/drop deadline, limited to second week of classes. Waivers received after the second week of classes will not be processed.

ARC petitions are reviewed by Colleges. Contact and submit relevant documentation to the ARC representative in the College of your declared major. It is the student’s responsibility to obtain, complete and submit all documentation required by this process. Incomplete petitions will not be considered.

The process and forms are available on the ARC website (https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/index.aspx). The forms below are required.

- Instructor's Documentation Form (https://www.usf.edu/undergrad/documents/usf-arc-instructors-documentation-form.pdf)

Drops

A student may drop courses during the drop/add period. Dropped courses not to appear on the student's transcript. No tuition or fees will be assessed for courses dropped by the fifth day of classes.

To avoid fee liability and academic penalty, the student is responsible for dropping all undesired courses by the end of the Drop/Add period specified at https://www.usf.edu/registrar/calendars/. Students are required to attend the first class meeting of courses for which they registered prior to the first day of the term.

Although the University has a mandatory first day attendance policy and faculty may drop students from courses, it is students' sole responsibility to ensure they drop to avoid fee liability. A faculty member's failure to exercise the right to drop a student for failure to attend the first day is NOT University error and is not justification for a refund.

Withdrawals

A student may withdraw from courses between the second and tenth week of the semester; these weeks are different for courses in Summer session and alternative calendars. See the Office of the Registrar's webpages for more information (https://www.usf.edu/registrar/calendars/index.aspx).

Tuition and fees will not be refunded for any course withdrawals, and the student's academic record will reflect a “W” grade for each course withdrawal. Under specific conditions, consideration for refund of tuition and fees for course withdrawals may be requested using a Fee Adjustment Request form (https://www.usf.edu/registrar/documents/forms/fee-adjust-form.pdf) accompanied by supporting documentation. Submit a Fee Adjustment Request form to the Office of the Registrar (https://www.usf.edu/registrar/index.aspx) within six months from the end of the applicable term. Students who withdraw may not continue to attend class.

All undergraduate students will be limited to a total of five course withdrawals while enrolled as a degree-seeking or a non-degree seeking undergraduate student. The five course withdrawals will be limited to three course withdrawals for students with less than 60 semester credit hours, and two course withdrawals for students with more than or equal to 60 semester credit hours. Only in extenuating circumstances will approval be granted for more than five course withdrawals. Appeals for additional course withdrawals due to extenuating circumstances must be submitted to the Academic Regulations Committee in the college of the student's academic major.

Students should be mindful of the Excess Hour Surcharge Policy when requesting late adds or late withdrawals. See http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf4.0102.pdf.

All undergraduate students enrolled in graduate-level courses will be limited to a total of two course withdrawals while enrolled as a degree-seeking or non-degree seeking student taking graduate courses at USF. Only in extenuating circumstances will approval be granted for more than two course withdrawals. To withdraw from a graduate course after the drop period, submit an ARC Petition (https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/) to the College of your major.
**Individual Class Withdrawal**

A student who withdraws may receive a grade of "W" up until the posted deadline to withdraw without academic penalty each semester. Summer semester is comprised of three sessions; each session during Summer semester has a separate deadline to withdraw without academic penalty.

Students withdrawals from individual courses are enacted self-service via OASIS after the end of Drop/Add; beginning the sixth day of classes each semester. To enact a total withdrawal, submit a Withdrawal Application to the Office of the Registrar (https://www.usf.edu/registrar/). To be eligible for a 25% refund of registration fees and tuition paid, less building and capital improvement fees, total withdrawals must be requested before the end of the fourth week of Spring or Fall semester (end of the third week in Summer term).

A student who receives financial aid and withdraws or drops courses that result in a refund will have all financial aid grants, scholarships and student loans reimbursed by any refund until those programs are paid in full; this does not include private loans. For more information, visit www.usf.edu/finaid.

Courses from which a student successfully withdraws will reflect a "W" grade on the student's academic transcript.

**Withdrawals for Active Duty Military**

Any student enrolled in a college credit course shall not incur academic or financial penalties by virtue of performing military service on behalf of our country. Except in cases where the student and faculty member agree that completion is imminent and possible, the University encourages withdrawal and possible eligible refund without academic penalty when a student is performing military service. If the course is no longer offered when the student seeks to resume study, an equivalent course may be selected. If the student chooses to withdraw, the student’s record shall reflect that the withdrawal is due to active military service.

The provisions of this section shall apply to:

1. Students who are currently on active duty with any unit of the United States Armed Forces who receive orders that require reassignment to a different duty station or absence from class for an extended period of time during the semester in which they are enrolled; and
2. Students who are members of a National Guard, Air National Guard, or other military reserve unit who receive orders calling them to active duty for operational or training purposes during the semester in which they are enrolled, excluding any regularly scheduled weekend and annual training duty; and
3. Students who are veterans of the United States Armed Forces and who are recalled to active duty during the semester in which they are enrolled; and
4. Students who enlist in any branch of the United States Armed Forces and whose induction date falls within the semester in which they are enrolled.

Contact the Office of Veteran Success (https://www.usf.edu/student-affairs/veterans/) for assistance at ALN 130 or (813) 974-2291.

**Appeal for Retroactive Withdrawal**

USF System Policy 10-006 Registration Changes Including Course Change, Cancelations, Withdrawals, and Auditing

A student who has an unexpected life event or other extenuating circumstances during a term may request an exception to USF’s dates and deadlines. A retroactive withdrawal may be requested whenever there are circumstances beyond the student’s control, which make it impossible to complete a course. To initiate the appeal process, the student must submit a Petition to the Academic Regulations Committee.

The Academic Regulations Committee (ARC) Petition process occurs at the college level. Students engaging in this process should contact and submit the relevant documentation to the ARC representative in the college of their declared major. It is the student's responsibility to obtain, complete and submit all required documentation required; incomplete petitions will not be considered.

Students should be mindful of the Excess Hour Surcharge Policy (http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf4.0102.pdf) when requesting late adds or late withdrawals.
Petitions may be approved if the ARC determines that you experienced extenuating circumstances beyond your control of such severity that the physical or mental ability to drop by the drop deadline was impaired. Such circumstances need to be supported by independent, objective and verifiable documentation. Petitions should be submitted as soon as possible in accordance with action requested and within six months of the end of the semester during which the petitionable event occurred. If a petition is submitted outside of that timeframe, it is critical to explain the reason and provide documentation for the delayed request.

All submitted documentation is subject to verification. Submission of false, forged or fraudulent information will result in a referral to the Office of Student Rights and Responsibilities.

When possible, the student is responsible for ensuring that all applicable courses are dropped or withdrawn from before beginning this process. See Instructions:

1. Complete Part 1 of the ARC Petition with (https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/forms.aspx)

2. Complete Part 2; be sure to indicate the year and term for which you are petitioning. Petitions are limited to one term per petition. Requests for multiple terms (Fall and Spring semester and Summer session) require multiple petitions. Check the appropriate box to indicate whether you are petitioning for a "Late Withdrawal," "Total Withdrawal," or "Withdrawal Limit Exception." Ensure that you complete information in Part 2 for each course included in your petition.

3. Students requesting for withdrawals for medical reasons do not typically need to include instructor documentation forms with their petition, but you should be prepared to obtain these forms if requested by your college's ARC. If requested, for all courses included in your petition, complete Parts 1 and 2 of the Instructor's Documentation form with your information, and have the course instructor fill out Part 3, sign the form and return it to you. If the instructor has left the University, the student may seek assistance from the applicable Department Chairperson.

4. If you are petitioning for a Late Withdrawal, Total Withdrawal or Withdrawal Limit Exception for medical reasons, complete Part 1 of the Medical Documentation Form (PDF), and have Part 2 completed by your physician. The Medical Documentation Form should be returned in a sealed envelope from the physician's office (see instructions on form).

5. All petition requests should be accompanied by a personal statement detailing the nature of your request, and a clear statement of why you feel that you should be granted the requested exception. This statement should include what happened and when it happened, with relevant dates included. You should also include any supporting documentation that can substantiate the claims made in your personal statement.
   a. If you are petitioning to withdraw from select courses in a semester, yet keep other courses, you will need to explicitly address why your situation impacted only those courses to be dropped and not the others.
   b. If you stop attending class and have no documentation addressing what prevented a timely withdrawal from the class, your petition will be denied.

6. Ensure that ALL forms are filled out completely with all the relevant information for your petition type, and that all the proper signatures are obtained. Submit original copies of all the completed forms, your personal statement, and any supporting documentation to the ARC representative in the college of your major (see listing of ARC representatives on the ARC Petition form). Retain copies for your own records.

7. Decisions regarding ARC petitions can be expected within two weeks of submission, if the ARC package is complete.

8. Approved petitions for medical withdrawals will result in a "WC" grade for all applicable courses; "WC" grades denote withdrawals for extenuating circumstances. ARC decisions do not affect fee liability. Students must complete a Fee Adjustment Request through the Office of the Registrar to address fee liability.

9. ARC petition decisions by the College ARC may be appealed to the next level in the college. Final appeals to the college decision can be made to the Office of Undergraduate Studies (https://www.usf.edu/undergrad/) in SVC 2002, (813) 974-4051.
Student Records and Transcripts

Student Academic Records and Transcripts

Students’ academic records, including official transcripts, are maintained by the Office of the Registrar and protected under the Family Educational Rights and Privacy Act of 1974 (FERPA). See http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf2.0021.pdf.

Students may request an official transcript electronically through OASIS or via paper form. See https://www.usf.edu/registrar/resources/transcript.aspx for more information transcript requests and student records.

Education Record

USF System Regulation 2.0021
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf2.0021.pdf

The policies and procedures outlined in this Regulation are designed to implement the provisions of the Family Educational Rights and Privacy Act ["FERPA," 20 U. S. C. s.1232g] and Sections 1002.225 and 1006.52, Florida Statutes pursuant to which the University of South Florida (USF) is obligated to inform students and parents of their rights to review and inspect education records, to challenge and seek to amend education records, to control disclosure of education records, and to contact the Family Policy Compliance Office for concerns regarding alleged violations of FERPA or to the appropriate court for violations of privacy if applicable. USF has placed the responsibility for administration of this Regulation with the University Registrar.

The student’s USF education record shall not be changed after the student has graduated.

Student Records Policy

Pursuant to the provisions of the Family Educational Rights and Privacy Act (FERPA; 20 USC Par. 1232g), 34 CFR Par. 99.1 et seq, Florida Statutes Sub. Par. 1002.22 and 1006.52 and USF Regulation 2.0021, Florida Administrative Code, students have the right to:

1. Inspect and review their education records
2. Privacy in their education records
3. Challenge the accuracy of their education records
4. Report violations to the FERPA Office, Department of Education, 400 Madison Avenue, SW, Washington, D.C. 20202 and/or bring actions in Florida Circuit Court for violations of USF Regulation 2.0021, Florida Administrative Code.
5. Copies of the University’s student records policy, USF Rule 6C4-2.0021, may be obtained from:

   University Registrar
   Office of the Registrar
   4202 East Fowler Avenue, SVC 1034
   Tampa, Florida 33620

   USF Agency Clerk
   Office of the General Counsel
   4202 East Fowler Avenue, CGS 301
   Tampa, Florida 33620
Release of Student Information

USF System Regulation 2.0021
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf2.0021.pdf

The Family Educational Rights and Privacy Act of 1974 (FERPA) helps protect the privacy of student education records. See USF System Regulation 2.0021 - Student Records (http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf2.0021.pdf) for complete explanation of how USF protects the privacy of student education records.

Students must inform the Office of the Registrar if they wish to limit the disclosure of their education records by changing their privacy status (https://www.usf.edu/registrar/resources/privacy.aspx.) Such requests must be received within the first two weeks of the semester and will remain in effect until the student changes their status.

Confidentiality Policy

In the interest of openness and building trust with our students, USF affords students the right to limit data usage and sharing of their information, without having to request non-disclosure of directory information under the Family Education Rights and Privacy Act (FERPA). Pursuant to the requirements of FERPA, the following types of information designated by law as “directory information” can be released, if the student has not requested privacy or non-disclosure:

- The student's name
- The student’s major field of study
- The student's participation in officially recognized activities and sports
- The weight and height of members of athletic teams
- The student's dates of attendance, part-time or full-time status, and degrees and awards received
- The student's photographic image independent of any additional personal identifiers

All other student data is considered to be protected. For more information, see http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf2.0021.pdf.

Students must notify the Office of the Registrar in writing if they refuse to permit the University to:

1. Include their information and other designated elements in the online student directory.
2. Release directory information about themselves to any third party. Such notification must be received by the Office of the Registrar no later than the end of the second week of classes of the academic term or the student will be deemed to have waived his/her right of refusal until the next academic term. To request confidentiality, go to https://www.usf.edu/registrar/resources/privacy.aspx.

Student Information Changes

Notifications regarding changes to name, residency, and citizenship should be filed promptly using the appropriate form(s) accompanied by verifiable supporting legal documentation with the Office of the Registrar (https://www.usf.edu/registrar). Change of local, permanent, and emergency contact addresses; name; or other information affecting the student’s permanent academic record may be completed by currently enrolled students by using selecting the appropriate form at https://www.usf.edu/registrar/resources/forms.aspx.

Changes of address may also be completed via OASIS at https://oasis.usf.edu/.

Transcript Request

Transcripts may be released only by authorization of the student. In OASIS, visit the Student tab and select “Student Records” to order a transcript online. Additional ordering options and information are available at https://www.usf.edu/registrar/resources/transcript.aspx. The student must have no hold or financial obligation preventing release of the transcript. NOTE: All holds preventing release of a transcript must be resolved within 30 days of the request, or the order will be cancelled.

Students may also request copies of their official USF transcripts by completing the Transcript Request form (https://www.usf.edu/registrar/documents/forms/transcript-request-form.pdf). By law, a request must include the student’s signature and date.
Transcripts may be requested in person Monday - Friday, between the hours of 9:00 a.m. - 4:30 p.m. During non-peak periods, transcripts are normally mailed/ready for pick-up within the same day the request is received.

Explain any special instructions such as “hold for your degree to be posted,” “hold for your current term grades to be posted,” or “hold for a grade change to be processed.” Degrees post to transcripts approximately six weeks after Commencement. If you are currently enrolled, term grades are posted approximately one week after the end of term. See https://www.usf.edu/registrar/calendars/index.aspx for exact date. Check to see if all grades are in OASIS by selecting “Student Records” and “Final Grades” on the Student tab.

To order a transcript by mail, send $10.00 per copy payment by check or money order and the Transcript Request form to:

Office of the Registrar
4202 E. Fowler Avenue, SVC 1034
Tampa, FL 33620-6950

To request a transcript in person, bring $10.00 per copy payment and the Transcript Request form to a USF Cashier's Office or pay online via OASIS.

Official transcripts for students who previously attended New College of USF or participated in the M.D. program of the College of Medicine must be requested directly from those institutions:

New College of Florida
Office of Records and Registration
5800 Bay Shore Road, Building D-115
Sarasota, FL 34243-2109

USF College of Medicine
Office of the Registrar
12901 Bruce B. Downs Blvd., MDC 32
Tampa, FL 33612-3742
# ACADEMIC POLICIES AND PROCEDURES

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

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

General Course Policies

Academic Credit Hours

USF Policy 10-065 Credit Hours
http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-065.pdf

I. PURPOSE & INTENT
Academic credit provides the basis for quantifying the amount of engaged learning time expected of a typical student enrolled in traditional classroom settings, laboratories, studios, internships and other forms of experiential learning, and distance and Correspondence Education.

This Policy is intended to ensure that all credit-bearing courses and programs offered by the University of South Florida System (USF System) meet the requirements of the Federal definition of a credit hour and the Credit Hours Policy Statement issued by the SACSCOC.

II. STATEMENT OF POLICY
Credit hours are a measure of learning, and support a wide range of activities, including the transfer of students from one institution to another, awarding financial aid, and credentialing for employment. Because of the significance of awarding credit hours, an institution is obligated to ensure that credit hours for courses and programs conform to the commonly accepted standards of higher education, as stated in the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) Federal Requirements 4.9 (Definition of Credit Hour) and the SACSCOC Credit Hours Policy Statement.

In determining the maximum number of credits that may be assigned to a course, the following guidelines apply.

- For courses taught in a “traditional” classroom format in a 15-week semester, the maximum number of credits to be assigned is limited to the weekly number of 50-minute contact periods (or their equivalent) with the instructor. Underlying this statement is an assumption that each 50-minute contact period requires a minimum additional two hours of student work outside of the class involving reading, exercises, etc. Where this assumption does not hold true (as may be the case with some laboratories, for example), then the maximum number of credits may be significantly less than the weekly number of 50-minute contact periods.
For a lecture class, one unit is considered to be one hour of lecture class time and two hours per week of homework. For the typical three-unit class, a student spends three hours per week in class and should do six hours per week of homework. The total number of class contact hours per semester equals the credit hours multiplied by 15 weeks.

For a laboratory class, the hours per week are considered to be all in class with no outside assignments. Thus, one unit is three hours per week of laboratory time.

Where a course includes “by arrangement lab hours,” these generally take the place of the hours assigned to homework, since the student is required to use supervised college facilities to do assignments related to homework. An example might be a 3-unit lecture course which requires the student also to work two hours per week in the computer lab. There would be only four hours per week of additional homework required.

In all cases, but particularly in cases such as online learning where seat time is non-verifiable, credit hours are awarded on the basis of documented student learning outcomes that reflect the amount of academically engaged time for a typical student in a traditional format, and on the basis of documentation of the amount and type of work a typical student is expected to complete within a specified period of academically engaged time. The number of credit hours awarded is based on the number and/or rigor of student learning outcomes, with the higher number of credit hours awarded yielding greater number and/or rigor of outcomes.

**Academic Learning Compacts**

In accordance with the Board of Governors Policy Guideline PG 05.02.15, each baccalaureate program develops and implements “Academic Learning Compacts.” The Academic Learning Compacts include concise statements of what program graduates will know and be able to do (i.e., the expected core student learning outcomes). Each Academic Learning Compacts includes the following components:

- Identifies the expected core student learning outcomes for program graduates in the areas of:
  - Content/discipline knowledge and skills
  - Communication skills
  - Critical Thinking skills

**USF System Policy 10-060 Academic Learning Compacts & Student Learning Outcomes**

http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-060.pdf

Student learning outcomes at the University of South Florida are designed for the formative evaluation of programs. They are also a means of gauging the quality of education independent of traditional seat time. Every academic and administrative program at each USF System institution must have an active assessment plan on file in the institutional assessment management system. All undergraduate academic programs must meet the requirements of BOG Regulation 8.016, Academic Learning Compacts. This Regulation requires the ongoing assessment of critical thinking skills, communication skills, and content/discipline knowledge and skills. Institutions may have Academic Learning Compacts (ALC) requirements beyond these three content areas.

Furthermore, in cases where academic programs are delivered in non-traditional modes (off-campus sites, on-line programs, distance/correspondence, etc.) student learning outcomes are to be used as the basis for awarding credit hours to courses. USF System has a specific Policy on Credit Hours which can be accessed at http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-065.pdf.

**Semester System**

USF operates on a semester system. Fall semester begins in August 2018 and Spring semester begins in January 2019. Summer sessions begin in May and July 2019. See the Important Dates & Deadlines at https://www.usf.edu/registrar/calendars/index.aspx.

**Academic Load**

The maximum load of an undergraduate student is 18 hours (Fall & Spring semesters) and 14 hours (Summer Term), unless approval is received from the dean or an authorized representative of the student’s college. Students classified in the Exploratory Curriculum Major receive approval from the Office of Academic Advocacy (https://www.usf.edu/undergrad/academic-advocacy/).
In the Fall or Spring Semester, 12 hours is the minimum load for a student to be considered as full-time.

Full-time Undergraduate Student Definition - Summer Term

- Sessions “A” & “B” (6 weeks)
- For Academic purposes: 6 hours or more each session
- For Financial Aid purposes: must enroll for 12 hours (undergraduate) in any combination of Sessions “A”, “B”, and “C”

Session “C” (10 weeks)
- For Academic purposes: 9 hours or more
- For Financial Aid purposes: must enroll for 12 hours (undergraduate) in any combination of Sessions “A”, “B”, and “C”

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

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

Availability of Courses

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

Class Standing

The classification of a degree-seeking student is based upon the number of semester hours earned. A student’s class is determined by the number of credits they have earned without relation to their GPA.

- Unclassified: Non-degree-seeking student
- Freshman: 0 through 29 semester hours passed
- Sophomore: 30 through 59 semester hours passed
- Junior: 60 through 89 semester hours passed
- Senior: 90 or more semester hours passed; however, no baccalaureate degree earned at USF
- Post Baccalaureate: Baccalaureate degree-holder working on a second undergraduate program or degree

Academic Programs and Progression

Student’s Choice of Catalog

USF System Catalogs - USF System Regulations 10-059
http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-059.pdf

I. PURPOSE & INTENT

University of South Florida System (USF System) institutions publish undergraduate and graduate catalogs on each campus. Catalogs are not contracts, but are the source of general information including the USF System, its campuses, community, curricular offerings, degree and admission requirements, academic calendar, and facilities available to students, faculty and staff.

II. STATEMENT OF POLICY

The USF System member institutions reserve the right to change or modify academic requirements, course information, and curricula as authorized by the USF Board of Trustees, Florida Board of Governors or Florida law. Revisions to catalogs will not alter provisions, terms, fees, or requirements under existing University regulations or policies.
The catalogs are revised each academic year according to each respective institution’s faculty council decisions. The catalogs will be updated without notice as degree programs or curricula changes are approved by the appropriate USF System authority, the Florida Board of Governors or Florida law.

In the event of conflict between any provisions in the catalogs and any USF System regulations or policies, the document most currently revised or adopted by the USF Board of Trustees shall prevail.

A degree-seeking student may choose any USF catalog (of the institution in which they are enrolled) published during his/her continuous enrollment. As degree-seeking students will be enrolled over the course of several terms, the catalogs may change. In the event of a conflict, to the extent possible, the University will make every effort to apply the appropriate catalog that protects the interest of the student. However, in the case of policy and program changes, or issues of accreditation and legislative changes, the most current catalog will be applied, if necessary.

The catalogs are published solely on-line at the respective USF institution’s website.

- USF Tampa Undergraduate Catalog - http://ugs.usf.edu/catalogs.php
- USF Tampa Graduate Catalog - http://www.grad.usf.edu/catalog.php
- USF St. Petersburg Undergraduate & Graduate Catalog - http://www.usfsp.edu/catalog/
- USF St. Petersburg Graduate Catalog - http://www.usfsp.edu/catalog/
- USF Sarasota-Manatee Undergraduate & Graduate Catalog - http://usfsm.edu/catalog/

### Continuous Enrollment

Continuous enrollment is defined as enrolling as a degree seeking student at least one term each twelve month period. Therefore, students cannot choose a USF catalog published prior to or during an academic year in which they did not maintain continuous enrollment. Each catalog is considered to be published during the academic year printed on the title page.

If a student does not maintain continuous enrollment, the student becomes inactive and must reapply.

If the student cannot meet all of the graduation requirements specified in the catalog of their choice due to decisions and policy changes by the University, course offerings, etc., appropriate substitutions will be determined by the department chairperson of the student’s major.

USF’s policies are subject to change and apply to all students regardless of their choice of catalog. If the student’s graduation requirements are affected by changes in University policies, appropriate arrangements will be made to not penalize the student.

### Transient Enrollment

The Office of Admissions will determine the acceptability of transfer credits for continuing, degree-seeking students who take courses at regionally-accredited institutions. However, prior written approval must be obtained from the college of the student’s major if these credits are to be applicable to the USF degree program. A properly-executed Transient Student form should be used.

For more information, visit: https://www.usf.edu/undergrad/academic-processes/transient-and-cross-enrollment.aspx

### Degree Program

A degree program is an organized curriculum leading to a degree in an area of study recognized as an academic discipline by the higher education community as demonstrated by assignment of a Classification of Instructional Programs (CIP) code by the National Center for Educational Statistics.

Each degree program shall have a designated faculty effort and instructional resources, and shall include at least one program major, by may have multiple majors. Each degree program is approved at only one degree level.
Change of Institution

The University of South Florida System consists of three separately accredited institutions - USF, USF St. Petersburg and USF Sarasota/Manatee. Each Institution has unique polices as well as unique degree and residency requirements. Please note these differences may impact a student's timeline to graduation.

The USF System Change of Institution Form and Procedures provide a process when a student wishes to change from one USF institution to another. Please see http://ugs.usf.edu/system/change-of-institution/process-procedures.php for the form and process for each University of South Florida institution. Students will need to print the Change of Institution form and meet with an Academic Advisor.

- Student's Responsibility:
  - Prints the USF System Change of Institution Request Form from the Undergraduate Studies' website.
  - Completes, signs and submits the completed form, as per the instructions.
  - Meets with major advisor from the new USF Institution to verify eligibility to enter the College and major.
  - Submits completed form to the new USF Institution academic advisor.

- If the College representative or academic advisor approves the change, the signed form is submitted to the Undergraduate Studies Dean's Office email account: ugs-dean@usf.edu by the College representative or academic advisor. Once approved by the Dean, the form will be sent back to the College representative or academic advisor for processing and notification to the student.

- Changes will be made for the current academic semester and there may be tuition and fee differences at the new USF Institution. These fees may be assessed immediately when switched to the new institution.

- Student will be notified via email once the institution change is made.

Note: The IT hold for Academic Integrity will appear when a student's institution changes to USF Tampa. Students will be enrolled in the Academic Integrity tutorial in Canvas. It takes about an hour to complete the tutorial (there are 5 online modules). Once the tutorial is completed, students need to click the CONGRATULATIONS link after the 5th module in order to remove the IT hold. Students can contact acadintegrity@usf.edu for more information.

College Policies for Academic Progress

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

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

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

Academic Major

USF System Regulation 3.038
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.038.pdf

A major is an organized curriculum offered within a degree program. A major shall be reasonably associated with the academic discipline within the degree program under which it is offered and shall share common core courses with any other majors within the same degree program. The major is the student's primary field of study. Although in some cases the major and the degree program names are synonymous, only the degree program shall be assigned a CIP Code and shall be included in the State University System Academic Degree Program Inventory. The number of credit hours for a major for each degree level shall be established by the USF System member institution in accordance with State regulations and SACSCOC minimum requirements. The degree program majors are coded within the student information system (SIS) and are recorded on both the transcript and the diploma.
An accelerated program allows highly qualified undergraduate students to complete a bachelor's degree and a master's degree in a select few majors on an accelerated timeline. These programs commonly offer a shorter duration to completion of both degrees. Students complete a portion of the required graduate coursework while classified as an undergraduate student and have the coursework count towards both degrees. As soon as the student completes the undergraduate degree requirements, the student is converted to graduate student status, where the remaining graduate requirements are fulfilled. A list of approved accelerated programs within the Honors College can be found at https://www.usf.edu/honors/accelerated-programs/accelerated.aspx.

Declaration or Change of Major

It is advantageous for students to make early decisions about their major, to be on track and to remain on-track toward their degrees and to graduate in a timely manner. With 96 Majors, 75 Minors, 137 Concentrations, and 29 Certificates to choose from, USF allows students considerable options in their early course choices. Students are encouraged to declare a major upon entry to the University. If they are unable to select or declare a major formally or a pre-major, they should follow the exploratory curriculum that best matches their interests.

First Time in College (FTIC) students must be officially declared in a major or a pre-major before they register for more than 36 credits, including credit earned via Advanced Placement, International Baccalaureate, or Dual Enrollment coursework. See https://www.usf.edu/admissions/freshmen/admission-information/requirements-deadlines.aspx and click on GPA & Test Requirements. Students will not be allowed to register for further credit coursework at the University until they have declared a major or pre-major.

Transfer students should declare their majors upon entry to the University. Transfer students with 60 or more semester hours must declare a major and will not be allowed to register for further credit coursework at the University until they have declared a major or a pre-major.

Many resources are made available by the University to assist students in making career decisions and choosing their majors. The process for Changing a Major is the same as Declaring a Major. Students are encouraged to visit with their academic advisor and to visit Career Services at https://www.usf.edu/career-services/

Double Majors & Concurrent Degrees Declaration

USF System Policy 10-505 Degree Progression and Completion Deadlines for Undergraduate Students http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-505.pdf

PURPOSE & INTENT

The University of South Florida (USF) is committed to facilitating undergraduate students through their academic progress to degree. This Policy is intended to guide students to on-time degree completion without earned excess credit hours as defined by the state of Florida in §1001.92, F.S., §1001.7065, F.S. and §1009.286, F.S.

STATEMENT OF POLICY

1. Students who have completed all degree requirements will be required to graduate within four years. If a student does not submit the Online Graduation Application for Degree when academic records indicate all degree requirements for the declared major have been met based on the university degree audit system, the University will initiate the degree certification process without an application.

2. Any curricular or co-curricular work added to a student’s declared primary major must be completed prior to or during the same academic term that the student’s major requirements are completed. Students should be approved to pursue additional curricular and/or co-curricular work only if it can be completed within eight semesters for first time in college (FTIC) students, excluding summer and alternative calendar terms, and without exceeding her/his excess credit hour surcharge (ECHS) threshold. Transfer students should complete in eight semesters accounting for prior post-secondary enrollment, excluding summer and alternative calendar terms. Examples of this work include, but are not limited to: minors, double majors, concurrent degrees, the Honors program, study abroad experiences, and/or work-based learning (e.g., co-ops, internships, etc.). Access to the Excess Hour Counter is available on the Office of the Registrar’s website (https://www.usf.edu/registrar/).
3. FTIC or transfer students who have 120 earned credit hours or more will not be allowed to enroll in courses that are not required for completion of the declared primary major based on the university degree audit system. Exceptions are provided for students in baccalaureate degree programs with prior approval from the Board of Governors to require more than 120 credit hours for completion. Students in those programs will not be allowed to enroll in courses outside of their major requirements once the approved credit hour threshold for the major has been reached.

Academic Minor

USF System Regulation 03.038
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.038.pdf

An academic minor is an optional complement to a bachelor’s degree in a particular field, leading to specific educational goals. It requires approximately one-half the upper-level credits required for a major in that field. The department may require the same admission or retention standards as required for the major.

A student may declare a minor at any point during the first term of enrollment and thereafter as a degree-seeking student, but is expected to declare it as early as possible but prior to applying for graduation. Students should obtain prior approval with the specific requirements and forms from the college and department in which the minor is offered. Minors are recorded on the transcript and the diploma.

Each academic minor conforms to these University requirements:

1. A minor is a minimum of 12 semester hours.
2. Students must complete a minimum of 6 credits and two courses exclusive to the minor that will not count toward the student’s major or other minors. These credits/courses must be completed at USF.
3. USF coursework for a minor must have a minimum GPA of 2.00; some minors have higher minimum GPA requirements.
4. Only an undergraduate, degree-seeking student at USF is eligible for a minor.
5. A minor can be applied for and awarded only in conjunction with applying for and receiving a baccalaureate degree.
6. A maximum of 3 credits of S/U coursework may be counted toward the minor.

Concentration

USF System Regulation 03.038
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.038.pdf

A concentration is any organized set of courses that is offered as part of a major and enhances or complements the degree program to be awarded in a manner which leads to specific educational or occupational goals, and/or from different disciplines that provide an interdisciplinary focus. Concentrations are defined by the University with the credit-hour length set in accordance with University policy, except that the number of credit hours shall not equal or exceed the number of credit hours established for a major at the same degree level. Each concentration is recorded on the transcript but are not on the diploma.

Each undergraduate concentration conforms to these University requirements:

1. At least 50 percent of the required coursework must be earned from the USF institution awarding the concentration.
2. USF coursework for a concentration must have a minimum GPA of 2.00; some majors/concentrations have higher minimum GPA requirements.
3. Only an undergraduate, degree-seeking student at USF is eligible to pursue a concentration.
4. A concentration can be applied for and received only in conjunction with applying for and receiving a baccalaureate degree.

For more information, see USF 3.007 Degree Requirements: Baccalaureate/Undergraduate
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.007.pdf
Track, Specialization, Cluster, etc.

USF System Regulation 03.038
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.038.pdf

A Track, Specialization, Cluster, etc. is an area of study within a major or concentration that is less formal and not tracked in the student’s record or on the diploma.

Undergraduate Certificate

USF System Regulation 03.038
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.038.pdf

A certificate is an organized set of courses offered as a distinct area of study that leads to specific educational or occupational goals. Certificates may consist of courses that are part of a major or courses that are created outside of a major. The number of credit hours for a certificate shall be set by the each of the USF System member institutions. Certificates are optional and students are urged to declare a certificate as early as possible. Students should obtain prior approval with the specific requirements and forms from the college and department in which the certificate is offered. Certificates may be certified at any time during the student’s undergraduate career. Certificates are recorded on the transcript. A certificate of completion is awarded, not a diploma.

Each undergraduate certificate conforms to these University requirements:

1. Students must be admitted as undergraduate, degree seeking or non-degree seeking to be eligible to receive an undergraduate certificate.
2. A minimum of 12 semester hours of credit used to satisfy the requirements of a certificate must be from USF courses; at least 50 percent of the required coursework must be earned from the institution awarding the certificate.
3. USF coursework for a certificate must have a minimum GPA of 2.00; some undergraduate certificates have higher minimum GPA requirements.

Two Degrees (USF Students)

A student at USF may receive two baccalaureate degrees provided they meet University graduation requirements for both degrees. In addition to the minimum 120 semester credit hours that apply toward the first degree, the student must also earn at least a minimum of 30 semester credit hours in USF undergraduate courses that will apply toward the second degree. The student must also meet the requirements of the college awarding the degree and the residency requirement as degree-seeking students of the home institution within 10 semesters of the first degree’s starting date. While independent notification of intent to earn co-degrees (concurrent) may be made to each department or college at entry into the university, the student will need to formally declare the co-degrees (concurrent) to Undergraduate Studies (https://www.usf.edu/undergrad/) after earning at least 45 credit hours but no more than 95 credit hours (excluding accelerated credits). In those cases when two different USF colleges are conferring degrees, the student should maintain status as a continuing student and both colleges should be informed of the student’s progress toward degree completion before the student applies for graduation from either college.

In declaring a second degree, the student should consider the Excess Credit Hour Surcharge (https://www.usf.edu/registrar/resources/excess-hours/index.aspx) required by the state for excess credit hours beyond the official limit. Both degrees will be awarded in the same term at the completion of the degrees.

Second Baccalaureate Degree (Transfer Students)

A student who has already graduated from an accredited four-year institution must earn a minimum of an additional 30 semester hours of USF undergraduate courses to apply toward their second baccalaureate degree. Students must also meet the University’s regular graduation requirements, as well as the requirements of the College awarding the degree and the residency requirements. Students should meet with their Academic Advisor to review graduation requirements (https://www.usf.edu/undergrad/students/advising-offices.aspx).
Availability of a Baccalaureate Degree for Students Enrolled in or Graduated from a Five-Year Master’s Program

A student may enroll in a baccalaureate degree program while enrolled in or after graduation from a five-year Master’s degree program. In consultation with an advisor in the five-year program and an advisor in the baccalaureate-level program and with the approval of the College dean(s) offering the program(s), the student is required to complete the following:

1. Satisfy degree requirements for the five-year Master’s program.
2. Satisfy requirements for the baccalaureate-level program.

Course Attendance and General Classroom Policies

Course Attendance at First Class Meeting

USF System Policy 10-006 Registration Changes Including Course Change, Cancelations, Withdrawals, and Auditing

All instructors teaching undergraduate and graduate courses are required to take attendance on the first day of class and to drop students who do not attend the first day of class. Students who experience extenuating circumstances that are beyond their control and who are unable to attend a first class meeting must notify the instructor via email using the course management system (i.e., Canvas) for that course prior to the first class meeting to request waiver of the first class attendance requirement. Although Instructors are authorized to affect the drop, students are fundamentally responsible for knowing their registration status, and the student must insure that his/her registration status reflects the drop by the end of the drop/add period. For Saturday only courses or courses that begin on a Saturday, students are expected to contact the Registrar’s Office on their respective USF campus to drop the course(s).

USF’s distance learning students must log-in to their course(s) during the first five (5) weekdays from the calendar start date of their online course(s). Students who are unable to log-in to their course(s) due to circumstances beyond their control must notify the instructor or the department prior to the calendar start date of the course to request waiver of the first class attendance requirement.

Course Syllabus

USF System Policy - Syllabi Policy 11-008
http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-11-008.pdf

A syllabus is an academic agreement that establishes the academic relationship between instructors and students in a course, used as the basis for communication and accountability. It communicates course expectations, organizes information, sets the tone for the learning environment, maps the path of student learning, and provides accountability. A carefully constructed syllabus helps clarify course goals and learning objectives, assessment and evaluation standards, grading policies, and expectations for student and faculty behavior.

The Southern Association of Colleges and Schools Criteria for Accreditation require that a syllabus be placed on file in the department for each course taught and that students must be provided written information about the goals and requirements of each course, the nature of the course content, and the methods of evaluation to be employed.

For more information about the components of a course syllabus, visit https://www.usf.edu/atle/teaching/syllabus.aspx.

For the Statement of Policy, see http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-11-008.pdf.
I. PURPOSE & INTENT
As part of the education and learning experience, enrolled students routinely take course lecture notes. With the permission of the instructor, students may record lectures as well. Lecture notes and recordings involve the intellectual property rights of instructors and the University of South Florida's (USF) regulation of the commercial use of such notes or recordings. This policy sets forth limitations on, and the USF’s regulation of the use of notes and recordings.

II. STATEMENT OF POLICY
A. Students may take notes during class sessions and, with the permission of the instructor or as authorized by the Students with Disabilities Services (https://www.usf.edu/student-affairs/student-disabilities-services/) and with the instructor’s knowledge, make a recording of the lecture/presentation. Such notes and recordings may be used for individual or group study, or for other noncommercial purposes reasonably arising from the student's enrollment.

B. Notes, recordings, handouts and other material provided by the instructor cannot be exchanged or distributed for commercial purposes or for any purpose not related to a student's study or enrollment absent the express written authorization of the instructor.

C. Selling or distributing notes, handouts, etc. without authorization or using them for any commercial purpose without the express written permission of USF and the instructor is a violation of the USF Student Code of Conduct - USF System Regulation 6.0021 (https://www.usf.edu/honors/accelerated-programs/accelerated.aspx).

D. Commercial Activities on the USF Campus: USF Regulation 6.026 (http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf6.026.pdf) concerning distribution of material and solicitation on campus, prohibit commercial activity on campus with certain expressly enumerated exceptions. Unless authorized by USF in advance and explicitly permitted by the instructor, the sale or taking of class notes and/or recordings constitutes unauthorized commercial activity in violation of the foregoing regulation.

General Attendance
Students are expected to attend classes. An academic program or individual instructor may require a specified level of attendance as a condition for successfully completing a course. Likewise, instructors may assign a portion of final course grades based on attendance and participation. Faculty must inform students of attendance requirements on syllabi.

Instructors should accommodate excused absences by making arrangements with students ahead of time (when possible) or by providing a reasonable amount of time to make up missed work. Arranging to make up missed work is the responsibility of the student. For graded work that requires participation in situ (e.g., discussions, group activities, and some labs), instructors will attempt to provide reasonable alternatives that accomplish the same learning outcomes. Nevertheless, an instructor may determine that missing a certain amount of participation-dependent activities (whether excused or not) precludes successful accomplishment of learning outcomes. In cases like this, instructors, academic advisors, or academic deans may advise students to withdraw from such courses. In cases where excused absences are anticipated in advance, advice on successful accomplishment of learning outcomes can be given at (or before) the start of a term.

There are two categories of excused absences for which accommodations will be made:

- **Scheduled absences** involve time conflicts that are known in advance, for which students have notified their instructors. Acceptable reasons for scheduled absences include observation of religious holy days, court-imposed legal obligations (e.g., jury duty and subpoenas), special requirements of other courses and University-sponsored events (e.g., performances, athletic events, judging trips), and requirements of military service. Employment schedules, athletic training and practice schedules, and personal appointments are not valid reasons for scheduled absences.

- **Unscheduled absences** involve unforeseen emergencies such as illness, injury, hospitalization, deaths in the immediate family, consequences of severe weather, and other crises. Students should contact instructors as soon as possible in these cases. Instructors may require documentation or verification to excuse unscheduled absences.
Care will be given to schedule required classes and examinations in view of customarily observed religious holy days. No student shall be compelled to attend class or sit for an examination at a day or time prohibited by his or her religious belief.

Any student who believes they have been treated unfairly with regard to the above may seek review of a complaint through Office of Diversity, Inclusion and Equal Opportunity (https://www.usf.edu/diversity/equal-opportunity/index.aspx).

**Procedures for Excused Absences and Make-up Work**

Students must notify their instructors of scheduled absences (for approved reasons as noted above) at the beginning of each academic term. Pointing out specific conflicts with scheduled examinations or other scheduled assignments/activities should be part of this notification. In the event of an emergency unscheduled absence (as described above), students must contact their instructors as soon as possible and provide documentation if required.

If an excused absence coincides with an examination, the student:

1. Will be given a reasonable opportunity to make up the exam, or
2. Will not have that work averaged into the student’s grade, as agreed to between the student and the instructor.

Counting the missed examination as a lowest score to be dropped at the end of the term does not constitute a reasonable opportunity. If an excused absence coincides with other graded work (e.g., homework collection, quizzes, presentations, activities, etc.), the student shall be given a reasonable opportunity to make up such work or shall not have that work averaged into the student’s grade, at the discretion of the instructor.

As noted above, however, an instructor may determine that excessive absences (whether excused or not) may threaten or preclude a student’s successful completion of a course. Similarly, making up work for unexcused absences may be allowed or declined entirely at the discretion of the instructor.

**Documented Jury Duty**

The University respects the need for all citizens to serve on a jury when called to duty. If a student serves as a juror, class absences will be considered excused when the student provides advance notice to the instructor, the instructor acknowledges the request, and the student provides written verification of jury selection and proof of service.

Any potential student juror may notify the court of conflicts or undue hardship and request an excuse from service. The individual student must make the decision as to whether jury service will present an undue hardship and then take the affirmative action to request to be excused from service and may need to provide a written explanation to the court. If a student does not request to be excused and is selected to serve, the student may miss a prolonged period of time resulting in the inability to complete the academic requirements of classes.

**Documented Medical Attention for Illness**

Students are excused for absences due to documented illnesses that require medical attention. While students should not attend class with infectious conditions, even if medical attention is not sought, the decision to excuse absences from undocumented illnesses is at the discretion of the individual instructor. Consideration should also be given to students whose dependent children experience serious illness. Extended illnesses may interfere with the successful completion of courses, and in such cases a student should contact his or her College by the deadline to drop a course. After the drop deadline, students may submit an Academic Regulations Committee (ARC) Petition to drop or withdraw for medical reasons (https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/index.aspx). Students may find additional information through their College ARC representative.

**Alternative Academic Process for Seriously Traumatized Students**

An alternative academic process is provided for those seriously traumatized students who have received assistance from the Center for Victim Advocacy and Violence Prevention (https://www.usf.edu/student-affairs/victim-advocacy/index.aspx) or the Counseling Center (https://www.usf.edu/student-affairs/counseling-center/) or Student Health Services (https://www.usf.edu/student-affairs/student-health-services/services/index.aspx) when the professionals of those centers have reviewed the personal and confidential information related to the student’s experience to determine appropriate actions for the student.
The USF Center for Victim Advocacy and Violence Prevention, the Counseling Center and Student Health Services will assist in determining appropriate actions, including waiving certain academic regulations to accommodate the student’s needs. The appropriate center will send the student petition - with the recommended action - to the Associate Dean of Undergraduate Studies (https://www.usf.edu/undergrad/) who will assist with the process after reviewing the request.

**Medical Amnesty (Student Reporting)**

The University of South Florida System (USF System) supports an inclusive learning environment that promotes the health and safety of all members of the University community.

This Medical Amnesty Policy (http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-30-004.pdf) seeks to diminish fear of University-imposed disciplinary or conduct sanctions in emergency situations due to alcohol or other drug use or misuse.

Any student who qualifies for amnesty under this policy will not be charged with violations of any of the University System Student Codes of Conduct as those Codes relate to consumption and/or use of alcohol and/or drugs. Under this Policy, students who seek or receive emergency medical assistance for themselves or students who seek assistance for another student experiencing an emergency related to the consumption of alcohol and/or other drug use or misuse may qualify for amnesty. Although students who qualify for amnesty may be exempt from the Student Conduct (http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf6.0021.pdf) process, they may be required to complete educational measures and pay for any incurred cost associated with those requirements.

**Early Notification of Instructor Requirement for University Sponsored Activities**

The University recognizes the importance of participation in University-sponsored activities such as musical and theatrical performances, athletic competition, and debate. It also recognizes that such participation may result in conflicts with scheduled class times. It is the responsibility of participating students to provide a full list of anticipated conflicting days to instructors by the end of the first week of the term, and directors and advisors of University activity programs have an obligation to assist students with this task. Students are responsible for identifying potential absences specific to a particular class and notifying individual instructors of these conflicts, especially for conflicts with scheduled examinations.

Please note that a general schedule for a team or ensemble does not satisfy this notification requirement. Students should provide instructors with addenda (e.g., end-of-season tournaments, newly scheduled events, or rescheduled events) that result in new conflicts as soon as they are available. Directors and advisors of University activity programs should consult with participating students prior to registration to help them choose courses that do not have excessive anticipated conflicts.

**Early Notification Requirement for Observed Religious Days**

USF System Policy 10-045
http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-045.pdf

**STATEMENT OF POLICY**

All students, faculty, and staff within the USF System have a right to expect reasonable accommodation of their religious observances, practices and beliefs.

The USF System will, at the beginning of each academic term, provide written notice of the class schedule and formal examination periods. The USF System, through its faculty, will make every attempt to schedule required classes and examinations in view of customarily observed religious holidays of those religious groups or communities comprising the USF System’s constituency.

Students are expected to attend classes and take examinations as determined by the USF System. No student shall be compelled to attend class or sit for an examination at a day or time prohibited by his or her religious belief. However, students should review the course requirements and meeting days and times to avoid foreseeable conflicts, as excessive absences in a given term may prevent a student from completing the academic requirements of a specific course.
Students are expected to notify their instructors at the beginning of each academic term if they intend to be absent for a class or announced examination, in accordance with this Policy. Students absent for religious reasons, as noticed to the instructor at the beginning of each academic term, will be given reasonable opportunities to make up any work missed. In the event that a student is absent for religious reasons on a day when the instructor collects work for purposes of grading (homework, pop quiz, etc.), the student shall be given a reasonable opportunity to make up such work or shall not have that work averaged into the student's grade at the discretion of the instructor.

If a student believes that an instructor or program has not responded reasonably to a timely notice of expected observance of religious days, they may seek review of a complaint through the University’s Office of Diversity, Inclusion, and Equal Opportunity at https://www.usf.edu/diversity/forms/index.aspx.

Final Examinations

USF SYSTEM POLICY 10-005 - Testing and Final Examinations
http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-005.pdf

Examinations in academic subjects are, for most courses, an integral part of the learning process and one part of a procedure for evaluating student performance and determining grades. The University of South Florida System (USF System) requires certain standards for the examination process in order to protect the academic integrity of courses and the best interests of both the student and instructor. Although this policy primarily addresses examinations for undergraduate courses, graduate courses with final exams during the examination week should follow the schedule for exams that is provided with the course schedule for that academic term.

Testing in General

In each academic course the student is expected to undergo a meaningful testing and evaluation that will reveal the student's intellectual growth in the subject matter covered or otherwise reflect the achievement of the course objectives.

The instructor has the responsibility of maintaining a fair and impartial testing and examination procedure, has the right to define and structure the testing process, and shall not be restricted as to form, style, or content of the examination. It is the policy of the USF System that all students facing an examination (of any type) shall have equal notice of said examination. The USF System regards the routine use of all or part of the same formal examination for successive academic terms as unsound policy except when used with adequate safeguards such as a random selection of questions from a large pool.

Final Course Examinations

The last six (6) days of the Fall and Spring semesters shall be set aside for final examinations and any final examination of a comprehensive nature must be given during this designated period. The period of two hours shall be allotted for each final examination.

1. Exceptions to Final Course Exam: Take-home final examinations, papers, projects, practicums, and competency examinations are exceptions to the above rule and may be scheduled for completion at any time at the discretion of the instructor.

2. Final Exam Matrix: The Final Exam Matrix for the Tampa Main Campus (Matrix) is designated to facilitate a conflict free schedule for greater student success in the exam process. All Tampa Main Campus courses must comply to the Matrix as it is published with no deviations. All make-up exams, either for block exams or the individual exams will be scheduled during the time period allotted for students that require a make-up exam.

3. Conflicts: If a student has a direct conflict of scheduled examinations that are scheduled according to the Final Exam Matrix or the exam schedule available at a USF System Institution, the student may petition the appropriate instructor to reschedule one of the student's examinations. If a student has three or more examinations scheduled on the same day, the student may petition the appropriate instructor to reschedule one of the student's examinations, or the student may elect to take all exams on the same day. If a make-up exam is requested, it will be scheduled during the make-up exam time as posted on the Final Exam Matrix.

Reading Days

The two instructional days of the Fall and Spring semester are designated Reading Days for all courses including semester length distance learning courses. Alternate calendar courses may not include designated Reading Days and students electing to take those courses should refer to their syllabus or instructor direction. For more information, see http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-005.pdf (p. 2, item B). See Important Dates & Deadlines for designated Reading Days (https://www.usf.edu/registrar/calendars/).
Academic Regulations Committee

Certain academic regulations for the University are managed by the Academic Regulations Committee (ARC) within each college. For specific information, please see https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/. Each college’s ARC regularly reviews petitions submitted by undergraduate students. Undergraduate students must petition and secure approval from their college’s ARC to return to the University after having been academically dismissed or to receive special consideration regarding an academic regulation, including late or retroactive drop of a course, late registration or late add of a course, deletion of a course, and withdrawal from a term. The ARC representatives or designees in each college meet with the student, assist with the petition process, and serve on their college’s ARC. Representatives from the college ARC’s also meet formally to review ARC policies and procedures for the University.

Each college’s ARC will reexamine petitions when the student provides new and substantive information directly related to the petition or evidence that an error was made. A final ARC decision may be appealed first through the appropriate college Dean or designee within ten business days of the initial decision. Then the Dean of Undergraduate Studies (or the Designee) may hear an appeal.

The University has implemented a statute of limitations on student petitions for retroactive drops and withdrawals. A student will be limited to two calendar years (six academic terms) to submit a petition to their college for retroactive drops and withdrawals; late adds must be requested no later than the second week of the term.

If a student is requesting consideration for financial reimbursement, the student must also submit a Fee Adjustment Request (https://www.usf.edu/registrar/documents/forms/fee-adjust-form.pdf) to the Office of the Registrar within six months of the applicable semester end date and following final petition decision.

To petition the committee, completed forms should be submitted to the respective College Advising Office for ARC review. In some cases, a consultation with an ARC representative is required. Students may contact their ARC representative for details regarding their submission. Detailed information and the appropriate forms may be obtained by visiting the ARC’s website (https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/). Students will receive notification of the committee’s decision by mail/email.

Academic Integrity of Students

Academic Integrity of Students - USF System Regulation 3.027
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.027.pdf

PURPOSE & INTENT
Academic integrity is the foundation of the University of South Florida System’s (USF System) commitment to the academic honesty and personal integrity of its university community. Academic integrity is grounded in certain fundamental values, which include honesty, respect and fairness. Broadly defined, academic honesty is the completion of all academic endeavors and claims of scholarly knowledge as representative of one’s own efforts. Knowledge and maintenance of the academic standards of honesty and integrity as set forth by the university are the responsibility of the entire academic community, including the instructional faculty, staff and students. The final decision on an academic integrity violation and related academic sanction at any USF System member institution shall affect and be applied to the academic status of the student throughout the USF System, unless otherwise determined by the independently accredited institution.

STATEMENT OF REGULATION
This Regulation asserts fairness in that it requires notice to any student accused of a violation of academic integrity and provides a directive for discussion between the instructor and student to seek a fair and equitable resolution. If a fair resolution is not accomplished in this discussion, this Regulation allows the student continued rights of due process.

As this Regulation contemplates several levels of administrative or academic review, students are advised to direct emails only to the single designated office identified as responsible for the current level of review. Student’s failure to adhere to this directive or ignoring specific directives provided by an administrator such as the emailing all levels of administration, multiple parties not directly involved, or tangentially involved offices may be interpreted as a waiver of the review/appeal process and a failure to follow university directives.

As the university has both Offices of Undergraduate (https://www.usf.edu/undergrad/) and Graduate Studies (https://www.grad.usf.edu/) with different standards for academic integrity, it is important to reference Section V(D).

For more information, please see the Office of General Counsel Regulations and Policies website http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.027.pdf.
Academic Integrity Tutorial

The Academic Integrity Tutorial is a requirement for all who enroll as a degree-seeking student at USF, whether they are First Time In College (FTIC) or a Transfer student. The purpose of the tutorial is to prepare each new USF student for his/her academic work at USF and beyond with basic understanding about the need for integrity in all areas of scholarship and research. It also informs students about the Academic Integrity Policy at USF.

If a student does not pass or complete the tutorial, an IT hold will be placed on the student’s account for the next semester’s registration period. Every new USF student and all Change of Institution students must complete the AI Tutorial before classes begin and achieve an 80% passing rate. Students may take it as many times as needed to pass it.

To complete the tutorial - Go to Canvas and use your USF NetID and password to log in. Choose “Academic Integrity Tutorial” from your Courses list.

- There are 5 online modules.
- It takes about an hour to complete all 5 modules.
- Click the CONGRATULATIONS link at the end of the 5th module to remove the IT hold on your record.

QUESTIONS: Contact academicintegrity@usf.edu
VIEW FAQs: https://www.usf.edu/ethics/documents/academic-integrity-tutorial.pdf
VIEW ACADEMIC INTEGRITY VIDEO: https://www.youtube.com/watch?v=MFrpTeQ0K2c&feature=youtu.be

Academic Grievance Procedures for Students

Academic Grievance Procedure for Students - USF System Policy 10-002
http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-002.pdf

PURPOSE & INTENT
The purpose of this Policy is to provide all undergraduate and graduate students taking courses within the USF System an opportunity for objective review of facts and events pertinent to the cause of the academic grievance.

STATEMENT OF POLICY
Review of the facts and events pertinent to the cause of the academic grievance will be accomplished in a collegial, non-judicial atmosphere rather than an adversarial one, and shall allow the parties involved to participate. All parties will be expected to act in a professional and civil manner. These guidelines are meant to govern all colleges (exclusive of the MD and DPT programs within the College of Medicine and the College of Pharmacy to the extent they maintain procedures and processes for issues regarding professionalism). However, USF System institutions may have unique titles and specific administrative levels. Accordingly, each institution shall determine the appropriate levels and titles for review at the time a student initiates an appeal ensuring that if it is determined the matter is an academic grievance there is at least one committee level review and recommendation to an administrator to accept or reject.

In the case of Academic Integrity violations, the appeal or grievance of a decision or academic action regarding Academic Integrity is contained in Academic Integrity of Students, USF System Policy 3.027 (http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.027.pdf).

For more information, please see the Office of General Counsel Regulations and Policies website http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-002.pdf.
Disruption of Academic Process

USF System Regulation 3.025

PURPOSE & INTENT
Disruptive students in the academic setting hinder the educational process. Although disruptive student conduct is already prohibited by the University of South Florida System (USF System) Student Code of Conduct and any person may make a direct referral regarding student conduct to the Office of Student Rights and Responsibilities (OSRR) (https://www.usf.edu/student-affairs/student-rights-responsibilities/index.aspx) at any time for a conduct review and possible university wide sanction. This Academic Disruption Regulation provides the steps an Instructor may take to immediately address a student disrupting a class or academic setting including restricting a student from class, assigning an academic sanction or other immediate sanction. This is considered an Academic process and provides for academic sanctions. An Instructor may/must make additional referrals to OSSR for a more comprehensive review and additional conduct sanctions which are considered separate from the Academic process.

STATEMENT OF REGULATION
This Regulation provides a mechanism for the Instructor to ensure a positive academic environment. Although academic discussion may include disagreement with the course Instructor during times when the Instructor permits discussion, it is not in itself disruptive behavior and is not prohibited; the Instructor sets the parameters for classroom interaction.

Some disruptive students may have emotional or mental health disorders. Although such students may be considered disabled and are protected under the Rehabilitation Act/ADA, they are held to the same standards of conduct as any student.

Misconduct occurring on premises of all institutions of the USF System which adversely affects the University community and/or the pursuit of its mission is already prohibited by the Student Code of Conduct (http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf6.0021.pdf) and will be handled by those procedures.

For more information, please see the Office of General Counsel Regulations and Policies website http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.025.pdf.

Grading Policies

Grades and Progress Towards Degree Requirements

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

When a student is academically dismissed from the University and is ineligible to re-enroll, it may be in the student’s best interest to re-evaluate educational goals with an academic advisor in the college of the student's major. If the student’s poor academic performance has resulted from extenuating circumstances, or if after a period of time the student has gained adequate maturity and motivation, the student may petition the Academic Regulations Committee for permission to re-enroll. See https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/ for information on petitioning.
Grading System

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

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

<table>
<thead>
<tr>
<th>Plus/Minus Grades</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.00</td>
</tr>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>Excellent performance</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
</tr>
<tr>
<td>Good performance</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
</tr>
<tr>
<td>Average performance</td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td>1.67</td>
</tr>
<tr>
<td>D+</td>
<td>1.33</td>
</tr>
<tr>
<td>Poor performance</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>0.67</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
</tr>
<tr>
<td>FF Failure/academic dishonesty</td>
<td>0.00</td>
</tr>
<tr>
<td>IF Incomplete grade changed to failure</td>
<td>0.00</td>
</tr>
<tr>
<td>MF Missing grade changed to failure</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Other Indicators

<table>
<thead>
<tr>
<th>Other Indicators</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Incomplete</td>
</tr>
<tr>
<td>IU</td>
<td>Incomplete grade changed to unsatisfactory</td>
</tr>
<tr>
<td>M</td>
<td>No grade submitted by instructor</td>
</tr>
<tr>
<td>MU</td>
<td>Missing grade changed to unsatisfactory</td>
</tr>
<tr>
<td>N</td>
<td>Audit</td>
</tr>
<tr>
<td>NC</td>
<td>Not counted transfer coursework</td>
</tr>
<tr>
<td>NG</td>
<td>No grade equivalent for transfer coursework</td>
</tr>
<tr>
<td>NR</td>
<td>Missing grade that is not resolvable</td>
</tr>
<tr>
<td>R</td>
<td>Repeat transfer coursework</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal from course without penalty</td>
</tr>
<tr>
<td>WC</td>
<td>Withdrawal for extenuating circumstances</td>
</tr>
<tr>
<td>Z</td>
<td>Continuing registration</td>
</tr>
</tbody>
</table>

Note: The grade of “C-” will satisfy specified minimum requirements for the State Mandated Communication and Computation Requirements courses, General Education, and the common prerequisites unless otherwise specified in the Catalog.

"I" Grade Policy

An “I” grade indicates incomplete coursework and may be awarded to undergraduate students. Undergraduate rules apply to non-degree-seeking students. An incomplete may be awarded to an undergraduate student only when a small portion of the student’s work is missing and only when the student is otherwise earning a passing grade. The instructor will be required to complete the I-grade contract online when posting the semester grade at the end of the term, identifying the remaining coursework to be completed, the student’s last day of attendance, and the percent of work accomplished to this point. This online contract will be automatically sent to the student’s email and to the Office of the Registrar.

Until removed, the “I” is not computed in the GPA for undergraduate students. The time limit for removing the “I” is to be set by the instructor of the course; this time limit may not exceed two semesters. “I” grades not removed by the end of the time limit will be changed to “IF” or “IU,” whichever is appropriate. If an instructor is willing, they may accept work from a student after an I grade has changed to an IF or IU grade, and assign the student a final grade in the course, unless the student has graduated. Whether or not the student is in residence, any change to “IF” grades will be calculated in the cumulative GPA and, if applicable, the student will be placed on appropriate probation or academically dismissed. Students should not re-register for courses in which they are only completing previous course requirements to change an “I” grade; if a student wants to audit a course for review in order to complete course requirements, full fees must be paid.

"M" Grade Policy

An “M” is automatically assigned as a default grade when the instructor does not submit a grade for a student. Undergraduate rules also apply to non-degree-seeking students. Unless a change of grade is submitted, the “M” grade will remain on the transcript and will not be computed in the student’s GPA.
S/U Grade System

Certain courses have been designated as S/U courses. The "S" and "U" grades are used to indicate the student's final grade. These S/U only courses are identified with (S/U only) after the course definition in this catalog.

Mechanism for Assigning S/U Grades

"S" and "U" grades are not computed in the student's GPA. The method by which a student receives an "S" or "U" grade in an option course will consist of the following:

- A written agreement signed by both instructor and student shall be filed with such offices as may be designated by the college. The college shall set the deadline (no later than the last day of classes for the term) for the student to decide if they wish to take the course on an S/U basis.
- The instructor shall assign final letter grades A, B, C, D, F, or I, but will transmit to the Registrar "S" or "U" consistent with the following:
  - Letter grade, A, B, C, or C- shall be equivalent to a letter grade of "S."
  - Letter grades D or F shall be equivalent to a letter grade of "U."

No-option Courses

Certain courses have been designated as S/U courses. The "S" and "U" grades are used to indicate the student's final grade. No grading system option is available to students or faculty in these courses.

Option Courses

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

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

Grade Point Average

The University uses the quality points in the Grading System. The grade point average (GPA) is computed by dividing the total number of quality points by the total hours attempted at USF. The total quality points are calculated by multiplying the number of credits assigned to each course by the quality point value of the grade given. Credit hours for courses with grades of "I, IU, M, N, S, U, W, WC, Z" and courses that have a repeat indicator of "E" on the academic transcript are subtracted from the total hours attempted before the GPA is calculated.

Credit hours for repeated USF coursework will be awarded only once per course unless the course is an University-approved repeatable course. "D, F, FF, IF and MF" grades, however, for repeated USF coursework will be counted in the computation of the student's GPA as many times as those grades for that course are recorded. If a student originally earns a "C" or higher in a course that may not be repeated for additional credit, and then earns a "C" or higher on a subsequent enrollment, the new grade is not computed in the GPA unless the Grade Forgiveness Policy is applied.
Mid-Term Grades

USF System Policy 10-504
http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-504.pdf

PURPOSE & INTENT
The University of South Florida System (USF System) is committed to student success and providing the necessary information to enable students to manage their academic progress. This Policy is one of many university initiatives directed at assisting students in effectively meeting their academic goals.

STATEMENT OF POLICY
It is the student’s responsibility to be aware of their academic standing and grade status in all courses. In an attempt to assist the student in evaluating academic status mid-term, the University requires Instructors to submit midterm grades electronically for each student enrolled in 1000, 2000, 3000 and 4000 level courses. Instructors are not required to report midterm grades for alternate calendar courses, study abroad, directed studies, internships, practicum, field experiences, directed research, undergraduate research, independent studies, and other courses that do not follow the normal course schedule for the academic term; however it is expected that instructors will provide feedback to students regarding progress at an appropriate midpoint for the course.

PROCESS STEPS
The Midterm Grade Reports are submitted after Week 7 or, for summer courses, soon after the midpoint of the time period that the course is conducted. The purpose of the Midterm Grade Report is to provide students in 1000, 2000 and 3000 level courses with information on whether they are making sufficient progress toward meeting the course requirements. This information is available to students in OASIS as a progress report for all students in Lower Level and early Upper Level courses. This Early Warning System provides midterm grade information that assists students and their advisors in determining if academic progress is sufficient in the course at a time where the student may be permitted to drop the course (although beyond the drop/add period resulting in fee liability) and receive a “W” for the course. This is an academic action only and does not support any financial refund or adjustment and students will remain responsible for all applicable registration fees for the course(s). The academic action will permit a “W” grade to reflect on the student’s permanent academic record. Students who drop may not continue attending class. Drop deadlines for each semester and summer sessions are listed in the Academic Calendar and are published in the USF Schedule of Classes.

Grade Forgiveness Policy

USF’s grade forgiveness policy permits a student to repeat a course and have the repeated grade computed in the cumulative grade point average (GPA) in place of the original grade, providing the repeat grade is posted as “D -” or higher (exception - see Honors at Graduation within this section) and is higher than the first grade. Normally, grade forgiveness may only be applied to a specific course that a student chooses to repeat. Under unusual circumstances, a different but similar course may be used if the substitute course has been previously approved by the College Dean and is on file in the Office of the Registrar.

No course taken on the S/U grade basis may have the grade forgiveness applied. Similarly, the grade forgiveness policy cannot apply to any course in which the grade of “FF” has been recorded.

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

1. Complete a Grade Forgiveness Request form for each course to be repeated

2. Adhere to the following conditions:
   A. A limitation of applying grade forgiveness to three USF courses with no more than one repeat per course.
   B. Once you utilize grade forgiveness, it cannot be rescinded.
   C. With prior approval of the college dean, a course different from a course on the approved list may be substituted in the following cases:
      i. The substitute course is a change in prefix, number, hours, or title, but not a substantive change in content from the original course.
      ii. The substitute course replaces a course no longer offered by the institution.
iii. The substitute course was approved by the Director of Students with Disabilities Services (https://www.usf.edu/student-affairs/student-disabilities-services/) and the Dean of Undergraduate Studies (https://www.usf.edu/undergrad/) as an appropriate alternative for a student with disabilities.

D. The repeated course must be taken under the standard grading system (A - F) and the latest grade must be posted as "D -" or higher (grades of S/U are not permitted) and be higher than the first grade.

E. All grades remain on the transcript. The original course grade will be annotated with “E” to indicate that the course has subsequently been repeated and the original grade is not computed in the GPA.

F. Individual colleges may have further restrictions; therefore, the student should consult with your college.

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

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

### Academic Standing Policies

#### Good Academic Standing

Undergraduate students are expected to maintain a 2.00 or higher cumulative USF grade point average (GPA). Students are in good standing if they meet the minimum GPA standards based on GPA hours. A student must be in good academic standing in order to graduate.

Students on probation or suspension are not considered to be in good academic standing.

#### Academic Probation, Dismissal, or Suspension

The first time an undergraduate student’s USF grade point average (GPA) falls below a cumulative 2.0, the student will be placed on academic probation. From the beginning of academic probation, the student must maintain at least a 2.0 GPA each term, and may not totally withdraw from any semester without cause.

Any student who withdraws from all classes after the fifth day of classes while on academic probation will be academically dismissed. Once on academic probation, academic advising prior to registration is mandatory until you are removed from probationary status. You may remain on academic probation indefinitely as long as you maintain a GPA of 2.0 or greater each semester. If at any time while on academic probation, the student’s semester GPA falls below a 2.0, you will be academically dismissed from the University. Once academically dismissed, you may only return to USF under the University’s Academic Renewal Policies. If academically dismissed from USF, you may not return to USF as a non-degree seeking student.

First year, first time in college (FTIC) students may be granted a one-time only academic dismissal deferment, allowing an additional semester of enrollment. Students will work with the Office of Academic Advocacy (https://www.usf.edu/undergrad/academic-advocacy/) to create a plan for academic success in the deferred semester. It should be noted that deferring academic dismissal will not extend financial aid canceled due to poor academic performance.

The determination and notification of probationary status or academic dismissal is made by the Office of the Registrar; academic standing is noted on the student’s transcript. A student who attends another college or university following academic dismissal will be classified as a transfer student and readmission will be based on the total record accumulated from all colleges and universities attended.

Once a student’s semester and USF GPA is at or above 2.0, the academic probation status will be removed.

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

For detailed information on the Academic Integrity of Students policy, see USF System Regulation 3.027 at http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.027.pdf.
Reinstatement

Students placed on Academic Dismissal may only return to USF under the University's Academic Renewal policies (https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/reinstatement.aspx). Academic Renewal allows students previously dismissed or former students returning with a USF GPA below 2.00 to renew their pursuit of baccalaureate degrees without the responsibility of having to overcome the entire burden of low grades and low grade-point-averages. To facilitate this opportunity, students who qualify for Academic Renewal may, with the approval of the Academic Regulations Committee and/or the Office of Undergraduate Studies, have portions of their academic record excluded from their grade point averages (GPAs). To be eligible for academic renewal, the student must select a major in which they will graduate according to the degree progression policy. The entire academic record however will continue to be reflected on their transcripts even though a selected portion will not be counted in their GPAs. Academic Renewal students are admitted with the same terms of academic probation and dismissal as all other undergraduate students.


If academically dismissed from USF a student may not return to USF as a non-degree seeking student.

Undergraduate Dismissal Policy

Individual undergraduate programs may have stricter guidelines listed in the University catalog. Students can be dismissed from an undergraduate program by the College Dean for the following reasons:

1. Failing to meet professional standards of the discipline,
2. Denied reinstatement after academic suspension,
3. Being suspended for the third time.

Appeal of Dismissal

An Undergraduate degree-seeking student may appeal a dismissal in writing to the Provost (or designee).

For more information on the Academic Integrity of Students, see USF System Regulation 3.027 at http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.027.pdf.

Non-Degree Students Academic Standing

A student who is not seeking a degree while at USF, but enrolls in classes is classified as a Non-Degree Student. Although not seeking a degree, such a student is subject to the same Academic Warning, Academic Probation, Academic Suspension, and Reinstatement policies as a degree-seeking student by level of courses in which the student enrolled.

Dean's List

Full-time undergraduate students who demonstrate superior academic achievement during one semester will be honored on a "Dean's List." To be eligible for the Dean's List, a student must meet the following criteria:

- Complete 12 hours of graded (A-F) USF coursework with no Incomplete, Unsatisfactory and/or W grades during the semester.
- Earn a semester GPA in USF coursework, as designated by the College of their major, as follows:
  - College of Arts and Sciences = 3.9 GPA
  - College of Behavioral and Community Sciences = 3.9 GPA
  - Muma College of Business = 3.9 GPA
  - College of Education = 3.9 GPA
  - College of Engineering = 3.9 GPA
  - College of Nursing = 3.9 GPA
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- College of Public Health = 3.9 GPA
- College of the Arts = 3.9 GPA
- Office of Undergraduate Studies = 3.9 GPA
- Academic Support and Achievement = 3.9 GPA

If a student is coded in two undergraduate majors from two different colleges, the student may be honored with Dean's List from each college, presuming the student meets the required GPA threshold for each individual college.

Dean's List is determined at the end of the semester, after grades are posted. If an Incomplete grade is changed after grades processing is finalized, the student will not retroactively receive Dean's List designation.

Students registered in the Office of Students with Disabilities Services whose approved accommodations include a reduced academic load are eligible by meeting the above parameters with at least nine (9) credit hours of graded USF coursework completed in the semester and the recommendation from that office, to be confirmed by the Dean of the college of the student's major.

The Dean of the College in which the student is majoring or the Dean of Undergraduate Studies, for students currently enrolled in an exploratory curriculum, will recognize this academic honor. Students who are eligible should contact their College Advising Office or Students with Disabilities Services for information.

Students are eligible to earn the Dean's List designation only once for the entire summer and intersession semesters.

Academic Record

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

Academic Renewal

https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/reinstatement.aspx

The Academic Renewal policy allows students previously dismissed from the University or former students returning with a USF grade point average (GPA) below 2.00 to renew their pursuit of baccalaureate degrees without the responsibility of having to overcome the entire burden of low grades and low grade-point-averages. To facilitate this opportunity, students who qualify for academic renewal may, with the approval of the Academic Regulations (ARC) Committee, have portions of their academic record excluded from calculation of their GPAs.

To be eligible for academic renewal, the student must select a major in which they will graduate according to the degree progression policy. The entire academic record, however, will continue to be reflected on your transcripts even though a selected portion will not be counted in your GPA. Academic renewal students are admitted with the same terms of academic probation and dismissal as other undergraduate students. Academic renewal will only be applied to a student's academic record one time at USF. Students returning to the University under academic renewal may incur excess hours and associated monetary penalty.

Academic Renewal 1 (AR-1)

Students who have been academically dismissed or former students returning with a USF grade point average (GPA) below 2.00 may petition the Academic Regulations Committee (ARC) to return to the University under AR-1. A student will be considered for reinstatement to the University under academic renewal 1 after completing all requirements for the Associate of Arts degree or equivalent (including General Education, State Communication and Computation Requirements) at a two- or four-year college other than USF. Academic Renewal 1 students will enter USF as an upper-level student and their USF GPAs will be calculated from that point forward. While AR-1 is required for students who have earned less than 60 credit hours, it is not restricted to those students. In order to graduate following re-admission under AR-1, all campus and major residency and degree requirements must be met.

Students must:

1. Complete the AA degree. Official transcripts must be received by the Office of Admissions.
2. Meet with the academic advisor in the major they intend to pursue upon return and complete the Academic Advising Record for Reinstatement Through Academic Renewal 1 or 2 form.
3. Complete the Reinstatement After Academic Dismissal form, and check the box for "AR1".
4. Write personal statements addressing why they should be considered for reinstatement, how they have overcome specific barriers that previously affected academic success and a clear rationale for pursuit of the selected major.

Forms are available at https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/forms.aspx.

**Academic Renewal II (AR-II)**

Academic Renewal II is available to students who were academically dismissed or former students returning with a USF grade point average (GPA) below 2.00 and have 60 or more earned credits from USF or other institutions of higher education. These students will be considered for reinstatement to the University under Academic Renewal II, after a break in USF enrollment for a full academic year (fall, spring, and summer). Students may choose to complete major prerequisites at a non-USF institution during this time, but are not required to do so. Students who choose to take courses at a non-USF institution should meet with the academic advisor of their intended USF major prior to enrolling in courses elsewhere. Following readmission under Academic Renewal II, students will have their USF GPA calculated from that point forward. In order to graduate, following readmission under ARII, all campus and major residency and degree requirements must be met.

1. Official transcripts must be received in the Office of Admissions if student was enrolled at another institution during their year away from USF.
2. Complete the Academic Advising Record for Reinstatement Through Academic Renewal I or II form with the academic advisor in the major they intend to pursue upon return.
3. Complete the Reinstatement After Academic Dismissal form, and check the box for "ARII".
4. Write personal statements addressing why they should be considered for reinstatement, how they have overcome specific barriers that previously affected academic success and a clear rationale for pursuit of the selected major.

Forms are available at https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/forms.aspx.

Submit the Reinstatement Petition packet (steps 1 through 4) to the Academic Regulations Committee (ARC) representative in the College of the major they intend to pursue upon return to USF.

Academic Renewal will only be applied to a student's record one time at USF. Students readmitted under academic renewal may be excluded from admission to limited access programs and will not be considered for University Honors at graduation unless they meet the criteria using all grades earned. Students returning to the University under Academic Renewal may incur excess hours and associated monetary penalty. For more information, see https://www.usf.edu/undergrad/academic-processes/academic-regulations-committee/reinstatement.aspx.

**General Education Requirements and Lower-Level Course Policies**

**General Education State Requirements**


Satisfactory completion of general education requirements consists of completing 36 hours of general education, where 21 hours come from:

1. Six (6) semester hours of English coursework and six (6) semester hours of additional coursework in which the student is required to demonstrate college-level English Language writing skills through multiple assignments (State Communication Requirement; formerly known as Gordon Rule). Students awarded college credit in English based on their demonstration of writing skills through dual enrollment, advanced placement, or international baccalaureate instruction shall be considered to have satisfied this requirement to the extent of the college credit awarded.
2. Six (6) semester hours of mathematics coursework at the level of college algebra or higher (State Computation Requirement; formerly known as Gordon Rule). Applied logic, statistics and other computation-based coursework that may not be offered by a mathematics department may be used to fulfill three (3) of the six (6) hours required by this section. Students awarded college credit based on their demonstration of mathematics skills at the level of college algebra or higher through dual enrollment, advanced placement, or international baccalaureate instruction shall be considered to have satisfied this requirement to the extent of the college credit awarded.

3. For students entering the University as a first-time-in-college student beginning Fall term 2015, at least one (1) course from each of the general education subject areas listed below in this section. These courses comprise the general education core as required per section 1007.25(3), Florida Statutes.

1. One of the following courses in Communication:
   - ENC X101 English Composition I; or
   - A course with an ENC prefix for which ENCX101 is a direct prerequisite.

2. One of the following courses in Humanities:
   - ARH X000 Art Appreciation; or
   - HUM X020 Introduction to Humanities; or
   - LIT X000 Introduction to Literature; or
   - MUL X010 Introduction to Music Literature/Music Appreciation; or
   - PHI X010 Introduction to Philosophy; or
   - THE X000 Theatre Appreciation.

3. One of the following courses in Mathematics:
   - MAC X105 College Algebra; or
   - MAC X311 Calculus I; or
   - MGF X106 Liberal Arts Mathematics I; or
   - MGF X107 Liberal Arts Mathematics II; or
   - STA X023 Statistical Methods;
   - A mathematics course for which one of the above general education core course options in mathematics is a direct prerequisite.

4. One of the following courses in Natural Sciences:
   - AST X002 Descriptive Astronomy; or
   - BSC X005 General Biology; or
   - BSC X010 General Biology I; or
   - BSC X085 Anatomy and Physiology I; or
   - CHM X020 Chemistry for Liberal Studies; or
   - CHM X045 General Chemistry I; or
   - ESC X000 Introduction to Earth Science; or
   - EVR X001 Introduction to Environmental Science; or
   - PHY X020 Fundamentals of Physics; or
   - PHY X048 General Physics with Calculus; or
   - PHY X053 General Physics I; or
   - A natural science course for which one of the above general education core course options in natural science is a direct prerequisite.
(5) One of the following courses in Social Sciences:

- AMH X020 Introductory Survey Since 1877; or
- ANT X000 Introduction to Anthropology; or
- ECO X013 Macroeconomics; or
- POS X041 American Government; or
- PSY X012 Introduction to Psychology; or
- SYG X000 Principles of Sociology.

NOTE: Students who transfer into a state university or between state universities shall be required to meet the above general education core requirements if the students were classified as first-time-in-college at their original postsecondary institution Fall Term 2015 and thereafter. Any course accepted by an institution in the Florida College System or State University System as meeting the general education core at that institution shall be accepted as meeting the core requirements at all institutions. All credit earned by other transfer students shall be evaluated by the receiving institution on a course-by-course basis to determine core equivalency. Credit earned through an acceleration mechanism in Section 1007.27, Florida Statutes and Board of Governors Regulation 6.006, will meet the related general education core course requirement.

Board of Governors Basic Requirements established by Florida state law and the Board of Governors Regulation 6.017 http://www.flbog.edu/documents_regulations/regulations/6%20017%20%202014_9_19CriteriaforAwardingBaccalaureateDegree.pdf

Board of Governors Basic Requirements established by Florida state law and the Board of Governors Regulation 8.005 http://www.flbog.edu/documents_regulations/regulations/6%20017%20%202014_9_19CriteriaforAwardingBaccalaureateDegree.pdf

USF-Tampa Enhanced General Education Curriculum

The remaining fifteen (15) hours of a student’s required thirty-six (36) general education hours are fulfilled by completing USF-Tampa’s Enhanced General Education curriculum. It was created to provide a more relevant, coherent, rigorous and student-centered curriculum for intentional learners. The curriculum integrates the values of general education through all levels of the undergraduate experience and is designed to develop baccalaureate graduates who have well-rounded intellectual and practical skills, personal and social responsibility, and integrative and applied learning experiences.

Students must receive a minimum grade of C- in each course that is used to fulfill any requirement in the general education curriculum. S/U grades are not acceptable for general education courses. Those courses completed satisfactorily and applied to meet general education requirements must have an overall GPA of 2.0. Courses may be counted for both the major AND the Enhanced General Education requirements.

All general education courses at USF-Tampa teach critical and analytical thinking, problem solving, and written communication. A student is expected to take a minimum of three (3) credit hours in each of the following areas:

1. Creative Thinking - Students will:
   - Demonstrate responsiveness within an established disciplinary context to new information, experiences, and ideas through a process of re-evaluating the ideas and/or approaches.
   - Create an original contribution within a specific discipline.
   - Evaluate the limitations imposed on any new approach or solution within a discipline to propose original contributions to problems.
   - Synthesize disparate or conflicting thoughts when evaluating questions/problems to form cohesive and collaborative solutions.
   - Break Down complex problems to examine, propose, and support potential solutions, even if those solutions deviate from acceptable, mainstream solutions.

2. Information & Data Literacy - Students will:
• Use research tools and indicators of authority to determine the credibility of sources, while identifying any legal and ethical restrictions placed on the use of information.

• Critically interpret quantitative evidence (such as graphs, tables, charts) in order to identify false claims, incorrect use of evidence, or contradictory statements.

• Contribute to scholarly conversations using discipline-appropriate communication in different modalities, such as local online communities, guided discussions, undergraduate research journals, and conference presentations/poster sessions.

• Revise submitted coursework by integrating new sources of information and determining relevance of existing sources.

• Critically compare and contrast opposing claims regarding the same fact or hypothesis, when the various sides are credible according to discipline-specific indicators of authority.

• Summarize the key changes in scholarly perspective over time on a particular topic within a specific discipline.

• Formulate questions for research based on information gaps or on reexamination of existing, possibly conflicting, data, then use the questions as a guide to organize information in meaningful ways.

3. Human & Cultural Diversity - Students will:

• Demonstrate the ability to see issues from the perspective(s) of other groups/cultures by describing the values and communication styles found in groups different from one's own and the way in which those differences can affect styles of verbal and nonverbal communication.

• Define personal values and beliefs using appropriate language and communication methods that consider others' points of view and respect differences.

• Analyze how diversity affects interactions with major societal institutions (such as health care, criminal justice, education, employment, voting, military) from contemporary and/or historical perspectives.

• Weigh options/planned actions (such as policies and practices) to formulate possible solutions to reduce inequality and disparities in access and success in major societal institutions (such as health care, criminal justice, education, employment, voting, military).

• Analyze the ethical, social, and environmental challenges of global systems to formulate possible solutions regarding international cooperation and collaboration.

4. Ethical Reasoning & Civic Engagement - Students will:

• Demonstrate the capacity to collect data within and apply explanatory and predictive models to local communities.

• Connect and extend knowledge (facts, theories, etc.) from their own academic fields of study to civic engagement and their own participation in civic life, politics, and government.

• Demonstrate the ability to comprehend, express, and adapt to ideas based on others' perspectives.

• Work across and within community contexts to achieve a civic aim.

• Independently and accurately apply ethical perspectives and concepts to ethical questions or civic projects as appropriate and demonstrate the ability to consider the full implications of this application.

• Demonstrate an ability to recognize ethical and professional responsibilities.

5. High Impact Practice - Students will:

• Engage in meaningful critical reflection in required coursework.

• Under professional oversight, utilize contextually appropriate behaviors, tools, techniques and/or dispositions.

• Integrate discipline-specific knowledge into the contextualized experience.

• Synthesize discipline-appropriate learning via a culminating assignment.
**NOTE:** Some courses in the High Impact Practice area may only have specific sections that count towards the general education requirement. Please always refer to the current course schedule to make sure you are registering for a section that counts towards the Enhanced General Education requirements.

State Communication Requirement and State Computation Requirement

BOG 6A.10.030 Other Assessment Procedures for College-Level Communication and Computation Skills

http://www.flbog.edu/documents_regulations/guidelines/ArticulationRegulation.pdf

Prior to receipt of an Associate in Arts degree from a Florida College System institution or university or prior to entry into the upper division of a public university or college, a student shall complete successfully the following:

1. Six (6) semester hours of English coursework and six (6) semester hours of additional coursework in which the student is required to demonstrate college-level writing skills through multiple assignments. Each institution shall designate the courses that fulfill the communication requirement of the section. These course designations shall be submitted to the Statewide Course Numbering System (SCNS). An institution to which a student transfers shall accept courses so designated by sending institution as meeting the communication requirements outlined in this section.

2. Six (6) semester hours of mathematics coursework at the level of college algebra or higher. For the purposes of this rule, applied logic, statistics and other such computation coursework which may not be placed within a mathematics department may be used to fulfill three (3) hours of the six (6) hours required by this section.

3. Students awarded college credit in English based on their demonstration of writing skills through dual enrollment, advanced placement, or international baccalaureate instruction pursuant to 6A-10.024, and students awarded college credit based on their demonstration of mathematics skills at the level of college algebra or higher through one or more of the acceleration mechanisms in 6A-10.024, shall be considered to have the requirements in subsections 6.017(2), to the extent of the college credit awarded.

Students must achieve a proficiency level of at least a C- in the required writing and math courses in order to receive credit. Courses to satisfy the Communication and Computation requirements may not be taken on an S/U basis.

Please visit USF’s course inventory website at https://www.systemacademics.usf.edu/course-inventory/ to search for courses that meet these requirements. The attribute for Communication is 6ACT and for Computation is 6AMT.

Note: The Communication and Computation Requirements are considered met for any student entering the University with an A.A. from a Florida College System institution. CLEP general/subject examinations in Mathematics, Calculus, College Algebra, College Algebra/Trigonometry, and Trigonometry may satisfy this requirement. See http://www.flbog.edu/documents_regulations/guidelines/ArticulationRegulation.pdf 6A-019.024 and 6A-10.030.

First Year Composition

All first-time-in-college (FTIC) students are required to take First Year Composition (a sequential two-semester course of study) in accordance with the following conditions:

1. First-time-enrolled students (a) who do not intend to take the CLEP Freshman English Test or (b) who have been notified of failing CLEP prior to registration and who do not intend to attempt the exam a second time must take ENC 1101 and ENC 1102 sequentially. If a student fails ENC 1101, he/she must repeat it before proceeding to ENC 1102. Students should normally take these courses during their freshman year, but these courses are in high demand, and it is possible that registration space will not always be available.

2. First-time-enrolled students (a) who have not taken CLEP prior to their arrival on campus or (b) who have failed but wish to repeat the test should attempt CLEP during their first nine (9) weeks. During this semester, they should not enroll in ENC 1101. If a student either fails or does not attempt the CLEP examination during his/her first nine (9) weeks, the student normally should take ENC 1101 in the following semester. In this case, the student will normally complete the sequence by the first semester of his/her sophomore year.

These policies do not apply to first-time-enrolled students who can meet the First Year Composition requirement with credit transferred from another institution or those with appropriate AP or IB English credit.
Certification Requirements Associate in Arts

USF System Regulation 3.019
http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.019.pdf

All students must satisfy the General Education Requirements of USF and must satisfy the requirements listed in section 1007.25, Florida Statutes and in State Board of Education Rule 6A-10.030, prior to receiving an Associate in Arts Certificate.

1. To receive the Associate in Arts, the student must complete sixty (60) hours of university credit; at least twenty (20) of the last thirty (30) credit hours or a total of thirty-six (36) credit hours must be completed at USF. The minimum grade point average must be 2.0 based on work attempted at USF. In addition, a transfer student must have a GPA of 2.0 or higher when combined with transfer work accepted and evaluated by the USF Office of Admissions. Physical Education and military science credits do not count toward the Associate in Arts Certificate. In addition, a transfer student must have a GPA of 2.0 or higher when combined with transfer work accepted and evaluated by the USF Office of Admissions. Physical Education and military science credits do not count toward the Associate in Arts Certificate. All students must satisfy the General Education Requirements of USF and must satisfy the requirements listed in section 1007.25, Florida Statutes and in State Board of Education Rule 6A-10.030, prior to receiving an Associate in Arts Certificate.

2. Beginning with students initially entering a Florida College System institution or State University System institution in 2014-2015 and thereafter, coursework for an Associate in Arts degree shall include demonstration in competency in a foreign language pursuant to Florida Statute http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&URL=1000-1099/1007/Sections/1007.262.html (Also known as USF’s FLENT requirement).

3. To apply online for an Associate in Arts Certificate, please visit the "Apply for Graduation" website. The deadline to apply for a certificate in each semester is stated in the Academic Calendar in the catalog and on the "Apply for Graduation" website.

4. The Associate in Arts Certificate must be awarded prior to the term that the student becomes eligible for the baccalaureate degree.

5. Final processing for the Associate in Arts will be done after grades are processed at the end of the semester for which the student applied. All work, including transfer work, taken in that semester will be evaluated with respect to the requirements for the Associate in Arts Certificate.

6. Any incomplete grades shown on the permanent record of an Associate in Arts applicant at the time grades are processed will be treated as an “F” in the calculation of grade point average. Transfer students who completed a substantial portion of the Associate in Arts degree requirements at another institution in the Florida College System will be encouraged to notify that institution of the additional USF credits that may be transferred to that institution towards conferral of that degree. If the former institution will not confer the Associate in Arts degree with the addition of USF transfer credits, but is eligible for the Associate in Arts certificate at USF, then the USF institution will confer the Associate in Arts certificate.

7. The General Education Requirements will be based on the approved University policy in effect in the catalog year the student chooses according to the University policy regarding the choice of catalog. The consideration of whether or not General Education Requirements are met will be made without consideration of the student’s choice of major at the time he/she applies.

8. University of South Florida credit hours will be broadly defined to include USF sponsored student exchange programs and the University of Florida Correspondence Division. The grades from these institutions, (except those earned through the University of Florida Correspondence Division) are recorded on the permanent record at USF, and included in the grade point average calculation, and will be counted in the student’s grade point average as work attempted at USF for the Associate in Arts Certificate.

9. An applicant who has not been enrolled at USF for three semesters may be contacted to ascertain whether or not that applicant meets the residency requirements.
10. In approving any application for the Associate in Arts Certificate, satisfactory/unsatisfactory grades will be accepted according to the approved University policy in effect during the terms of the student’s enrollment without regard for the student’s declared major. Students must be aware that if they have taken any courses on a satisfactory/unsatisfactory basis where such grades are not acceptable by the college of the major, the students may be required to repeat particular courses for a traditional letter grade or take additional courses for a traditional letter grade to meet the college requirements.

11. All University of South Florida colleges with undergraduate programs will accept the Associate in Arts from USF. That is, the student will be placed, at least, at the junior level and will be considered to have met the University’s General Education Requirements. The applicability of the courses taken by the student toward his/her major program will be determined by the college of the student’s major. Similarly, any special requirements for a student’s professional certification (e.g., Education and Engineering) are not necessarily met by the Associate in Arts Certificate, but could be included as part of the General Education Requirements. Thus, students should check with their colleges concerning meeting any special requirements in an efficient manner.

12. The awarding of the Associate in Arts Certificate is posted on the permanent record but does not alter the calculation of the grade point average nor does it interrupt the accumulation of the student’s record.

13. Students who follow a baccalaureate degree program as recommended by a college will not necessarily be eligible for the Associate in Arts Certificate prior to the completion of ninety (90) credit hours.

Language Requirements

Foreign Language Entrance Requirement (FLENT)

FLENT (Foreign Language Entrance Requirement) Florida Statutes 1007.262

The Florida Department of Education shall identify the competencies demonstrated by students upon the successful completion of 2 credits of sequential high school foreign language instruction. For the purpose of determining postsecondary equivalence, the department shall develop rules through which Florida College System institutions correlate such competencies to the competencies required of students in the colleges’ respective courses. Based on this correlation, each Florida College System institution shall identify the minimum number of postsecondary credits that students must earn in order to demonstrate a level of competence in a foreign language at least equivalent to that of students who have completed 2 credits of such instruction in high school. The department may also specify alternative means by which students can demonstrate equivalent foreign language competence, including means by which a student whose native language is not English may demonstrate proficiency in the native language. A student who demonstrates proficiency in a native language other than English is exempt from a requirement of completing foreign language courses at the secondary or Florida College System level.

USF System Regulation USF3.007 - Degree Requirements: Baccalaureate/Undergraduate
(http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.007.pdf item 2j)

Satisfaction of the foreign-language admissions requirement by having two (2) sequential units of the same foreign language in high school, or eight (8) semester hours of the same foreign language in college, or documented equivalent proficiency.

Foreign Language Graduation Requirement (FLEX)

The fulfillment of the Foreign Language Requirement is one of the requirements to receive a Bachelor's degree at USF. Students may fulfill the requirement by completing eight semester hours of the same foreign language or American Sign Language (ASL). Alternative options that will be considered include the following:

1. Successful completion of two sequential high school credits in one foreign language as listed in status 1007.262 and DOE Board Rule 6A.10.02412. The student is responsible to send official high school transcripts to the Registrar's office for evaluation.

2. Submitting an English translated high school course-by-course transcript from a country of origin, exit test scores or certificates not acceptable. Students must have an English translation performed, at students expense, by a member of the National Association of Credential Evaluation Services (NACES http://www.naces.org/members.htm).
Also, appropriate College Level Examination Program (CLEP) level one and two scores in French, German, and Spanish will be accepted.

All students pursuing a B.A. degree must meet the foreign language exit requirement which for most students will require completing two semesters of the same foreign language or for some majors sign language. Students who already have knowledge of a foreign language may "place out" of the requirement. The following statements summarize the methods for completing FLEX.

1. Two semesters of the same foreign language (e.g., SPN 1120 and SPN 1121) or sign language for some majors with no less than a "D" in the first semester and no less than a "C" in the second semester. "S" or "P" grades may not be substituted.
2. Completion of the second semester or higher of a foreign language with no less than a "C". (The first semester was not taken because of placement).
3. Successfully passing the USF language placement test by placing into the third course or higher. [http://languages.usf.edu/foreign/](http://languages.usf.edu/foreign/)
4. Subject CLEP credit for two semesters.
5. AP Credit for two semesters.

**American Sign Language**

The following programs accept Sign Language Competency for the exit requirement: Africana Studies, Aging Sciences, Anthropology, Chemistry, Communication, Communication Sciences and Disorders, Criminology, Economics, English, History, Interdisciplinary Social Sciences, Mass Communications, Political Science, Psychology, Religious Studies, Sociology, Theatre, Women's and Gender Studies, and all programs in the College of Education.

Approval is needed by the student's program/department major.

Students electing to take the examination in French, German, Italian, Portuguese, Russian, Spanish, Ancient or Modern Greek, or Latin should apply to the Director of the Department of World Languages. Students taking the examination in New Testament Greek or Hebrew should apply to the Chairperson of Religious Studies. Students utilizing American Sign Language should apply to the Chairperson of Communication Sciences and Disorders.

**Graduation Requirements (Baccalaureate)**

USF System Regulation 3.007 - Degree Requirements: Baccalaureate/Undergraduate

[http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.007.pdf](http://regulationspolicies.usf.edu/regulations/pdfs/regulation-usf3.007.pdf)

1. General Education requirements (36 hours) must be completed prior to graduation per USF System Regulation 3.007 and BOG 6.017 requirements.
2. Civics Literacy - Baccalaureate degree-seeking students initially entering a state university fall semester 2018 and thereafter must demonstrate competency in civic literacy (see Civics Literacy section of Catalog or [https://www.usf.edu/undergrad/students/civics-literacy.aspx](https://www.usf.edu/undergrad/students/civics-literacy.aspx)).
3. Updates of changes to State and BOG Requirements - Students will be held to the most current standards established by the BOG or state law.
4. In addition to Florida Board of Governors and/or state requirements, the USF System has the following USF specific minimum requirements that are designed to assure the academic integrity of the degree programs at each System Institution:
   a. Successful completion of a minimum of 120 unduplicated semester credit hours through university coursework, acceleration mechanisms, and/or transfer credit, including courses specifically approved as repeatable for credit within the System (e.g. practica, ensembles and field experiences);
   b. A minimum adjusted grade point average (GPA) of 2.00 on all course work taken at the USF System Institution from which the degree is conferred and an overall 2.00 average on all college-level work attempted;
   c. Satisfactory completion of major requirements in a chosen degree program, including additional requirements set by the USF System Institution and college offering the degree;
d. Successful completion of at least forty-two (42) semester hours in courses numbered 3000 and above;

e. Successful completion of at least 25% of the total credit hours required for the degree must be in courses offered by the USF System Institution conferring the degree;

f. Registration and successful completion of at least thirty (30) of the last sixty (60) semester hours at the USF System Institution (home institution) from which the degree is to be conferred. In cases of emergency, a maximum of six (6) hours of the final thirty (30) semester hours may be completed by correspondence or residence at another accredited senior institution with the approval of the academic dean. Exceptions to the home institution rules in this paragraph may be made for students who are enrolled at other universities in USF approved exchanges, study abroad programs, co-op training programs or correspondence courses from the University of Florida. CLEP credit does not count toward academic residence;

g. Beginning fall semester 2012, students must complete successfully at least 50% of the required courses in the major in courses offered by the USF System Institution conferring the degree. In cases of hardship or lack of course availability, individual exceptions may be approved by the respective College Deans or designees to help ensure timely graduation;

h. To help ensure that students are on track to graduate and are less likely to have excess credit hours, students are required to apply to change USF institutions (USF, USFSM, USFSP) and follow the appropriate procedures. All FTIC students must have completed at least three consecutive semesters, not including summer (i.e., Fall, Spring, Fall), at their current institution before change of institution requests will be processed. The request to change institutions must be signed off by the student and approved by the incoming USF institution.

i. Students who have entered a university in the State of Florida University System with fewer than sixty (60) hours of credit are required to earn at least nine (9) hours prior to graduation by attendance in one or more summer terms in courses offered by a USF System Institution or any one of the State University System of Florida institutions. This requirement may be waived in cases of unusual hardship to the individual;

j. Satisfaction of the foreign-language admissions requirement by having two (2) sequential units of the same foreign language in high school, or eight (8) semester hours of the same foreign language in college, or documented equivalent proficiency; and

k. The student’s degree program (major) will appear on the baccalaureate diploma. (If a student satisfies all requirements for two (2) majors, including admission, prerequisite, core, etc., both majors may appear on the diploma).

The Office the Registrar has complete information regarding graduation requirements (see https://www.usf.edu/registrar/resources/graduation.aspx)
USF System Policy 10-505 - Degree Progression and Completion Deadlines for Undergraduate Students
http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-505.pdf

USF is committed to facilitating students through their academic progress to degree. This Policy is intended to guide students to on-time degree completion without earned excess credit hours as defined by the state of Florida in §1001.92, F.S., §1001.7065, F.S. and §1009.286, F.S.

STATEMENT OF POLICY

1. Students who have completed all degree requirements will be required to graduate within four years. If a student does not submit the Online Graduation Application for Degree when academic records indicates all degree requirements for the declared major have been met based on the university degree audit system, the University will initiate the degree certification process without an application.

2. Undergraduates must complete the Online Graduation Application for Degree and the Online Graduating Senior Survey by the official University deadline (https://www.usf.edu/registrar/) for the term in which they expect to graduate. Degree application deadlines are available in the Academic Calendar found in the Undergraduate Catalog.

3. If denied for graduation, a student’s application will automatically roll to be evaluated for graduation in the next semester. In cases where the student’s academic records have been adjusted to indicate completion of degree requirements within one year of the denial, the original application will be used to graduate the student in the current semester.

4. If a student misses the posted Graduation deadline application, the student must immediately submit a late application via OASIS in order to be eligible for graduation.

2. Any curricular or co-curricular work added to a student’s declared primary major must be completed prior to or during the same academic term that the student’s major requirements are completed. Students should be approved to pursue additional curricular and/or co-curricular work only if it can be completed within eight semesters for first time in college (FTIC) students, excluding summer and alternative calendar terms, and without exceeding her/his excess credit hour surcharge (ECHS) threshold. Transfer students should complete in eight semesters counting for prior post-secondary enrollment, excluding summer and alternative calendar terms. Examples of this work include, but are not limited to: minors, double majors, concurrent degrees, the Honors program, study abroad experiences, and/or work-based learning (e.g., co-ops, internships, etc.). Access to the Excess Hour Counter is available on the Office of the Registrar’s website (https://www.usf.edu/registrar/).

3. FTIC or transfer students who have 120 earned credit hours or more will not be allowed to enroll in courses that are not required for completion of the declared primary major based on the university degree audit system. Exceptions are provided for students in baccalaureate degree programs with prior approval from the Board of Governors to require more than 120 credit hours for completion. Students in those programs will not be allowed to enroll in courses outside of their major requirements once the approved credit hour threshold for the major has been reached.

4. Advisors and students must follow the guidelines listed below regarding major changes. The final decision to allow a student to change to a new major rests with the college of the new major. Colleges will review student requests to change major by evaluating the student’s degree progression as documented in the university degree audit system. Students will review the expected number of years required for degree completion, with special attention to the likelihood that the change may result in ECHS, with an advisor in the new major. The colleges are expected to restrict those changes such that students graduate within the number of years specified in (A) through (C) above and without incurring or increasing ECHS potential.
5. A student will be reselected (RSL) from the primary declared major by the academic college if it is determined they are not meeting degree progression standards. Examples of degree progression standards include, but are not limited to, requirements specified in this policy, college or major D/F grade policies, course repeat/withdrawal policies and/or requirements for admission into major. Specific progression requirements for individual academic programs are listed in the undergraduate catalog under each academic major (http://ugs.usf.edu/catalogs.php).

Any student reselected (RSL) from the officially declared major after 60 earned hours must be reviewed by the student’s current academic advisor for ECHS and degree progression before changing majors. FTIC students will be allowed to change to those majors that can be completed within eight semesters (eight semesters for transfer students accounting for previous postsecondary enrollment), excluding summer and alternative calendar terms, and without incurring ECHS.

6. In the event a student would like to request an exception to any aspect of the above policy, a request must be submitted, in writing, to the Dean of Undergraduate Studies with documentation that provides clear evidence to justify the need to extend enrollment. Only requests submitted prior to the student’s undergraduate application for graduation will be considered. Exceptions will not be granted for students wishing to extend enrollment in order to retake courses where earned grades already meet the minimum graduation requirements or to complete additional coursework for admission to graduate programs.

**Summer Enrollment Requirement**

All students entering USF with fewer than 60 semester hours of credit are required to earn at least nine semester hours of credit prior to graduation by attendance during one or more Summer sessions in courses offered by a USF System Institution or any one of the State University System of Florida institutions. The University may waive the application of this rule in cases of unusual hardship.

A student who wishes to have the rule waived must complete a Request for Waiver of Mandatory Summer Enrollment Form available in the Office of the Registrar (https://www.usf.edu/registrar/documents/forms/summer-hour-waiver-request-form.pdf). After submission of the form to the Office of the Registrar, the student will be notified by mail of the action taken.

**Civics Literacy Competency**


USF Civics Literary website: https://www.usf.edu/undergrad/students/civics-literacy.aspx

USF students can meet the new state mandate in the following ways:

- Scoring 3 or higher on the AP exam for POS 2041: American National Government,
- Scoring 4 or higher on the AP exam for AMH 2020: American History II,
- Scoring 50 or higher on the CLEP American Government Exam, or
- Scoring 60% or higher on a test based on the US Citizenship and Immigration Services Naturalization Test with supplemental questions developed by the Florida Board of Governors.

Students who have not met one of the requirements above (and are not enrolled in POS 2041: American National Government or AMH 2020: American History II) are auto-enrolled into the Civics Literacy Prep and Test Canvas Course which provides:

- Preparation materials for the Civic Literacy Test and
- Access to the Civic Literacy Test

**ABOUT THE CIVIC LITERACY TEST:**

Universal among all Florida state university systems (SUS), the test spans 100 questions compiled by the Florida Board of Governors. Students must score 60% or higher and are allowed unlimited attempts.
ACADEMIC POLICIES AND PROCEDURES

TRANSFER STUDENTS: Students who are admitted to an SUS institution as undergraduate degree-seeking transfer students, as defined by BOG Regulation 6.004 (https://www.flbog.edu/documents_regulations/regulations/6.004%20Transfer%20Student%20Admission_FINAl.pdf). Students transferring to a SUS institution in Fall 2018 or later who have never previously enrolled in a public Florida institution (SUS or FCS) must meet the requirement. Students transferring to a SUS institution after Fall 2018 must meet the requirement if their initial enrollment in any Florida public institution (SUS or FCS) was in Fall 2018 or later and they did not complete the Civic Literacy requirement at the prior SUS or FCS institution(s).

NOTES:
- Students who earned an Associate in Arts degree prior to the 2018-2019 academic year at a Florida public institution (SUS or FCS), and are enrolled in a baccalaureate program beginning Fall 2018 or after, are not required to meet the Civic Literacy requirement.
- Dual enrollment students who complete an AA are EXEMPT from meeting the civics literacy requirement.

Steps for Graduation

The Office of the Registrar has complete information regarding graduation requirements (see https://www.usf.edu/registrar/resources/graduation.aspx).

STEP 1: Apply for graduation (receive a diploma) and complete the graduation survey.

Login into OASIS using MyUSF and then follow these steps:

1. Enter your Net ID and self-assigned password.
2. Click on "My Resources."
3. Click on "OASIS."
4. Click on "Student."
5. Near the bottom of the list, select "Apply for Graduation."
6. Please be sure to check the address in OASIS as that is where your diploma will be sent.

The Office of Decision Support requires all graduation applicants to take a survey in order to collect data for ODS, as well as the Graduate School. That survey affronts the online graduation application.

IMPORTANT NOTES: This does not automatically add the student to the commencement ceremony. Please read below for further details to complete that process and see other important information about graduation.

The student is responsible for checking with your college for any additional graduation requirements and earlier application deadlines they may require. For example, the College of Engineering requires all engineering students to apply for graduation in the term prior to the anticipated graduation term.

Any student who completes the graduation survey and applies after the published deadline will not be included in the commencement brochure. Applying late may also possibly prevent the application from being processed in time for the degree to be awarded until the next term, even if all degree requirements are met. In order for a degree statement to appear on your transcript, a graduation survey and application must be submitted whether or not participation in the commencement ceremony is desired.

STEP 2: Clear financial obligations. Financial obligations must be cleared prior to graduation or your diploma will be held upon request of the Cashier. Ensure that all fees are paid to the University in full. These include parking, library, etc. or a hold will be placed on the student record. This will prevent release of the student's diploma and transcripts until all fees are collected and the hold is released.

STEP 3: Check grades. It is the student's responsibility to clear all "I" (incomplete grades) for courses required for graduation, and to provide official hard copy transcripts of all transferred course work needed for graduation at least one term prior to graduation.

STEP 4: Check current semester schedule. You should notify your college of any change or error in their schedule for the current semester, including any adds/drops or withdrawals. Contact the Office of the Registrar if your name does not appear on a class roll for a course in which you believe you are registered.
STEP 5: Check name in student record. The student's diploma name must be consistent with their USF student record. A change of name must be submitted on an official Change of Name Form (see https://www.usf.edu/registrar/documents/forms/change-of-name.pdf) with substantiating documents. The student must signify on the form if the changed name is to be listed on your diploma instead of the one in your student record. It is critical that upper/lower case letters, accents, and punctuation be clearly indicated on the application.


Academic Residence

Any credits transferred from a University of South Florida accredited institution must be processed as transfer credits from any regionally accredited institution.

Candidates for graduation must have completed at least 30 hours of the last 60 hours of their undergraduate credits in courses offered by the USF System Institution, home institution, from which the degree will be conferred. Individual colleges and programs may have more stringent requirements, approved by the University, such as the number of specific courses in the major that must be completed at the institution from which a student may receive a degree. Exceptions to the above rules may be made for students who are enrolled at other universities in USF approved exchanges, study abroad programs, co-op training programs or correspondence courses from the University of Florida. CLEP credit does not count toward academic residence.

Students successfully must complete at least 50 percent of the required courses in the major in courses offered by the USF System institution conferring the degree. In cases of hardship or lack of course availability, individual exceptions may be approved by the respective college Dean or designee to help ensure timely graduation.

Posthumous Degrees or Degrees in Memoriam

USF System Policy 10-047 (http://regulationspolicies.usf.edu/policies-and-procedures/pdfs/policy-10-047.pdf)

USF may award a posthumous baccalaureate degree to a student who was in good standing at the University at the time of his or her death and who had completed all substantive requirements for the degree.

To award a non-thesis degree, the student must have completed all courses required for the degree. Courses required for the degree, in which the student was enrolled at the time of death, must have been completed to the satisfaction of the faculty so that passing grades might be posted. All other requirements must have been satisfied as well.

To award a thesis degree, all courses must be completed as described above and the thesis must be sufficiently complete to the satisfaction of the faculty so that certification of completion may be posted to the student's record.

Procedures for Award of Posthumous Degrees or Degrees in Memoriam

Department chairpersons, or appropriate faculty members, on their own initiative or upon request of a student’s family, may recommend a posthumous, or an in memoriam degree, by forwarding the recommendation to the appropriate college Dean. If approved by the Dean, the request, accompanied by the supporting documentation, will be forwarded to the Dean of Undergraduate Studies (https://www.usf.edu/undergrad/) respective to the degree type at USF (or to the Chief Academic Officer at USF St. Petersburg or USF Sarasota/Manatee) for approval. If the Dean or Chief Academic Officer approves the recommendation, the institution's Office of the Registrar (https://www.usf.edu/registrar/) will be notified. Posthumous degrees and in memoriam degrees may also be presented to the student’s family in an appropriate setting, which may include commencement held in fall and spring.

Diplomas for posthumous degrees will be identical to other degrees awarded in the same colleges and majors. Diplomas for Degrees in Memoriam will be prepared to read “Bachelor of Arts in Memoriam,” “Bachelor of Science in Memoriam,” etc., depending upon the degree the student was pursuing at the time of death. Undergraduate students who have not chosen a major at the time of death will be awarded the “Bachelor of Arts in Memoriam.”
Honors at Graduation

To be considered for honors at graduation, a baccalaureate candidate must have completed at least 40 credits of graded upper level work at USF and have earned a grade point average (GPA) of 3.50 or higher for all graded coursework attempted at USF. For those students in programs requiring multiple clinical experiences (such as Nursing and Education), a baccalaureate candidate must have completed at least 30 hours of graded upper level coursework and have earned a GPA of 3.50 or higher for all graded coursework attempted at USF. In addition, to be eligible for honors, transfer students and USF students who have postsecondary work elsewhere must have an overall GPA of 3.50 or higher counting all USF courses, as well as, all transferable work attempted at other institutions. The forgiveness policy at USF or other institutions and plus/minus grades awarded at other institutions are not applicable in computing the GPA for honors. In addition, students with a record of academic dishonesty appearing on any transcripts may graduate from a degree program after meeting all degree requirements, but will not be eligible for honors at graduation, including the honor of graduating from the Honors College or a departmental honors program.

- Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.50 but below 3.70 shall receive a diploma designation of cum laude (with honor).
- Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.70 but below 3.90 shall receive a diploma designation of magna cum laude (with high honor).
- Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.90 or above shall receive a diploma designation of summa cum laude (with highest honor).

In addition, each Dean has the option to select on the basis of exceptional achievement 1% of the college’s graduates or one student per semester for graduating with distinction.

Undergraduate candidates with an overall GPA of 4.00 are recognized at the commencement ceremony as King O’Neal Scholars. They will be recognized during the ceremony and presented with a certificate and medallion from the Alumni Association.

For purposes of honors recognition at the Commencement ceremony, students must have a 3.50 GPA before the term in which they plan to graduate to have honors recognized publicly at the Commencement ceremony.

The GPA is not rounded up when determining honors at graduation (e.g., 3.69 is not the same as 3.70). The forgiveness policy at USF and other institutions and plus/minus grades awarded at other institutions will not be applicable in computing the GPA for honors. In addition, students with a record of academic dishonesty appearing on any transcript(s) will not be eligible for honors at graduation.

Commencement Ceremony

Commencement ceremonies are held at the end of each academic semester. Ceremonies are held three times a year in Tampa (Spring, Summer and Fall) with multiple ceremonies hosted in a day.

Students register to participate in a Commencement ceremony through the Commencement website, https://usfweb2.usf.edu/commencement/. Registration for that term’s ceremony is open on the first day of classes for that term.

Deadline for ceremony registration varies by campus. Registration is open to all undergraduate students.

Remember - Graduation is separate process from the Commencement ceremony.

To participate in the Commencement ceremony:

1. Apply to graduate at the Office of the Registrar; submit your application to graduate to receive your diploma at https://www.usf.edu/registrar/resources/graduation.aspx.
2. Register for Commencement ceremony at https://usfweb2.usf.edu/commencement/. Information regarding the ceremony will be mailed to students who apply to graduate by the end of the fourth week of the term.

NOTES:

- Students do not receive their diploma at the Commencement ceremony.
• The list of student names published in the Commencement ceremony program is taken from the list of students who applied to graduate by the end of the fourth week of the term. Students who have elected certain levels of privacy on their records will not have their names published in the Commencement ceremony program.

• Commencement is a most dignified ceremony.

• Academic regalia is required and there is a cost of regalia.

• There is no fee to participate in a Commencement ceremony for graduates and their families and guests.

Additional information about Commencement can be found at [https://usfweb2.usf.edu/commencement](https://usfweb2.usf.edu/commencement) or by calling (813) 974-1816.
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**Undergraduate Studies**
The Office of Undergraduate Studies (UGS) works in partnership with the academic colleges in the development, review and enhancement of the undergraduate programs to assist faculty in providing outstanding undergraduate education for students. The members of the UGS team work with faculty to establish and administer academic policies, assist with undergraduate curriculum development and review, and support proposals for new and revised programs and courses through the various approval processes. In addition to assisting with the academic programs offered by the colleges, Undergraduate Studies offers a number of academic programs.

Undergraduate Studies provides strong set of student success focused departments and initiatives designed to make it more likely that students will successfully navigate the complexities of the transition to college and the baccalaureate experience. Visit the Undergraduate Studies website at https://www.usf.edu/undergrad/ for more information.

Student Affairs & Student Success

Student Affairs is here to help students make their college years some of the best in their life! Every day, our employees come to work with student success at the top of their mind. "Inspiring learning, changing lives, one student at a time" is the motto that guides what all 23 of our departments do. Preparing the student for lifelong success is our mission -- and we're good at it! Visit our website at https://www.usf.edu/student-affairs-success/index.aspx to Be Involved, Stay Well and Get Connected.

Dean of Students

The mission of the Dean of Students Office is to support student learning and development through community building, advocacy, and student engagement.

Goals

- Identify and implement interventions designed to reduce barriers to student success focusing on advocacy, intervention, and emergency response.
- Collaborate with institutional partners to address the needs of the student body targeting identity populations (commuters, graduate students, international students, etc.)
Collaborate with institutional partners to identify and address community behaviors that impede student success.

Create, sustain, and enhance programming initiatives that contribute to community building at USF.

Values

- Advocacy
- Student Empowerment
- Collaboration
- Community
- Conscientious use of best practices

Programs and Services

- Facilitate the Non-academic grievance process
- Advocate and help students navigate university and personal concerns
- President's Lunch-n-Learn
- Respect-a-Bull
- Emergency response
- Off Campus Safety Task Force

Academic Resources

Academic Advocacy

Academic Advocacy
4202 E. Fowler Avenue, SVC 2002
Tampa, FL 33620
(813) 974-2645
https://usf.edu/oaa

The Office of Academic Advocacy (OAA) is dedicated to serving undergraduate students in their pursuit of timely progression to graduation. We work individually with students in academic distress to review their options and collaborate with colleges and university departments to improve progression to graduation.

Undergraduate students identified as experiencing barriers to graduation may receive direct outreach from OAA to review their progress and to advise them towards graduation. Major advisors and university department staff can refer a student to OAA when they perceive an academic barrier to graduation for that student.

Student inquiries and requests for appointments can be submitted via the Office of Academic Advocacy Student Intake Form at https://usf.az1.qualtrics.com/jfe/form/SV_9oGKly2cXBgJPFz.

Academic Success Center

Academic Success Center
University of South Florida
4202 E. Fowler Avenue, LIB 122
Tampa, FL 33620
(813) 974-2729
https://www.usf.edu/undergrad/academic-success-center/index.aspx

The Academic Success Center offers a range of different options for subject-specific tutoring, a comprehensive Writing Studio, and other learning support services in the form of workshops, courses for credit, and specialized program support for several student cohorts ranging from first-year access programs to graduate students.

Program Objectives:

- Recruit, hire, train, support, and retain qualified students as tutors
• Assist students to become confident, self-directed, life-long learners
• Offer a variety of learning support options
• Represent an active concern for students’ academic well-being
• Create an atmosphere of mutual respect and trust for students
• Provide students with accurate, relevant, and appropriate information and referrals
• Continually review policies and practices to ensure that students are appropriately served
• Maintain an inviting, helpful, and approachable manner
• Make every effort to turn each situation into learning experiences for tutors, student-employees, and students
• Refer students as necessary to appropriate university resources for the purpose of enhancing their educational experience

Continuing Education

Corporate Training and Professional Education
4202 E. Fowler Avenue, LIB608
Tampa, FL 33620
(813) 974-5550
CE-Inquiries@usf.edu
https://www.usf.edu/continuing-education/index.aspx

The University of South Florida’s Office of Corporate Training and Professional Education works to extend the reach of USF’s academic programs, and promotes advanced professional development in order to contribute to building a world class workforce in the Tampa Bay Area. We offer professional certificate programs in Elite People Management, Organization Development and Leadership, Project Management, Process Improvement (Lean Six Sigma Certifications), and HR Professionalism. We also offer nationally recognized certification preparation courses for the SHRM CP (the gold standard in Human Resources certification), PMI’s Project Management Professional certification and PMI’s Professional in Business Analysis certification.

USF’s Office of Corporate Training and Professional Education is also proud to announce the launch of the USF Paralegal Certificate Program, the APICS CLTD Exam Preparation Course and the USF 5G Power Skills Certification. Students learn from world-class faculty and industry practitioners in courses that are accessible, affordable, and professionally relevant. The USF Office of Corporate Training and Professional Education also offers test preparation courses for undergraduate and graduate college entrance exams.

Education Abroad

Education Abroad
University of South Florida
4202 E. Fowler Avenue, CGS 101
Tampa, FL 33620
(813) 974-4314
 EducationAbroad@usf.edu
https://educationabroad.global.usf.edu/

Education Abroad offers a variety of study abroad opportunities for students and faculty around the world. Programs include: semester exchanges, dual degree programs, summer and short term programs, international internships, and service learning. Programs range from one week to one year and award academic credit. Education Abroad facilitates the incoming and outgoing exchange process and works closely with our international partner universities to develop new academic programming and exchanges.

The Education Abroad Office provides extensive planning assistance for both students and faculty program leaders, including pre-departure orientation sessions. The staff members have extensive experience in study abroad and are able to offer seasoned, insightful advising and information to anyone considering or planning a study abroad experience. For more information on How To Apply, visit our website at: https://educationabroad.global.usf.edu/.
The English Language Program's mission is to support the University of South Florida in its mission to increase global literacy and global engagement by providing an academic learning environment where international students can develop their English language proficiency. Our faculty deliver content-based language courses designed to help students acquire knowledge, think critically, communicate ideas, and demonstrate their competence in English through integrated tasks and projects. These courses provide international students with a foundation for success in reaching their academic and professional goals at the University of South Florida.

Programs and Courses

The English Language Program offers a variety of programs for students. Programs include Academic English courses, as well as customized programs for various groups. The mentoring program provides an opportunity for master's and doctoral students to get hands-on teaching experience while working closely with one of our experienced teachers. We also work with organizations both at USF and elsewhere to help train language teachers.

- Academic English Program - The Academic English Program provides intensive English and academic skills training to students interested in studying at USF. The project-based, content-focused curriculum helps prepare students for the demands of attending an American university.
- Special Programs - The ELP offers a variety of Special Programs, custom-designed for groups including programs for teens, academic researchers, military personnel, English teachers, and executives.

Global Citizens Project

The Global Citizens Project is a university-wide initiative aimed at enhancing undergraduate students' global competencies through the development of new and improved curricular and co-curricular experiences. USF envisions itself as a global research university dedicated to student success.

The Global Citizens Project is made possible through our reaffirmation of accreditation process by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC). Every 10 years as part of our reaffirmation by SACSCOC, USF must develop a Quality Enhancement Plan, or QEP. A QEP is a plan to enhance student learning in a particular area that is deemed important by the university and aligns with the university's strategic plan. We have selected global citizenship as the area of learning to focus on this reaffirmation cycle and so have named our QEP, The Global Citizens Project.
INTO University of South Florida

4202 East Fowler Avenue, FAO100
Tampa, Florida 33620 USA
813 905 4686
FAX: 1 813 905 9686
INTOadmissions@usf.edu
https://www.intostudy.com/usf/apply
WhatsApp: +1 813 441 257

The Academic English Program at INTO USF will prepare you for university study at both the undergraduate and graduate levels. This unique curriculum is created to work in small groups with other students to complete academic projects.

Program Structure:

- 6 levels of instruction from beginner to advanced
- 18 hours of classes per week
- 3 hours of interest groups per week
- 3-7 hours of outside cultural activities per week
- 15-20 hours of homework to prepare for classes
- 2 hours of Academic English Extended Learning instruction (optional, but may be required for sponsored students)

Office of Undergraduate Research

Office of Undergraduate Research
University of South Florida
4202 E. Fowler Avenue, LIB 122
Tampa, FL 33612
(813) 974-2729
https://www.usf.edu/our

The Office of Undergraduate Research (OUR) engages students from admissions to graduation in the pursuit of undergraduate research: an inquiry or creative project that makes an original contribution to their discipline. We are committed to OUR students, OUR community, and OUR future through targeted activities to generate meaningful narratives for inspiring exemplary support. We seek to empower the next generation of citizen scholars, equipped with 21st century workforce skills for a global environment, to fulfill USF’s vision for students: lifelong success.

SMART Lab

SMART Lab
4202 E. Fowler Avenue, LIB 232
Tampa, FL 33620
(813) 974-9944
smartlab@usf.edu
https://usf.edu/smartlab

The SMART Lab is an innovative learning environment dedicated to supporting students in introductory math courses through tutoring assistance and technology. In the 324-computer lab, students enrolled in SMART Lab courses use software to complete assignments at their own pace, receive instant feedback as they learn mathematics by doing, and get on-demand assistance from instructors, tutors or teaching assistants. In the drop-in tutoring areas, students enrolled in introductory Calculus, Statistics, and Physics courses can also receive learning assistance from peer tutors.

Our goal is to help students build a foundation of study skills that will allow them to learn mathematics and progress towards becoming independent learners. To seek help in SMART Lab courses, complete lab work, or ask additional questions visit us during our hours of operation on the second floor of the Library, LIB 232.
Tutoring Center

University of South Florida
4202 E. Fowler Avenue, LIB 206
Tampa, FL 33620
(813) 974-2729
asc.tampa@usf.edu
https://www.usf.edu/undergrad/academic-success-center/tutoring/

The Academic Success Center offers USF students tutoring assistance in a wide variety of subjects. Help is available on a drop-in basis or via appointments in a collaborative peer-to-peer group setting. A list of the courses tutored can be found in Courses Tutored on our website (https://www.usf.edu/undergrad/academic-success-center/tutoring/courses-tutored.aspx). If you don't see what you're looking for, come to the ASC in LIB 206 during our hours of operation and let us know what you need.

The USF Library System

USF Library
4202 E. Fowler Ave. LIB 122
Tampa FL 33620
(813) 974-1611
libraryservicesdesk@usf.edu
https://www.lib.usf.edu/

The USF Tampa Library offers access to an extensive selection of print and electronic resources, including books, maps, e-journal, e-books, and countless databases. There is also a collection of audio/visual materials including videos, CDs, DVDs, and even LPs.

The Tampa Library is a comfortable and inviting place for students and faculty to meet, study, conduct research, and complete group assignments. Library facilities provide wireless access, electrical connections for laptops, individual and group study seating and instructional labs. The Learning Commons (LC) on the first floor has over 140 computer workstations, as well as the Library Services Desk, a state-of-the-art Digital Media Commons, the Digital Heritage and Humanities Collections and the IT Helpdesk. The Academic Success Center, on the second floor, includes the SMART Lab, with an additional 354 computer workstations and the Writing Studio. Other Library partners include the Office for Undergraduate Research, Division of Health Professions Advising and a Starbuck’s Café.

Students and faculty also have access to specialized research assistance and information literacy instruction from our librarians. Assistance is available from research and reference librarians either by appointment, on-line via our website, by phone, or in a classroom setting.

In addition to the Tampa Library, there are two affiliated regional libraries and two special libraries. At USF Tampa are the Shimberg Health Sciences Library (https://health.usf.edu/Shimberg-library/), serving the needs of USF Health consisting of the Colleges of Medicine, Nursing, Pharmacy, Physical Therapy, and Public Health; and the Louis de la Parte Florida Mental Health Institute (FMHI) Research Library (https://lib.usf.edu/fmhi/) serving the College of Behavioral and Community Sciences. In addition, there is the University of South Florida St. Petersburg, home to the Nelson Poynter Memorial Library (https://www.usfsp.edu), and the University of South Florida Sarasota-Manatee campus (https://www.usfsm.edu).

USF Testing Services

USF Testing Services
4202 E. Fowler Avenue, NEC 116
Tampa, FL 33620
(813) 974-2742
testing@admin.usf.edu
https://www.usf.edu/testing-services/

USF Testing Services is an auxiliary unit within Innovative Education. It supports the university's strategic efforts to ensure student success and program innovation by administering entrance and placement, certification and licensure, distance learning and pre-employment exams for numerous agencies, businesses and institutions.

Testing Services accommodates USF and non-USF customers, and delivers more than 1,000 exams per month. Students and professionals alike may take advantage of Testing Services’ portfolio of exams.
In 2013, Testing Services was awarded Test Center Certification by the National College Testing Association (NCTA), a non-profit organization of testing professionals working in post-secondary institutions, in companies with test-related products and services, and in other professional testing venues.

The Writing Studio

The Writing Studio
University of South Florida
4202 E. Fowler Avenue, LIB 122
Tampa, FL 33620
(813) 974-2729
https://www.usf.edu/undergrad/academic-success-center/writing-studio/

The Writing Studio offers free appointments with experienced writing consultants to all active USF students, faculty, and staff. You will have 45 minutes to talk with a writing consultant, who will ask you questions about your writing goals and concerns. Consultants may not be able to read your entire draft, so please indicate which sections you would like to focus on during your appointment (a typical session covers 3-5 pages at most). Please keep in mind that consultations are interactive and collaborative, so come prepared to work actively on your writing.

What Writing Projects Can I Bring to a Consultation?

Writing consultants look at a wide variety of writing. Consultations can be used for brainstorming/soundboarding (so some sessions may not address any writing but address pre-writing instead). Consultations also look at all disciplines of writing, including research papers, lab reports, articles for publications, theses, dissertations, discussion board writing/writing for the web, and much more. Additionally, consultations can address professional/academic documents, such as resumes, CVs, cover letters, personal statements, scholarship essays, grant writing, tenure portfolios, etc. The Studio also offers multimodal consultations, meaning consultants can work with clients on digital portfolios, presentations/speeches, PowerPoints, or other digital "writing." Clients can also receive help on test prep, especially the writing/English sections of the GRE and the GKT (note that for test prep sessions, clients should plan on bringing in their own materials).

Academic Advising Resources

Academic Advising for Undergraduate Students

Undergraduate Academic Advising Offices

- College of Arts and Sciences advisors - https://www.cas.usf.edu/students/advising/ug/
- College of Behavioral & Community Sciences - https://www.usf.edu/cbcs/undergraduate/advising.aspx
  - Office: MHC 1143
  - Phone: 813-974-8441
- Muma College of Business - https://www.usf.edu/business/undergraduate/advising/
  - Office: BSN 2102
  - Phone: 813-974-4290
  - Office: EDU 106
  - Phone: 813-974-2979
- College of Engineering - https://www.usf.edu/engineering/student-services/academic-advising/
  - Office: ENC 1302
  - Phone: 813-974-2684
- College of Nursing - https://health.usf.edu/nursing/advising/undergrad.html
  - Office: MDA 1002
  - Phone: 813-974-2191
STUDENT SERVICES AND RESOURCES

- College of Public Health - https://health.usf.edu/publichealth/undergrad/advising.htm
  o Office: CPH 1039
  o Phone: 813-974-4633
- College of The Arts - https://www.usf.edu/arts/advising/
  o Office: FAH 120
  o Phone: 813-974-3660
- Honors College - https://www.usf.edu/honors/prospective-students/advising.aspx
  o Office: ALN 241
  o Phone: 813-974-3087
- Office of Academic Advocacy - https://www.usf.edu/undergrad/academic-advocacy/
  o Office: SVC 2043
  o Phone: 813-974-2645
- Undergraduate Studies (UGS) Degree Programs (BSAS & BGS) - https://www.usf.edu/undergrad/programs/ugs-degree-programs-staff.aspx
  o Office: SVC 2002
  o Phone: 813-974-4051

USF St. Petersburg - http://www.usfsp.edu/academic-advising/
USF Sarasota-Manatee - http://usfsm.edu/advising/

DegreeWorks Academic Advising System

DegreeWorks is a web-based degree audit and tracking system helping students and academic advisors monitor progress toward degree completion. It provides academic information related to degree progress and displaying courses required and completed in the student's degree program. Access DegreeWorks using the student's activated USF NetID.

Note: Graduate, professional, and non-degree seeking students do not use DegreeWorks at this time.

Transitional Advising Center (TRAC)

Making the transition from high school or from another institution to a major research university is both exciting and challenging. Academic Foundations and Academic Transitions seminar courses are designed to support students during this time of adjustment and acclimation.

Contact us by email: academicfoundations@usf.edu
Undergraduate Studies Office of Academic Advising Initiatives

The Office for Academic Advising Initiatives provides coordinating support and leadership for undergraduate academic advising across USF in collaboration with the Council on Academic Advising, college advising leadership, and other administrative units. We serve many different audiences and areas across the university in a number of different ways including:

- Serving undergraduate students in their pursuit of timely progression to graduation.
- Administration of the Career Path for Academic Advisors along with a Professional Development Program to support academic advisor growth on the Career Path.
- Building collaborative relationships and shared processes with local state and community colleges to enhance the transfer process for students.
- Designing processes and supporting systems to provide undergraduate students and academic advisors with resources for effective planning of students' academic pathways.

For more information:

Location: Student Services Building (SVC), Room 2002
Email: fhoward@usf.edu
Phone: (813) 974-4051

Academic Program Services & Resources

College Reach-Out Program (CROP)

College Reach-Out Program (CROP)
University of South Florida
4202 E. Fowler Avenue, SVC 2002
Tampa, FL 33612
(813) 974-4051
anixon@usf.edu
https://www.usf.edu/undergrad/crop/index.aspx

Success Is a Journey, Not a Destination!

College Reach-Out Program (CROP) is a statewide pre-college program established in 1983 designed to increase the number of students who successfully enter and 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 7 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.”

Experiential Learning Programs

Experiential Learning Programs
University of South Florida
4202 E. Fowler Avenue, ALN 185
Tampa, FL 33620
(813) 974-4829
https://www.usf.edu/engagement/students/experiential_learning_programs.aspx

Experiential learning is an essential part of higher education at all levels. Internships, practicums, field experiences, professional field placements, clinical residencies, service-learning and cooperative learning all provide opportunities to bridge theory and practice while preparing students for successful transition into the world of work.

USF offers a wide variety of experiential learning programs in many disciplines. Browse experiential learning programs by college and department by visiting our website.
First Year Academic Programs
Student Services Building (SVC) 2002
(813) 974-4051
https://www.usf.edu/undergrad/academic-foundations/index.aspx

To support incoming students in their pursuit of academic and personal success, First Year Academic Programs offers three courses: University Experience, Academic Foundations Seminar, and Academic Transitions Seminar. The elective credit earned from these courses can be applied to any undergraduate degree program.

SLS 1101 University Experience and SLS 2901 Academic Foundations are designed specifically for first-year students to acclimate to USF. These courses provide the necessary support and assistance needed during a student's transition to university life. The curriculum addresses the opportunities and challenges related to new responsibilities, expectations and academic experiences at a university. The goals of SLS 1101 and SLS 2901 are to help students develop effective academic skills, build community, learn about campus resources, and explore personal goals. Course topics include: study strategies, time management, career development, critical thinking, effective writing, financial literacy, personal wellness, university resources, and involvement in the campus community.

To support USF transfer students, SLS 3113 Academic Transitions helps to facilitate transfer students' academic integration into a research university. In this course, transfer students will understand the academic standards and expectations at a research university; learn strategies for overcoming transfer shock and other challenges in adjusting to a new institution; recognize practices that promote financial literacy, and prepare for their post-graduation plans.

Through these different student success courses, USF offers new students the tools to succeed at a high impact research institution. Data continues to show that students at USF who take these courses earn higher grades and graduate faster than students who do not participate.

FUSE

Student Services Building (SVC) 2002
(813) 974-4051
transfer-advising@usf.edu
FUSE@usf.edu

The FUSE program of the University of South Florida System is designed to promote timely degree completion for students transferring from the local Florida College System Institutions to USF System institutions to earn their Bachelor's degree. Students admitted to the FUSE program will be placed on an academic path that provides a seamless transition from Florida College System (FCS) partner schools to the USF System institution of their choice. This allows for timely completion of both the A.A. and Bachelor's degrees. Students admitted to the program will be guaranteed admission to a USF System institution provided that they earn their Associates of Arts degree in 3 years, with a minimum grade point average of 2.0. Students seeking admission into limited or restrictive access majors will have to meet additional specific requirements such as GPA or test scores.
New Student Connections

University of South Florida
4202 E. Fowler Avenue, MSC 3200
Tampa, FL 33620
(813) 974-2896
Newstudent@usf.edu

The mission of New Student Connections (NSC) is to create and support shared USF experiences that connect students to the campus community and provide for a successful transition. The department accomplishes its purpose by introducing students to engagement opportunities, exposing students to the diversity at USF, and providing access to small communities where students develop meaningful relationships with their peers, student leaders, and staff mentors who support their growth and development. NSC programs and services build on the knowledge that a student has received, provide a progression of learning experiences that complement one another, and offer timely information so they are better prepared to excel academically and become active members of our campus community. For more information, visit https://www.usf.edu/student-affairs/new-student/.

Student Support Services (SSS)

Student Support Services (SSS)
University of South Florida
4202 E. Fowler Avenue, SVC 2002
Tampa, FL 33612
(813) 974-4301
UGS-AskSSS@usf.edu
https://www.usf.edu/undergrad/sss/index.aspx

The Student Support Services Program (SSS) is a federally funded retention program designed for students who have been identified as having an academic need and either first generation college student, as having low-income family status, or both. Based on evidenced based research SSS is designed to significantly increase the retention and graduation rates of the participants it is funded to serve. We are committed to providing proactive, intrusive, comprehensive and innovative services to enhance our student's success at USF. SSS provides a plethora of services including individualized academic advising, counseling, coaching, laptop loan program, SSS Summer Program, Living Learning Community, financial aid assistance SSS scholarships, social and cultural enrichment programs, employment and workshops that broaden career perspectives, improve academic skills, promote self-confidence and address various non-cognitive factors.

Student Benefits

- The summer program is free to all students who complete a FAFSA and meet low-income requirements (tuition, housing, books, meals)
- SSS students who qualify may receive the SSS scholarship
- Receive personalized academic advising and counseling
- Receive priority summer housing and participate in the SSS Living Learning Community
- Receive a head start on the fall curriculum by earning nine (9) credit hours
- Enhance study-skills and problem solving
- Explore career goals or major choice
- Discover the campus and the surrounding Tampa Bay area
- Make friends at the university

Contractual Agreement

Program participants are expected to abide by the SSS contractual agreement made upon their entrance to the institution. Following the guidelines has successfully benefited our students in that an average of 85-95% have remained in good academic standing each year.
As a student in our program, you are responsible to maintain contact with your SSS counselor, participate in student success workshops, become a member of the S Club, take advantage of our laptop loan program, utilize the SSS computer lab, and participate in program events and activities.

### Upward Bound Program

**Upward Bound**  
University of South Florida  
4202 E. Fowler Avenue, SVC 2002  
Tampa, FL 33612  
(813) 974-4051  
[https://www.usf.edu/undergrad/ub/](https://www.usf.edu/undergrad/ub/)

The University of South Florida Upward Bound Program (UBP) is a TRIO (https://www2.ed.gov/programs/trioupbound/index.html) college-access program funded by the United States Department of Education.

- The goal of UBP is to increase the rate at which participants complete secondary education and enroll in and graduate from institutions of post-secondary education.
- USF UBP serves Hillsborough County high school students ([https://www.usf.edu/undergrad/ub/program-eligibility.aspx](https://www.usf.edu/undergrad/ub/program-eligibility.aspx)) living in low-income households or households in which neither parent holds a bachelor's degree (first-generation college students).
- Services ([https://www.usf.edu/undergrad/ub/services.aspx](https://www.usf.edu/undergrad/ub/services.aspx)) also include instruction, tutoring, counseling, mentoring, cultural enrichment, campus tours, and a college residential experience.
Student Services and Resources

Arts & Culture

Arts & Culture  https://www.usf.edu/campus-life/arts-culture.aspx
The Arts at USF thrive with more than 300 yearly concerts, performances, exhibitions, lectures, symposia and festivals open to students and the community, many free of charge.

- College of The Arts Events - https://www.usf.edu/arts/
- Botanical Gardens - http://gardens.usf.edu/

Athletics

University of South Florida Athletics Department
4202 E. Fowler Ave., ATH 100
Tampa, FL 33620
(813) 974-2125
http://gousfbulls.com/

The University of South Florida System Athletic Department is committed to providing all student-athletes with opportunities to receive a world-class education, win championships, and develop into the leaders of tomorrow while embracing our partnerships within the Tampa Bay community.

Campus Recreation Services

Campus Recreation Department
4202 E. Fowler Avenue, REC 111
Tampa, FL 33620
(813) 974-7084
https://www.usf.edu/student-affairs/campus-rec/
Email form: http://www.sa.usf.edu/forms/campus-rec/form.asp?type=question

The University of South Florida Campus Recreation Department is home to the Campus Recreation Center. This is a state-of-the-art fitness facility, located on the USF main campus in Tampa, FL. Spanning over 180,000 square feet, the recreation center offers a wealth of space and activities including:

- Two Gymnasiums, with the ability to host Badminton, Basketball, and Volleyball Contests
- An indoor suspended track
- Five four-walled racquetball courts and one squash court
- An indoor heated pool
- Racquetball & Handball Courts
- Squash Court
- Multipurpose Rooms
- Andros Tennis Courts

In addition to the indoor facilities, the Campus Recreation department also has the following facilities:

- The brand new satellite fitness facility located in the Village housing area (The Fit)
- The satellite fitness facility located in the USF Health area (The WELL)
In addition, the USF Campus Recreation Department offers a variety of intramural sports, sport clubs, aquatic programming, adventure travel, an outdoor resource center, and a fitness program complete with daily group fitness classes. The Campus Recreation Center also has an equipment check out service, daily use lockers, and expansive cardio and fitness floors with state of the art cardio and strength equipment.

USF Campus Recreation also maintains outdoor facilities for use by USF students, faculty, staff, and other affiliate members. These facilities include 13 football and soccer fields, 2 softball fields, 16 tennis courts, a 1.2 mile shaded running trail, and Riverfront Park (located on Fletcher Ave. Includes boat rental, picnic facilities, challenge course, and sand volleyball).

Career Services

Career Services
4202 E. Fowler Ave. SVC 2088
Tampa, FL 33620-6930
(813) 974-2171
CareerServices@usf.edu
https://www.usf.edu/career-services/

For students: Find information about selecting a major (or picking a new one!), information about career options, how to secure an internship or co-op, and resources for your job search. You can also check out important information about upcoming events and our Career Preparedness Certification program.

For parents, family, and friends of current USF students: Visit our website to review the content that we’ve put together specifically for you! This information can help you guide your student as they navigate their career development path.

We’re a member of the Florida Career Centers (FCC) organization, a consortium representing many of the career services leaders at State University System institutions. The FCC meets 3 times per year, throughout the state, collaborating with area employers and serving as the host of the Statewide Job Fair, held annually in May. We’re also proud to be a member of the National Association of Colleges and Employers, a national organization committed to providing standards, ethical guidelines, advocacy, and guidance on key issues for our profession.

Suit-A-Bull

Suit-A-Bull
4202 E. Fowler Ave. SVC-2060
Tampa, FL 33620-6930.
(813) 974-1407
https://www.usf.edu/career-services/students/suit-a-bull.aspx

Suit-A-Bull, organized by Enactus at USF in partnership with the office of Career Services, is a free suit rental service for USF students. Suit-A-Bull has over 600 items including suits, jackets, pants and shirts for both men and women.

Center for Leadership & Civic Engagement

Center for Leadership & Civic Engagement
Marshall Student Center, Student Life Tower, 1st & 3rd Floors
4202 E. Fowler Ave, MSC 4100
Tampa, FL 33620
Main Office: (813) 974-7595
https://www.usf.edu/CLCE

The Center for Leadership and Civic Engagement (CLCE) trains, educates, and develops USF community members to be effective, ethical, and positively engaged leaders among the global community. Our programs help each student discover their passion and talents, while developing their skills and understanding of leadership and active citizenship.
Center for Victim Advocacy & Violence Prevention

Center for Victim Advocacy
4202 E Fowler Avenue, SVC 2058
Tampa, Florida 33620
Office: (813) 974-5756
Victim Helpline: (813) 974-5757
va@admin.usf.edu
https://www.usf.edu/student-affairs/victim-advocacy/

The Center for Victim Advocacy provides free and confidential services to USF students, faculty, and staff. We serve men, women, and people of all sexual orientations, gender identities, and gender expression who have experienced crime, violence or abuse on or off campus either recently or in the past.

Child Care

USF offers on-campus childcare options for students, faculty and staff, including Bright Horizons at USF (monthly tuition rates ranging from $682 to $1,200), and the USF Preschool for Creative Learning, a partner with the USF College of Education.

USF Family Center
3125 USF Banyan Circle
Tampa, FL 33612
https://child-care-preschool.brighthorizons.com/fl/tampa/usf

Enrollment Information: 877-624-4532
Phone: 813-974-8500
Hours of Operation: M-F: 7:00 a.m. to 6:00 p.m.
Ages Served: Infants, Toddlers, Preschool, Kindergarten Prep, Summer Camp

USF Preschool for Creative Learning
11811 Bull Run Drive
Tampa, FL 33617
PCLinfo@coedu.usf.edu
http://www.usfpcl.org/
(813) 974-5142

Copy Services

USF Print Shop
Marshall Center
(813) 974-9923

University of South Florida and RICOH have partnered to offer students and faculty a full range of business services to assist with their everyday needs. The USF Print Shop can produce crisp, clean copies, prints, professional binding and finishing. They can also help with quality prints of posters, signs, banners, postcards, business cards, program booklets, brochures, and traditional-sized photos.

Counseling Center

Counseling Center
4202 E. Fowler Ave. SVC-2124
Tampa, FL 33620-6930.
813-974-2831
https://www.usf.edu/student-affairs/counseling-center/

Monday 8:00am - 6:00pm
Tuesday - Thursday 8:00am - 7:00 pm
Friday 8:00am - 5:00pm
Closed University holidays

Extended hours are available at satellite clinic locations on-campus. Twenty-four hour telephone consultation is also available. For additional information, call 813-974-2831.
The Counseling Center offers comprehensive psychological services to help students navigate the challenges of college life and take advantage of opportunities for personal growth. Learn about the psychological services, workshops, counseling and treatment programs available.

Dining Services

USF Dining Services
4202 E. Fowler Avenue, AXA 0094
Tampa, FL 33620
813-974-5021
https://usf.campusdish.com/

The campus dining experience is an integral part of the University of South Florida with over 25 dining locations on campus to serve you. Visit Dining Services website to view dining locations and all of the wonderful options offered.

Meal Plan

Meal plans are convenient, flexible, and loaded with options. Each meal plan comes with meal swipes to use at our three dining halls and dining dollars to use at one of our various retail locations. The ability to dine at all of the dining locations all across campus gives students a range of menus and offerings. Students will get guaranteed value, whether they eat on campus three times a week or three times a day! We’ve got students covered.

See our Meal Plan options at our website at https://usf.campusdish.com/MealPlans.

Disability Services for Students

Students with Disabilities Services
4202 E. Fowler Avenue, SVC 1133
Tampa, FL 33620
(813) 974-4309
sa-sds-information@usf.edu
https://www.usf.edu/student-affairs/student-disabilities-services/

Students with Disabilities Services promotes equitable and accessible education, meaningful self-advocacy, awareness of disability issues and inclusiveness for the USF community. Learn about accommodations, programs and assistive technologies designed to support USF students.

Equity and Diversity

Diversity, Inclusion and Equal Opportunity
4202 E. Fowler Avenue, ALN 172
Tampa, FL 33620
(813) 974-4373
https://www.usf.edu/diversity/

We foster an institutional climate that is welcoming, inclusive, and safe for students, faculty, staff and visitors. As a system-wide office we promote initiatives that contribute to the diversity of our institution and celebrate the rich heritage in our campus community and the region. We provide oversight for equal employment opportunity, as well as processes to mitigate harassment and discrimination. Additionally, we coordinate Title IX services in conjunction with other units to prevent sexual violence and create a culture of safety.

Faith-Based Organizations

The Religious and Spiritual Life at USF is a network of member faith communities committed to an agreed upon set of ethical standards. We provide access to programs, services, and activities that encourage a campus atmosphere of healthy religious and spiritual expression. This is accomplished through meetings, resources allocation, and collaboration between member organizations and the Division of Student Affairs.

For more information, visit http://www.rsl.usf.edu/page.asp?id=79
**Feed-A-Bull**

**Feed-A-Bull Food Pantry**
4202 E. Fowler Avenue, SVC 005
Tampa, FL 33620
(813) 974-5884
feedabull@usf.edu

Feed-A-Bull is a campus food pantry initiative spearheaded by Student Health Services, the Office of Student Outreach and Support (SOS) and Feeding America Tampa Bay. Feed-A-Bull is available for enrolled USF students on the USF Tampa campus. It was created to address food insecurity by providing supplemental food to students in need, as well as education and resources to students related to purchasing and preparing balanced food on a budget.

**Expanded space! SVC 005 (next to Oracle, basement of the Student Services Building)**
Monday: 5:00pm - 7:00pm
Tuesday: 9:00am – 12:00pm
Wednesday: 1:00pm – 4:00pm
Thursday: 5:00pm – 7:00pm

Please note: check our website for operational hours or closure on University breaks

**Fraternity/Sorority Life**

**Fraternity/Sorority Life**
4202 E. Fowler Avenue, MSC 2306
Tampa, FL 33620
(813) 974-1001
getinvolved@usf.edu

Hours: Monday - Friday, 8:00 am - 5:00 pm

Being a member of a Greek lettered organization at the University of South Florida is a great opportunity to develop as a person and to enhance the collegiate experience. Through membership development programs that the office hosts to philanthropies created by each organization, members of the Greek community are exposed to multiple learning and growth opportunities. Being a member of a fraternity/sorority means joining an organization that is bigger than yourself where you learn about personal values and ethics and finding that organization that has the values and morals that align with your own. This aspect is something that is unique to a Greek Lettered organization and that no other student organization can offer to the average student.

**Health Services**

**USF Student Health Services**
General Info / Appointment Line: 813-974-2331
After Hours Telephone Consultation: 813-974-2331
TDD: 813-974-1758 Fax: 813-974-7181
Immunization Office: 813-974-4056 or immunization@shs.usf.edu
Insurance Compliance Office: 813-974-5407 or insurance@shs.usf.edu
USF Bulls Country Pharmacy: 813-974-2071
usf.edu/BCpharmacy
Feed-A-Bull Food Pantry: 813-974-5884 or feedabull@usf.edu
Clinical Hours, Medical Clinic located at SHS 100
- Fall & Spring Semesters: 8:00am - 5:30pm
- Summer Semester: Monday - Friday 8:00am - 4:30pm
- Break Weeks: 8:00am - 4:30pm

Immunizations, Insurance, and Laboratory Hours
- Immunizations and Insurance Compliance are open from 8:00am - 5:00pm in Student Health Services Annex
- Laboratory is open from 8:00am - 5:00pm within the Medical Clinic at SHS 100

Pharmacy, located in MSC 1504
- Fall & Spring Semesters: 9:00am - 5:30pm
- Summer Semester & Break Weeks: 9:00am - 5:00pm

Feed-A-Bull Food Pantry in SVC 005
- Please check website https://www.usf.edu/student-affairs/student-health-services/services/feed-a-bull-food-pantry.aspx for operational hours

The services provided by Student Health Services (SHS), in collaboration with the other Wellness USF departments, can help you achieve and maintain a healthy lifestyle, and thereby support your academic success. Whether you are sick, injured, managing a chronic health problem, or working to develop a healthier lifestyle, Student Health Services is here to help! Our mission is to provide students with high-quality health care and education to strengthen student learning and promote lifelong success through health and wellness. We combine a wide range of medical, counseling, prevention, and wellness services to help students remain healthy and succeed academically. All services are subsidized by your tuition, allowing us to offer general medical consultations at no out-of-pocket cost and quality specialty services at student rates. We can even bill private insurance or put fees on your OASIS account, so you don’t delay medical treatment or necessary medication.

SHS operates with an open access appointment system in order to accommodate same day appointments. We will schedule you for the first available appointment based on the type and urgency of your medical symptoms. Students can schedule an appointment by calling, visiting in person or online through usf.edu/SHS but additional details may be required. We have an on-site laboratory, participate with e-prescribing, and offer a secure health portal where you can communicate with your medical team. SHS respects patient confidentiality. We utilize electronic health records and medical records are managed in a strictly confidential manner.

Feed-A-Bull is a Tampa campus food pantry initiative spearheaded by Student Health Services, the Office of Student Outreach & Support (SOS) and Feeding America Tampa Bay. Feed-A-Bull is available to students enrolled on the USF Tampa campus. It was created to address food insecurity by providing supplemental food to students in need, as well as education and resources to students related to purchasing and preparing balanced food on a budget.

Housing & Residence Education
University of South Florida
4202 East Fowler Avenue RAR229
Tampa, Florida 33620-7700
813-974-0001
housing@usf.edu
https://www.usf.edu/housing/

The transition to college is a big one. We want you to know that the residential experience at USF is characterized by support, strong interpersonal connections, and academic engagement. We are here for you, and our residents are here for each other.
Information Technology

4202 E. Fowler Avenue, SVC 4010
Tampa, FL 33620
(813) 974-1222
help@usf.edu
https://www.usf.edu/it/index.aspx

Students can find many of the resources they need to attend class at our website https://www.usf.edu/it/index.aspx. Learn about MyUSF, how to print on campus, information on connecting to the wireless network, and more.

Wireless Services

Wi-Fi is available in nearly all academic buildings and many outdoor areas utilizing the USF-Gold, USF, USF-Guest, or eduroam networks. Students can use Wi-Fi compatible devices anywhere service is provided; most locations also support the higher speed 802.11a/n/ac standards. Wi-Fi service is provided free of charge to current USF students, faculty and staff. USF has a computer network that covers practically the entirety of the campus, with almost all buildings having fiber optic cable into wiring centers to allow for high-speed connections to the redundant, double-starred 10 Gigabit per second campus backbone. For more information, visit https://www.usf.edu/it/class-prep/wireless.aspx.

Marshall Center

Marshall Student Center
4202 E. Fowler Avenue, MSC 4100
Tampa, FL 33620
(813) 974-3180
https://www.usf.edu/student-affairs/msc/

The Phyllis P. Marshall Student Center is the heart of campus. At over 230,000 square feet the MSC welcomes over 10,000 students, staff, and visitors every day. The Marshall Student Center is a vibrant gathering place that strengthens a person's connectivity to USF, cultivates a sense of community, and hosts campus traditions by providing exceptional facilities, event services, and student employment opportunities.

Multicultural Affairs

Office of Multicultural Affairs
4202 E. Fowler Avenue, MSC 3300
Tampa, FL 33620
(813) 974-5111
sa-OMA@usf.edu
https://www.usf.edu/student-affairs/multicultural-affairs/

Monday-Friday from 9:00am-5:00pm

The Office of Multicultural Affairs coordinates educational, cultural, and social programs to foster experiences, which create interculturally mature global citizens who are prepared to thrive in diverse environments. While promoting intercultural dialogue, awareness, advocacy and respect for diversity, OMA helps students understand and appreciate a multitude of identities. Through programming, trainings, and direct connections with our staff and services, OMA creates an inclusive environment enabling students to become conscientious global citizens.

Parking and Transportation Services

Parking and Transportation Services
4202 E Fowler Avenue, PSB101
Tampa, Florida 33620-7700
(813) 974-3990
psweb@usf.edu
https://www.usf.edu/administrative-services/parking/

Our division is responsible for the overall management of the Bull Runner Transit System and parking facilities and services. We are committed to providing guidance and assistance to the USF community and our guests with all their parking and transportation needs in a professional and courteous manner.
Parking on Campus

Bus Service (Bull Runner)

Electric Vehicle Charging Stations

USF Tampa Campus currently has 5 electric vehicle (EV) charging stations as part of the ChargePoint Network. ChargePoint is the world's largest and most open electric vehicle charging network with over 25,300 locations. For more information, see https://www.usf.edu/administrative-services/parking/parking/ev-charging-stations.aspx.

ChargePoint allows EV drivers to find and check charging station availability in real time at https://na.chargepoint.com/charge_point.

Postal Services

USF Post Office
University of South Florida
4202 E Fowler Ave STOP PPA109
Tampa, FL 33620-9951
(813) 974-2606
E-Mail: bulkmail@admin.usf.edu
https://www.usf.edu/administrative-services/facilities/services/post-office/

The USF Post Office is responsible for providing mail service to students and employees as well as operating a full service post office that is open to the public. The US Post Office Contract Unit is open to the public for retail sales.

The USF Post Office rents university owned mailboxes for personal use. These mailboxes are accessible 24 hours a day, seven days a week. However, mail that is too large to fit in the mailbox and mail that requires a signature, needs to be retrieved during Post Office business hours.

Business Hours: 9 a.m. to 4 p.m., Monday-Friday

Safety and Security

Police Department
4202 E. Fowler Ave, UPB002
Tampa, FL 33620
Main Office: (813) 974-2628
Fax: (813) 974-5616
IN AN EMERGENCY DIAL 911

The University Police Department is a full-service law enforcement agency serving and protecting the university community. Officers patrol the campus and surrounding areas 24/7. Learn more about the USFPD, get activity reports and more.

- Active Shooter Information
- Bicycle Registration - Bicycle Anti-Theft (BAT) Program
- Campus Safety Guide
- Campus Security Authorities
- Crime Alert Information
- Educational Programs
- MoBull Messenger & Guardian
- Operation ID
- SAFE Team
- Self-defense For Women - Rape Aggression Defense (R.A.D.) Class
- Sexual Predators/Offenders Alerts
- Street Smart
Students of Concern Assistance Team (SOCAT)

SOCAT is an interdisciplinary team, which reviews referrals for students whose behavior presents a disruption to campus or a concern for safety. SOCAT meets weekly, or as needed, to assess referrals, develop action plans, and monitor red flag behaviors across the campus community.

Student Government
4202 E. Fowler Avenue, MSC4300
Tampa, FL 33620
813-974-2401
studentgovernment@usf.edu
https://www.usf.edu/student-affairs/student-government/

Student Organizations
Center for Student Involvement
4202 E. Fowler Avenue, MSC 4100
Tampa, FL 33620
(813) 974-1001

Student Ombuds
4202 E. Fowler Avenue, ALN 191
Tampa, FL 33620
(813) 974-0835
ombuds@usf.edu
https://www.usf.edu/student-ombuds

The Student Ombuds Office provides confidential, impartial, informal and independent services to students with complaints or concerns about the University. The mission of the Student Ombuds Office is to facilitate fair and equitable resolution processes that promote student success.
Environmental Health & Safety
4202 E. Fowler Avenue, OPM 100
Tampa, FL 33620
(813) 974-4036
https://www.usf.edu/administrative-services/environmental-health-safety/tobacco-free/

USF is committed to providing a safe, healthy and enjoyable learning, living and working environment. On January 4, 2016, the USF Tampa Campus became entirely tobacco and smoke free. Smoking and use of tobacco products are not allowed in any indoor or outdoor area, including parking garages, grounds, sidewalks or recreational areas. This policy also includes the use of e-cigarettes.

By becoming a tobacco and smoke free campus, USF hopes to promote overall health and wellness for the university community and create a more attractive and enjoyable campus experience by completely eliminating smoking and tobacco product use.

USF Federal Credit Union
13302 USF Palm Drive
Tampa, FL 33612
Main Branch: (813) 569-2000
US Toll Free: (800) 763-2005
Email form: https://www.usffcu.com/email-us
https://www.usffcu.com/

When you join USF FCU, you become part of an important movement; individuals coming together as part of a cooperative effort designed to meet their unique financial goals. We'll provide the expertise and resources you need to feel confident in your financial decisions, and the convenience and technology you crave to help make life a little easier. With more than 30,000 fee-free ATMs nationwide, low-rate and big-reward credit cards, competitive rates on your savings, convenient and smart checking.

USF Card
Tampa Campus, SVC1032
Hours: Monday - Thursday: 9:00am - 6:00pm, Friday: 9:00am - 5:00pm
(813) 974-2357
idcard@usf.edu
https://www.usf.edu/it/class-prep/usf-card.aspx

The USFCard is the official identification card of the University of South Florida. The USFCard is a multi-functional card with digitized photo and electronic identification and validation for departments needing to verify student and/or employee status. The USFCard was designed as a platform for a multitude of services and functions. You must visit the Card Center located in the Student Services building (1st floor) to fill out proper documentation to obtain your USFCard.

Cardholder Responsibilities
A. Use of the USFCard by anyone other than the person to whom it was issued is strictly prohibited.
B. The cardholder is subject to disciplinary actions or other penalties for improper use of the card.
C. The cardholder is responsible for any and all losses associated with the card.
D. Punching holes, marking on the card, adding stickers or altering the card in any way is strictly prohibited.
Veteran Success

Office of Veteran Success
4202 E. Fowler Avenue, ALN 130
Tampa, FL 33620
(813) 974-2291
vetserve@usf.edu
https://www.usf.edu/student-affairs/veterans/

The Office of Veteran Success provides specialized programs and services to over 2,000 veterans, eligible dependents, active duty service members, and members of the Selected Reserve here on the USF campus. We are a one-stop shop for anything that you, a student veteran, may need. Although we also assist dependents, our main goal is to help veterans in whatever capacity necessary so that you can succeed with your educational and career goals. This may include helping with admission to the school, navigating VA benefits, graduating, or finding employment opportunities.

Wellness


Wellness consists of different dimensions, such as emotional, environmental, intellectual, social and physical. When you take care of each one, you can be your best and excel in all areas of your life.

Most students cite stress and anxiety as major challenges to achieving their goals. We have many resources to help you be well and excel on campus. Please take advantage of our services and resources so you can start developing lifelong healthy habits that can have a positive impact on your college success.

Wellness Centers

Enjoy our Relaxation Stations in the Wellness Centers at the MSC and the FIT where you can relax, rest and recharge in our high-tech nap pods, our electronic massage chairs, and our oversized beanbags. You can also:

- Schedule coaching and counseling sessions
- Chill in the reception area
- Get a piece of free fruit every day
- Pick up sexual health and dental resources
- Grab a sleep pack that include an eye mask, earplugs, sleepy time tea and sleep tips.

Wellness Center Relaxation Stations

Locations:

- Marshall Student Center, 1504
- The FIT (next to The Hub dining hall)

813-974-3684

Check our website for hours: https://www.usf.edu/wellnesscenter

Want to reach your goals?

Consider signing up for your free personal and private success and wellness coach who will work with you to create your plan for success.

Success and Wellness Coaching is a personalized process that empowers you to achieve self-determined goals relating to your personal, emotional, social, and academic success and wellbeing.

Any USF student can sign up for coaching. Most students sign up for 3-6 sessions. You can meet with your coach most anytime during the day and most any location that is convenient for both of you.

You can learn more about coaching by calling 813-974-0463 or visit us at https://www.usf.edu/student-affairs/wellness/about-us/successandwellnesscoaching.aspx
# GENERAL COURSE INFORMATION

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Florida’s Statewide Course Numbering System

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida’s Statewide Course Numbering System (SCNS). This numbering system is used by all public postsecondary institutions in Florida and by participating nonpublic institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions. Students and administrators can use SCNS (https://flscns.fldoe.org/) to obtain course descriptions and specific information about course transfer between participating Florida institutions.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the SCNS. The listing of prefixes and associated courses is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “statewide course profiles.”

Example of Course Identifier

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level Code (first digit)</th>
<th>Century Code (second digit)</th>
<th>Decade Code (third digit)</th>
<th>Unit Code (fourth digit)</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>No laboratory component in this course</td>
</tr>
<tr>
<td>English Composition</td>
<td>Lower Level (Freshman)</td>
<td>Freshman Composition</td>
<td>Freshman Composition Skills</td>
<td>Freshman Composition Skills I</td>
<td></td>
</tr>
</tbody>
</table>

General Rules for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions, as listed below in Exceptions to the General Rule for Equivalency.

For example, a freshman composition skills course is offered by many different public and nonpublic postsecondary institutions. Each institution uses “ENC_101” to identify its freshman composition skills course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, “ENC” means “English Composition,” the century digit “1” represents “Freshman Composition,” the decade digit “0” represents “Freshman Composition Skills,” and the unit digit “1” represents “Freshman Composition Skills I.”

In the sciences and certain other areas, a “C” or “L” after the course number is known as a lab indicator. The “C” represents a combined lecture and laboratory course that meets in the same place at the same time. The “L” represents a laboratory course or the laboratory part of a course that has the same prefix and course number but meets at a different time or place.

Transfer of any successfully completed course from one participating institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, ENC 1101 is offered at a community college. The same course may be offered at a state university as ENC 2101. A student who has successfully completed ENC 1101 at a Florida College System institution is guaranteed to receive transfer credit for ENC 2101 at the state university if the student transfers. The student cannot be required to take ENC 2101 again since ENC 1101 is equivalent to ENC 2101 if the minimum grade has been earned in the course. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to the native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed that have not been designated as equivalent.

NOTE: Credit generated at institutions on the quarter-term system may not transfer the equivalent number of credits to institutions on the semester-term system. For example, 4.0 quarter hours often transfers as 2.67 semester hours.
**Authority for Acceptance of Course Equivalent**

Florida Statutes Section 1007.24(7)

Excerpted item 7: Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions, and participating nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

**Exceptions to the General Rule for Equivalency**

Since the initial implementation of the SCNS, specific disciplines or types of courses have been exempted from the guarantee of transfer for equivalent courses. These include courses that must be evaluated individually or courses in which the student must be evaluated for mastery of skill and technique. The following courses are exceptions to the general rule for course equivalencies and may not transfer:

1. Courses not offered by the receiving institution.
2. Courses at non-regionally accredited institutions, courses offered prior to the established transfer date of the course in question.
3. Courses in the 900-999 series are not automatically transferable, and must be evaluated individually. These include such courses as Special Topics, Internships, Apprenticeships, Practica, Study Abroad, Theses, and Dissertations.
5. Graduate courses.
6. Internships, apprenticeships, practica, clinical experiences, and study abroad courses with numbers other than those ranging from 900-999.
7. Applied courses in the performing arts (Art, Dance, Interior Design, Music, and Theatre) and skills courses in Criminal Justice (academy certificate courses) are not guaranteed as transferable. These courses need evidence of achievement (e.g., portfolio, audition, interview, etc.).

Note: Transferability is at the discretion of the receiving institution.

Questions about the SCNS and appeals regarding course credit transfer decisions should be directed to Cynthia Brown Hernandez, the USF System SCNS contact via email at cynthiab@usf.edu or to the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32399-0400.

**Course Prefix**

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or subcategory of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.
Other General Course Information

Courses offered for credit by the University of South Florida are listed in the 2019-2020 USF Course Inventory (see https://www.systemacademics.usf.edu/course-inventory/). When viewing a course within the USF Course Inventory the first line of each description includes the SCNS prefix and number (see example below) and title of the course. The College and Department are listed below this information. The Course Description, Credit Hours, and requisite information is listed under this information. You can view this example at https://www.systemacademics.usf.edu/course-inventory/?output=detail&subj=AFA&num=2000.

<table>
<thead>
<tr>
<th>Course Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AFA 2000: Introduction to the Black Experience</strong></td>
</tr>
<tr>
<td>**USF College of Arts &amp; Sciences</td>
</tr>
<tr>
<td><strong>Description:</strong> Fundamental perspectives on the nature and significance of the Black Experience in Africa and black communities in the Americas.</td>
</tr>
<tr>
<td><strong>Credit Hours:</strong> 3</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong> None</td>
</tr>
<tr>
<td><strong>Corequisites:</strong> None</td>
</tr>
<tr>
<td><strong>Co-Prerequisites:</strong> None</td>
</tr>
<tr>
<td><strong>Course Requirements:</strong> None</td>
</tr>
</tbody>
</table>

Please note: Credits separated by a hyphen indicate variable credit:

- HUM 4905 DIRECTED RESEARCH (1-5)

The following abbreviations are utilized in various course information:

- PR Prerequisite
- CI With the consent of the instructor
- CC With the consent of the chairperson of the department or program
- CP Co-prerequisite
- CR Co-requisite
- DPR Departmental Permit Required
- S/U S/U Grade System
- Lec Lecture
- Lab Laboratory

SPECIAL INFORMATION COURSE CODES

- 6ACT Courses to satisfy the State Communication Requirement
- 6AMT Courses to satisfy the State Computation Requirement

General Education Core Requirements — for students coded under the 2015-2016 and forward undergraduate catalogs..

- SGEC General Education Core Communication
- SGEH General Education Core Humanities
- SGEM General Education Core Mathematics
- SGEN General Education Core Natural Sciences
- SGES General Education Core Social Sciences
GENERAL COURSE INFORMATION

GENERAL EDUCATION REQUIREMENTS: for students graduating under the 2019-2020 Undergraduate catalog

- CST  Capstone
- CLB  Collaborative Learning
- TGEC  Creative Thinking
- TGED  Human & Cultural Diversity
- TGEI  Information and Data Literacy
- TGEE  Ethical Reasoning & Civic Engagement
- TGEH  High Impact Practice
- TGEN  ENC 1102

CIVICS LITERACY

- SCIV

GLOBAL CITIZENS PROJECT

- GCPC  Global Citizens Project Course

UNDERGRADUATE RESEARCH

- UGR  Undergraduate Research

Note: The University reserves the right to substitute, not offer, or add courses that are listed in this catalog.

Course Level Definition

<table>
<thead>
<tr>
<th>Lower Level:</th>
<th>Upper Level:</th>
<th>Graduate Level:</th>
</tr>
</thead>
<tbody>
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<td>1000-1999 Freshman Level</td>
<td>3000-3999 Junior Level</td>
<td>5000-5999 Senior/Graduate Level</td>
</tr>
<tr>
<td>2000-2999 Sophomore Level</td>
<td>4000-4999 Senior Level</td>
<td>6000-Up Graduate Level</td>
</tr>
</tbody>
</table>

Course Descriptions

Course information can be found at https://www.systemacademics.usf.edu/course-inventory/. This online resource provides a search function by course prefix, college, department, or title. In addition, course attributes for State Communication and Computation Requirements, General Education, Global Citizens Project, and Undergraduate Research are also available.

The USF Course Inventory provides details regarding course description, credit hours, requisites (Pre, Co, and Co-Pre), repeat limits, restrictions, and attributes.

Academic Plan of Study

The 2019-2020 Undergraduate Academic Plan of Study can be accessed at https://ugs.usf.edu/catalog/

- Click the Academic Plan of Study option from the left menu. Select the Major/Concentration and click View Selected Plan.

From academic year 2012-2013 to 2018-2019, the Academic Plan of Study were called Eight Semester Plans, and are available in the Undergraduate Catalog Archive.
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About the College

USF College of Arts and Sciences is committed to promoting globally-competitive undergraduate, graduate and professional programs that support interdisciplinary inquiry, intellectual development and skill acquisition.

USF's academic programs are designed to meet the needs of all learners, including traditional learners, special needs learners, adults interested in advancing their careers, veterans and distance learners. The College of Arts and Sciences offers 41 undergraduate majors, 13 undergraduate certificates, 65 graduate programs and 30 graduate certificates. Undergraduates are strongly encouraged to take advantage of a wide range of undergraduate research opportunities and study abroad programs.

Students in the College of Arts and Sciences focus on a specific discipline, but degree programs and opportunities for research and internships encourage students to get a broad, interdisciplinary liberal arts education. The Office of Graduate and Undergraduate Studies helps to oversee the administration of these programs and provides resources for faculty members and students to facilitate effective learning.

Mission, Vision, Values

The College of Arts and Sciences is the intellectual heart of the University of South Florida. We are a community of teachers and scholars united in the belief that broadly educated people are the basis of a just, free, and prosperous society. By focusing on the big questions facing all of humanity, we prepare students for successful personal and professional lives. By conducting innovative, interdisciplinary research and scholarship, we advance knowledge in ways that prepare us to address vexing social problems and enhance quality of life for people and communities.

The College of Arts and Sciences aspires to be a national model for integrating the humanities, social sciences, and natural sciences into a dynamic, trans-disciplinary entity focused on knowledge generation, global problem solving, skills development, and real-world applications. We will nurture academic success for a diverse population by creating engaged, inclusive learning environments that prepare students for productive personal and professional lives as global citizens. Through innovative, interdisciplinary research, creative activities, and mutually beneficial community partnerships, the college seeks to become a global leader in scholarship that addresses vexing social and environmental challenges and consequently enhances quality of life for all.

Admission Requirements

Admission to the College of Arts and Sciences is open to students who have been accepted to the University of South Florida and who declare a major in a particular field. The Zimmerman School of Advertising and Mass Communications is a limited access degree program and has additional requirements.
Undergraduate students must submit a formal declaration of major for admission into the College. This usually occurs during orientation and advising for new students. This application is available online for current students at https://www.usf.edu/arts-sciences/students/undergraduate/declare-a-cas-major.aspx. Students preparing for a science or mathematics career must plan their courses carefully because of the sequential nature of the curricula. Students seeking entrance into a health professional school or the medical technology internship program require specialized counseling, therefore, immediate application for admission into the College is strongly recommended.

**College-Level Graduation Requirements**

1. Students must complete all State and University level graduation requirements.

2. Maintain a minimum GPA of 2.0 in USF coursework. Note: Some Departments/program/major require a higher GPA. Students should refer to Department/program/major specific catalog requirements.

3. Physical Education coursework is limited to two (2) semester hours.

4. ROTC courses that are primarily physical training and field experiences will not be applied to College of Arts and Sciences degree programs. All other military Science coursework will apply, in particular, coursework utilized toward completing an established ROTC minor will be applied to the total hours toward degree.

5. When earning a double major/dual degree, a maximum of two (2) departmental courses or eight (8) credit hours may be used to satisfy requirements between majors. Students should check with the college and respective departments when pursuing more than one major/degree. The only exception whereby a student may apply more than eight (8) credit hours of overlapping coursework to their majors/degrees are those students who pursue double majors or two degrees between the College of Education and the College of Arts and Sciences.

- The College of Arts and Sciences defines a "major" as those courses taught by the department where the major is housed.

- In the case of interdisciplinary programs (Biomedical Sciences, Interdisciplinary Natural Sciences, Health Sciences, International Studies, Environmental Science and Policy, French International Studies & Business Concentration, Spanish International Studies & Business Concentration and Interdisciplinary Social Sciences) overlapping coursework between double majors/dual degrees requires prior approval.

6. Maximum of 20 hours of S/U option. S/U contracts must be negotiated in writing within the first three (3) weeks of the term. None of the 20 credits may be taken in the student's major unless S/U is the only grading option. Coursework fulfilling the General Education Core Curriculum Requirements and the State Communication Requirement (formerly known as Gordon Rule Writing) and State Computation Requirement (formerly known as Gordon Rule Math) may not be taken S/U.

7. The Audit option is available only during the first 5 days of classes.

8. "D" grades are not acceptable in the major and supporting sciences for all natural sciences majors (Biomedical Sciences; Cell Biology, Microbiology, and Molecular Biology; Health Science; Integrative Biology; Interdisciplinary Natural Sciences; Medical Technology; Chemistry; Geology; Math; Physics, and Physical Sciences). "D" grades are not acceptable for the major area in Anthropology, Communication, English, Geography, History, Humanities, Mass Communications, Philosophy, Psychology, and Sociology.

9. Complete all major course requirements.

10. Some College of Arts and Sciences Departments/programs/majors have established minimum major course hours to be taken in residency at USF. See the major or program section of the catalog for these credit-hour requirements.

**Other Information - Health Professions**

The University of South Florida is an excellent location to prepare for a career in the health professions. The Veterans Administration Hospital, University of South Florida Medical Center, Shriners Hospital for Children, H. Lee Moffitt Cancer Center and Research Institute, University of South Florida Mental Health Institute, University of South Florida Health Byrd Alzheimer’s Institute, and Florida Hospital Tampa, are within walking distance of the campus, and offer students excellent opportunities for shadowing, clinical volunteering and research.
The Division of Health Professions Advising (DHPA) in the College of Arts and Sciences, offers programs designed to prepare students for admission to allopathic medicine (M.D.), osteopathic medicine (D.O.), chiropractic medicine, dentistry, optometry, podiatry, veterinary medicine, pharmacy, physician assistant, anesthesiologist assistant, occupational therapy and physical therapy. Most of these health professions require four years of undergraduate pre-professional preparation, followed by four years of training in a professional school. A few well-prepared students with exceptional qualifications may be admitted to some professional schools, as early as the completion of the junior year of pre-professional work. The pre-professional programs do not meet requirements for a degree; therefore, students must choose a major in addition to fulfilling their pre-professional requirements. Most pre-professional students major in biology, biomedical sciences, or chemistry, because of their interest in a health profession. There is considerable overlap between the pre-professional curriculum and the above majors’ requirements. However, there is no specific major required for admission into a health profession. Entrance into all professional schools or programs is competitive, and students should begin establishing a record of academic excellence within their first year at USF. Furthermore, it is essential that students also pursue courses in the social sciences and humanities. Students must have shadowing and clinical volunteer experiences related to their intended profession.

Students considering one of the health professions should visit the DHPA website at https://www.cas.usf.edu/healthprofessions/. They can also contact the Division by email at healthprofadvise@usf.edu. Admitted students to USF should declare their interest in a health profession when they attend Orientation.

For specific information about the following programs:

- For information regarding the USF’s Medical program, please visit https://health.usf.edu/medicine/.
- For information regarding USF’s Physical Therapy program, visit https://health.usf.edu/medicine/dpt/.
- For information regarding the USF’s Pharmacy program, visit https://health.usf.edu/pharmacy/.

**General Requirements for Health Professions Schools**

The following courses prepare students for admission to professional schools of chiropractic medicine, dentistry, allopathic medicine, osteopathic medicine, podiatric medicine, optometry, veterinary medicine, and pharmacy. All of these professional schools have in common the following course requirements, which should be completed by the end of the junior year, the usual time of application:

**Biology**
- B.S.C 2010/2010L Biology I: Cellular Processes and Laboratory
- B.S.C 2011/2011L Biology II: Biodiversity and Laboratory

**Chemistry**
- CHM 2045/2045L General Chemistry I and Laboratory
- CHM 2046/2046L General Chemistry II and Laboratory
- CHM 2210/2210L Organic Chemistry I and Laboratory
- CHM 2211/2211L Organic Chemistry II and Laboratory

**Physics**
- PHY 2053/2053L General Physics I and Laboratory
- PHY 2054/2054L General Physics II and Laboratory

Some schools require calculus and some require one or two courses in biochemistry. CLEP credit is not generally accepted by professional schools. Some schools do not accept AP or IB credit and have specific restrictions for accepting dual enrollment credits. Students should check with the school of their choice regarding acceptable acceleration credit. To be competitive for acceptance into health professions schools, students need to take upper level natural science coursework.

The following websites provide information on the study of medicine, physical therapy, pharmacy and physicians assistant programs at the University of South Florida.

- Allopathic Medicine (MD), visit https://health.usf.edu/medicine/
- Physical Therapy, visit https://health.usf.edu/medicine/dpt
B.S. in Biomedical Sciences for Early Admission Students

Early admission to professional school is exceptional with today’s competitive applicant pool; however, a few students may be admitted prior to completion of the Bachelor’s degree through special programs.

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

Students planning on early admission should begin studies at a 4-year institution, as professional schools require at least 1 year of studies at a university prior to application. Depending upon the professional school, additional science courses may be required or strongly recommended as indicated in the preceding sections. Exposure to a health profession is also strongly recommended.

Students who are admitted to an accredited U.S. medical or dental school after completing their junior year at the University of South Florida may be awarded the B.S. degree in Biomedical Sciences from the College of Arts and Sciences subject to the following conditions:

1. Transfer of a minimum of 30 semester hours of science courses from an accredited medical or dental school.
2. Completion of a minimum of 90 semester hours of credit with a minimum grade point average of 00 prior to transfer to the medical or dental school.
3. Completion of the following courses with at least a C in each course.
4. Completion of the University’s General Education Requirements.
5. Completion of the last 30 hours prior to transfer to a medical or dental school in residence at the University of South Florida.
6. Application for the degree must be received no later than two years from the date of entrance into the professional school.

Students that are admitted to professional schools of veterinary medicine, optometry, physical therapy, or podiatric medicine prior to completion of their degree may also be able to transfer courses from the professional school and receive their Bachelor’s degree. However, approval of the courses to be transferred must be obtained on an individual basis from the College of Arts and Sciences, and in some cases, it may be necessary for students to complete more than 90 hours prior to leaving the University of South Florida.

Baccalaureate-Level Degree Programs

Global Pathways

https://www.usf.edu/gcp/students/index.aspx

A Global Pathway is an undergraduate major or degree program that has significant global content. Global Pathways provide students with the opportunity to practice and apply global competencies through the major or degree program.

The following programs are designated as Global Pathway Programs:

Anthropology
https://anthropology.usf.edu/

Interdisciplinary Social Sciences
https://iss.usf.edu/

Religious Studies
https://religious-studies.usf.edu/
Bachelor of Arts

Africana Studies

This program provides all students with the opportunity to study the history, culture and lived experiences of people of African descent in the United States, Africa, the Caribbean, and elsewhere; study the influence of Africa and people of African descent on world and U.S. thought, culture and politics; study the social construction and consequences of race and racism; develop needed critical thinking skills to address the often narrow and Eurocentric bias in the current knowledge base; and examine their personal experiences, prejudices and possible contributions in a multi-racial, multi-cultural society.

Specializations: African American Studies, African Studies, African Diaspora Studies

Career Options: Africana studies alumni have many career opportunities in the areas of business, communications, government, research, law, politics, teaching and counseling, to mention a few.

Anthropology
http://anthropology.usf.edu/undergrad/major/

Anthropology provides excellent preparation for advanced academic degrees, such as those obtained in medical school, law school, and graduate school in anthropology and other social sciences. Thinking anthropologically fosters critical understanding of cultural assumptions, social conventions, information, and even the concept of culture itself. This level of critical thinking builds the skills and attitudes necessary for working and living in diverse social environments.

Specializations: Archaeology, Cultural Anthropology

Career Options: This degree prepares students for a number of careers, including: education, health care, museum curation, social work, international development, historic preservation, government, non-profit management and forensics. Most professional anthropological jobs require a graduate degree.

Chemistry
https://www.usf.edu/arts-sciences/departments/chemistry/undergrad/

The B.A. provides a course of study for students whose careers will require a thorough understanding of chemistry required for a variety of professional activities such as in health-related professions, science teaching, business, law and other areas. Students can choose to specialize in biochemistry or health professions. Two semesters of foreign language is required for this degree.

Specializations: Biochemistry, Health Professions

Career Options: This degree will prepare students for a career in entry-level research positions, entry into health professional schools, and graduate programs. Students completing this degree can teach secondary school with additional certification. Students who would like to teach at universities or pursue research positions in science industries and government will need a Ph.D.

Communication
https://www.usf.edu/arts-sciences/departments/communication/

Communication focuses on the concepts, theories and practice of human communication. Students apply their understanding of communication research and principles to personal, professional, and community relationships and concerns.

Specializations: Culture and Media, Health Communication, Organizational Communication, Performance Studies, Public Advocacy, Relational Communication

Career Options: Students will develop strong written and verbal communication skills and excellent interpersonal skills, all which are essential to any career. Students will be prepared for careers in education, law, government, nonprofit and business.
**Economics**  
[http://economics.usf.edu/undergraduate/ba_ecn.aspx](http://economics.usf.edu/undergraduate/ba_ecn.aspx)

This degree program fully prepares students for a prosperous career in any number of fields such as business and government. Students pursuing an economics degree learn problem-solving skills that can be applied to any career. Specifically, economics students learn how to allocate scarce resources, estimate demand curves or forecast inflation.

**Career Options:** This degree prepares students to conduct research, collect and analyze data, monitor economic trends, and develop forecasts on a wide variety of issues, including energy costs, inflation, interest rates, exchange rates, business cycles, taxes and employment levels. Economists can be found working for corporations, banks, government, academia or consulting agencies.

**English**  
[https://www.usf.edu/arts-sciences/departments/english/undergraduate/](https://www.usf.edu/arts-sciences/departments/english/undergraduate/)

Students can choose from three specializations in the English program. Technical Communication and New Media prepares students to work as innovative professional communicators in a variety of fields. Literary Studies provides a solid foundation in the study of British and American literature, which can provide students with many skills such as critical thinking and effective self-expression. The creative writing program is designed for aspiring writers of fiction, poetry and creative nonfiction.

**Specializations:** Technical Communication and New Media, Literary Studies, Creative Writing

**Career Options:** An English degree prepares students for a wide array of professional and educational fields, including teaching and higher education, law, editing and publishing, corporate and not-for-profit management, medical school, and graduate study in English as well as other disciplines.

**Geography**  
[http://hennarot.forest.usf.edu/main/depts/geosci/](http://hennarot.forest.usf.edu/main/depts/geosci/)

This program offers a variety of courses in physical and human geography. Human geography courses focus on the social and spatial effects of the growth of cities, including issues such as the historical evolution of urban form and function, land-use changes and conflicts, economic restructuring, the growth and decline of inner cities, and urban racial and ethnic relations. Physical geography courses focus on major environmental systems including the hydrosphere, atmosphere, pedosphere and biosphere. Particular emphasis is placed on the human modification of the natural environment and the global interconnections of the major earth systems.

**Career Options:** Geography is an interdisciplinary field that offers diverse career opportunities. Geographers work in many different areas, such as environmental management, education, disaster response, city and county planning and community development.

**Geology**  
[http://hennarot.forest.usf.edu/main/depts/geosci/](http://hennarot.forest.usf.edu/main/depts/geosci/)

The B.A. program is designed primarily for the liberal arts student who has an interest in the subject but who is not preparing for a career in the field, or for the pre-professional school student. Students who elect the B.A. program and decide to pursue the geology profession or attend graduate school will need to take at least physics and field geology.

**Career Options:** The B.A. program meets the needs of many students who plan to use geology as a basis for careers in law (environmental, oil, gas, etc.), medicine, technical writing, education, and resource-related sales and marketing, to name a few possibilities.

**History**  
[http://history.usf.edu/ug/](http://history.usf.edu/ug/)

History embraces a diverse world of ideas, people and events. Our faculty seeks to inform and question, to provoke and to challenge students to a higher level of understanding of the past.

**Career Options:** Accomplished history majors are attractive to all kinds of employers in any number of fields, as well as to graduate and professional schools. Alumni can be found in such diverse professions as law, medicine, business, government, foreign service, politics and education.
Humanities & Cultural Studies
http://humanities.usf.edu/undergraduate/

This degree focuses on the complex interconnections between the arts, social structures, and history. Interdisciplinary and global in scope, our courses provide students with opportunities for detailed cultural analysis in a broad historical and intellectual context. We create an interdisciplinary curriculum emphasizing material culture, music, literature, intellectual history, and social history in order to understand how the arts participate in the cultural construction of social reality. We welcome students who are dedicated, open-minded and willing to work across traditional academic disciplines. The major develops students’ analytical, research and writing skills, as well as their creative and technical abilities.

Specializations: Humanities, American Studies, Film and New Media Studies

Career Options: This degree is a great preparation for graduate school and a variety of jobs. Many alumni go on to careers in law, medicine, business, education and publishing. Most film studies students directly enter the communications job market. Advertising, public relations, technical writing, educational media and freelance filmmaking, just to name a few.

Interdisciplinary Classical Civilization
http://languages.usf.edu/undergraduate/classics/

Interdisciplinary Classical Civilizations is a broad-based area study encompassing the literature, history, linguistics, art, archaeology, philosophy and religion of Greece, Rome and the Near East from prehistory to late antiquity. Two semesters of Greek or Latin are required.

Career Options: This is an excellent all-around liberal arts degree that serves as a superb preparation for virtually any field of professional endeavor. Many alumni pursue careers in law, medicine, business, education and publishing.

Interdisciplinary Social Sciences
http://iss.usf.edu/

This program provides students with the flexibility to pursue a course of study from a range of disciplines. Rather than simply looking at the world through the lens of one discipline, the core of the ISS program encourages students to think in interdisciplinary ways. ISS majors gain an understanding of the linkages between social science disciplines, and develop the ability to creatively synthesize the tools of these traditional disciplines to examine and analyze social issues in new ways.

Career Options: Graduates are prepared for the holistic problem solving required in the public and private sector (business, government, legal and nonprofit), as well as further study in graduate school.

International Studies
https://www.usf.edu/arts-sciences/departments/school-of-interdisciplinary-global-studies/

This program provides a general background in world affairs with a special emphasis on political and economic aspects. Courses focus on both general topics (such as conflict, globalization, terrorism and human rights) and area or country studies (the Middle East, Russia, China, Japan and Latin America are among the current offerings).

Career Options: Graduates from the program have pursued careers in government, business or non-government organizations that deal with international or global issues. Others have continued their education by attending graduate school or law school.

Mass Communications
http://masscom.usf.edu/ug/ba.aspx

The mass communications program is a conditional access program, meaning there are additional admission requirements after a student has been admitted to USF. Students will have numerous opportunities to gain hands-on experience outside of the classroom by working for the campus TV station or campus newspaper. In addition, the School of Mass Communications is home to the Zimmerman Advertising Program. ZAP is a unique partnership with Zimmerman Advertising, the 13th-largest agency in the U.S., and features Zimmerman's top executives who teach USF students the latest skills necessary to thrive in the advertising industry.

Specializations: Advertising, News (Editorial), Magazine, Telecommunications (News), Telecommunications (Production), Public Relations
Career Options: Students are taught to think critically, report accurately, research thoroughly and write clearly and effectively, skills that are essential for any career. This degree will prepare students for careers in newspapers, magazines, broadcasting, advertising and public relations. Located in Florida's largest media market, USF students can take advantage of numerous internships offered in the Tampa Bay area.

Mathematics
http://math.usf.edu/ug/math/

This program offers diverse courses designed not only to enable the student to pursue a profession in mathematics itself, but also to enhance the student's competence in the fields of engineering, the physical sciences, the life sciences and the social sciences. The program emphasizes the broad nature of modern mathematics and its close associations with the real world and prepares students for careers in industry or secondary education as well as entry into graduate school.

Career Options: Mathematics is good preparation for a variety of careers, many of which make no special use of mathematics itself, but do require the ability to reason carefully and express oneself clearly. Alumni can be found working as an actuary, industry mathematician, educator or researcher. Almost every bureau and branch of the federal government -- including the Department of Health and Human Services, Department of Energy, Department of Defense and the National Security Agency -- employ mathematicians in various capacities.

Philosophy
http://philosophy.usf.edu/undergraduate/

The concerns of philosophy range from the arts, the methods and foundations of the sciences, politics, education and religion, to the complex questions relating to the meaning of reality, truth, values and the significance of human history.

Career Options: This program provides skills that are useful in any career that demands critical thinking skills, creative problem solving skills, the ability to explain and see ideas, the ability to understand and organize complex information, analytical thinking skills, communication skills, writing skills, comfort with disagreement, calm and rational thinking, and an ability and interest in understanding ideas. Graduates go on to medical school, law school, graduate school or choose to enter the workforce in public, private, governmental and nonprofit agencies.

Physics
http://physics.usf.edu/ug/

This program offers the student a general cultural background with a specialization in physics, offering a wide flexibility in electives. This gives the student the possibility to combine the physics major together with a concentration in other areas such as biology, chemistry, mathematics, engineering, computer science, premedical science, business, geology or social sciences.

Career Options: Students develop essential job skills such as problem solving, information handling, critical reasoning, logical thought, clear communication and use of computers as an analysis tool. Graduates can be found working in education, medicine, public service, management and research.

Physical Sciences
http://physics.usf.edu/ug/degree/

The degree in Physical Sciences will prepare students for employment in technical fields requiring a background in one or more of the physical sciences.

Political Science
https://www.usf.edu/arts-sciences/departments/school-of-interdisciplinary-global-studies/

This program provides students with a detailed study of the institutions and processes of American government, foundations in political theory, as well as an examination of the international system and foreign political systems through the study of international relations and comparative politics.

Career Options: This program prepares students for careers in law, government, political consulting, lobbying, nonprofit sector, education and publishing, just to name a few.
Psychology
http://psychology.usf.edu/ug/major/

This program prepares students to better understand behavior and mental processing. The program emphasizes critical thinking skills and knowing how to formulate effective questions and research the answers.

Career Paths: Many graduates go on to graduate study in psychology, counseling, law or medical school and other graduate programs. Other graduates find employment in various organizations and businesses.

Religious Studies
http://religious-studies.usf.edu/ugrad/about/

Religious Studies is concerned with those features of the human experience that commonly are referred to as sacred or religious. The matter of the sacred or religious deals with what human cultures and societies regard as the most important and of ultimate concern, past and present.

Career Options: The vast majority of religious studies majors do not become members of the clergy, but go on to lead their fields in many other areas. This program is an excellent preparation for law, business school, medicine, or graduate study in counseling, humanities or administration. Additionally, many people with religious studies degrees find employment in social services, international relations, music, and health and welfare organizations, and many others start businesses, found nonprofit organizations, just to name a few.

Sociology
http://sociology.usf.edu/ug/major/

Sociology is the study of social life and the social causes and consequences of human action. It investigates the structure of groups, organizations and societies ranging from intimate families to hostile mobs; from crime to religion; from the divisions of race, gender, and social class to the shared beliefs of a culture; from the workplace to the intimate corners of private life. Students acquire a broad liberal arts education and a greater understanding and insight into the social systems and processes that bear upon everyday lives.

Career Options: Employment opportunities are quite varied. Some go on to work for human service agencies; others work in personnel, criminal justice, and urban planning; others enter graduate programs in sociology, education, law, medicine or social work.

Statistics
http://math.usf.edu/ug/stats/

Statistics is a science of information gathering, data analysis, and decision making. It is a discipline that blends the applied with the. These courses provide an excellent preparation for careers in industrial statistics, actuarial science, biostatistics and statistical research.

Career Options: Statistics can be used in a wide variety of fields within science, technology, business, health and social sciences. Statistics graduates work in education, banking and finance, production management, insurance, risk management, health and medicine, and government.

Women’s and Gender Studies
http://wgs.usf.edu/undergrad/

This program critically examines women’s experiences and takes into consideration historical, cultural, racial, class and other differences. Enhancing knowledge about feminism and gender studies through teaching, emphasis on multiculturalism and diversity, the department focuses on critical thinking, collaborative learning and personal empowerment.

Specializations: Women of Color Studies

Career Options: This program prepares students for positions in organizations that focus on gender and diversity issues, such as government, research and service organizations. Students graduate with strong writing, critical thinking, research, public presentation and leadership skills that are valued by many employers.

World Languages and Cultures
http://languages.usf.edu/undergraduate/

The B.A. in World Languages and Cultures offers students a solid foundation in language and linguistic skills as well as knowledge of diverse cultures. Students may choose one concentration or may combine two concentrations.
Bachelor of Science

Biomedical Sciences
https://www.usf.edu/arts-sciences/departments/chemistry/undergrad/

This program is designed to fulfill many of the admissions requirements for professional schools in the health sciences (e.g., medicine, pharmacy, dentistry). Students contemplating graduate study should pursue a major in the discipline of their interest, such as biology, chemistry or microbiology.

Career Options: Most students pursuing this degree wish to attend graduate or professional school in medicine, optometry, dentistry or biomedical research. This degree can prepare students for a variety of research positions for government agencies and health care companies.

Cell and Molecular Biology

This degree provides a strong foundation in general biology, with an emphasis on biomedical related areas, but focuses on the cellular and molecular processes that occur within cells.

Career options: This program prepares students for application to medical school, dental school, graduate school, and many careers especially in the fields of biotechnology, science policy, biomedical research, genomics, and computational biology.

Chemistry
https://www.usf.edu/arts-sciences/departments/chemistry/undergrad/

The B.S. in chemistry is a rigorous program that supplies the foundation in chemistry required for both the student who begins a chemical vocation immediately upon graduation as well as the one who pursues advanced study in chemistry or related areas. The curriculum for this degree meets the requirements set by the American Chemical Society.

Career options: This degree will prepare students for a career in entry-level research positions, entry into health professional schools, and graduate programs. Students completing this degree can teach secondary school with additional certification. Students who would like to teach at universities or pursue research positions in science industries and government will need a Ph.D.

Environmental Biology

Environmental Biology is the study of how organisms interact with the environment, and how they adapt to changing environments. It explores the interconnections among biology, ecology, evolution, and conservation. The objective of this program is to provide students with a firm foundation in basic biology and the tools necessary to function as professional biologists, with a special emphasis on natural ecosystems.

Environmental Microbiology

The objective of this program is to provide students with a firm foundation in basic biology and the tools necessary to function as professional biologists, with a special emphasis on environmental microbiology. Coursework within the Environmental Microbiology major can lead to ASM certification.

Environmental Science and Policy
http://hennarot.forest.usf.edu/main/depts/geo sci/ug/students/

Students take supporting courses in physical and natural science, statistics, policy and ethics. In addition, students select electives to strengthen their knowledge within their concentration. Seniors complete a research project or work as an intern for a government agency or private company.

Specializations: Environmental Science, Environmental Policy

Career Options: This program prepares students for a variety of careers such as environmental policy, environmental science, environmental law, nonprofit and education. Potential employers include the Environmental Protection Agency, NOAA, engineering firms, nonprofit environmental agencies, consulting companies and state/local government.
Geology
http://hennarot.forest.usf.edu/main/depts/geosci/

Overview: Geology is one of the broadest of all sciences because of its dependence on fundamentals of biology, chemistry, mathematics and physics as applied to the study of the earth. Geologists study landslides, earthquakes, floods and volcanoes. This program provides the student with a hands-on foundation in the fundamentals of geosciences. A summer field camp is offered for students to learn crucial skills needed by every geologist. Students will be prepared to sit for the state of Florida exam to earn their geologist license.

Career Options: Geologists work in a variety of settings. These include: natural resource companies, environmental consulting companies, government agencies, nonprofit organizations and universities. Many geologists do field work at least part of the time. Others spend their time in laboratories, classrooms or offices.

Health Sciences
https://www.usf.edu/arts-sciences/departments/information/programs/undergraduate-programs/health-sciences/index.aspx

This degree is designed as an interdisciplinary program for students who intend to pursue a professional career in the health sciences and allied health professions. The major offers coursework that promotes an understanding of the biological, social, behavioral, economic and ethical factors that influence health care today and disease treatment. The degree has a flexible curriculum so students can choose an area of specialization to suit their career interests.

Career Options: This program prepares students for employment in a community agency, a diagnostic laboratory, a hospital, or a pharmaceutical company.

Information Studies
https://www.usf.edu/arts-sciences/departments/information/programs/undergraduate-programs/information-studies/index.aspx

This program integrates a strong foundation in information technology as well as an understanding of human, organizational, policy and other issues.

Career Options: Areas that information science professionals work in include: information architecture, information management, knowledge discovery in databases/data mining, human computer interaction, information retrieval/extraction, natural language processing, semantic interoperability, systems analysis and design, library science, informatics (various contexts, such as medical, legal, music, museum, etc.) and a host of areas where information technology is central.

Integrated Animal Biology

Integrative Animal Biology is the study of the biology of animals, including humans. It explores the structure and function of invertebrates, vertebrates, and humans. The objective of this program is to provide students with a firm foundation in basic biology and the tools necessary to function as professional biologists, with a special emphasis on animals.

Career options: It will prepare students for further education in medicine, veterinary medicine, animal biology, and evolutionary biology or for careers in fields such as medical assistance, veterinary assistance, animal care, and aquarium and zoo biology and education.

Interdisciplinary Natural Sciences
https://www.usf.edu/arts-sciences/departments/chemistry/undergrad/

This degree offers flexibility for the student interested in the broad spectrum of natural sciences. The interdisciplinary natural sciences program features the introductory sequence in all of the five natural sciences: biology, chemistry, geology, mathematics and physics.

Career Options: This program will prepare students for entry into health professional schools and graduate programs. Students completing this degree can teach secondary school with additional certification. Students who would like to teach at universities or pursue research positions in science industries and government will need a Ph.D.
Marine Biology

Marine Biology is the study of life in the oceans. It explores the unique marine environment and the nature of the organisms that inhabit the oceans. The objective of this program is to provide students with a firm foundation in basic biology and the tools necessary to function as professional biologists, with a special emphasis on marine ecosystems.

Career options: It will prepare students for further education in ecology, marine science, biological oceanography, and evolutionary biology or for careers in fields such as aquaculture, animal husbandry, aquarium biology and education, conservation biology and education, environmental consulting, and wildlife biology.

Medical Technology
https://www.usf.edu/arts-sciences/departments/chemistry/undergrad/

This program teaches students to exercise independent judgment, correlate test results, and interpret test findings. This program includes three years of study on campus and a fourth year of internship at one of three participating hospitals: Tampa General (Tampa), Bayfront Medical Center (St. Petersburg, Fla.) and St. Vincent’s Hospital (Jacksonville, Fla.). Our students have a nearly 100 percent success in job placement and in passing licensure exams.

Career Options: This program will prepare students for a career as medical technologists, or clinical laboratory scientists, who analyze human blood, tissues and bodily fluids, or supervise the performance of thousands of types of medical laboratory tests using a wide variety of precision instruments. They also may conduct research and develop scientific methods to advance the study of disease processes.

Microbiology
http://biology.usf.edu/cmmb/undergrad/micro/

This degree emphasizes a comprehensive program of coursework designed to cover the various sub-disciplines of microbiology, together with requirements for hands-on laboratories to expose the students to practical aspects of microbiology.

Career Options: Microbiology is an excellent preparatory major for students interested in medical, dental and other health professional training. There are opportunities for employment in government, hospitals, public health laboratories, research laboratories and industrial laboratories (e.g. food, chemical and pharmaceutical companies). Graduates can teach secondary school, as long as they meet teaching certification requirements.

Physics
http://physics.usf.edu/ug/

This is a professional program designed to meet today’s standard of science and technology, opening doors to industrial and governmental jobs, and the appropriate level of physics for those students who intend to proceed with graduate studies in physics or related fields.

Career Options: Some of the better-known careers for physics majors include academic and industrial research, electronics, alternative energy development, communications or the vital area of medical physics. Physicists are in demand for their analytical skills in many financial, fund management and research roles, in law, as weather forecasters, computer programmers, and as physics and science teachers.

Physical Sciences

The degree in Physical Sciences will prepare students for employment in technical fields requiring a background in one or more of the physical sciences

Quantitative Economics & Econometrics
http://economics.usf.edu/data/econ-bs-sheet.pdf

Students pursuing an economics degree learn problem-solving skills that can be applied to any career. Specifically, economics students learn such things as how to allocate scarce resources, estimate demand curves or forecast inflation.
Career options: This degree prepares students to conduct research, collect and analyze data, monitor economic trends, and develop forecasts on a wide variety of issues, including energy costs, inflation, interest rates, exchange rates, business cycles, taxes and employment levels. Economists can be found working for corporations, banks, government, academia or consulting agencies.

Accelerated Programs

Accelerated Degree Programs

- B.S. Biomedical Sciences/M.A.T. Science Education
- B.S. Biology/M.S. Biology (non-thesis)
- B.S. Cell and Molecular Biology/M.S. in Biology (non-thesis)
- B.A. Chemistry/M.A.T. Science Education
- B.S. Chemistry/M.S.B.E. Biomedical Engineering
- B.S. Environmental Biology/M.A.T. Science Education
- B.S. Environmental Microbiology/M.A.T. Science Education
- B.A. Humanities and Cultural Studies/M.A. Liberal Arts
- B.S. Integrative Animal Biology/M.A.T. Science Education
- B.S. Marine Biology/M.A.T. Science Education
- B.A. Mathematics/M.A. Mathematics
- B.S. Microbiology/M.S. Microbiology
- B.A. Physics/M.A.T. Science Education

Minors

Minors are offered in the following areas:

- Africana Studies
- American Studies
- Anthropology
- Astronomy
- Biomedical Anthropology
- Biomedical Physics
- Chemistry
- Chinese Language
- Classics
- Communication
- Creative Writing
- Economics
- Environmental Policy
- Film and New Media Studies
- French
- Geographic Information Systems and Technology
- Geology
- German Studies
- History
- Humanities
- Intelligence Studies
- Interdisciplinary Classical Civilizations
- International Studies
- Italian
- Linguistics
- Literary Studies
- Mass Communications
- Mathematics
- Microbiology
- Modern Greek
- Philosophy
- Physics
- Political Science
- Professional Writing, Rhetoric and Technology
- Psychology
- Public Administration
- Queer & Sexual Studies
- Religious Studies
- Russian Studies
- Sociology
- Spanish
- Urban Studies
- Women's and Gender Studies
Concentrations

A concentration is any organized set of courses that is offered as part of a major and enhances or complements the degree program to be awarded in a manner that leads to specific educational or occupational goals, and/or from different disciplines that provide an interdisciplinary focus.

CHEMISTRY:
- Biochemistry/Biotechnology
- Health Professions

ENGLISH:
- Creative Writing
- Literary Studies
- Professional Writing, Rhetoric and Technology

GEOGRAPHY:
- General Geography
- Physical Geography
- Human Geography

HEALTH SCIENCES:
- Aging Health Studies and Health Management
- Social and Behavioral Health Sciences and Aging Health Studies
- Biological Health Sciences and Health Studies
- Biological Health Sciences
- Biological Health Sciences and Health Information
- Biological Health Sciences and Health Management
- Social and Behavioral Health Sciences
- Biological Health Sciences and Health Management
- Social and Behavioral Health Sciences
- Health Information Technology
- Health Management
- Aging Health Studies and Health Information Technology
- Social and Behavioral Health Sciences and Health Management
- Health Management and Health Information Technology
- Biological Health Sciences and Social and Behavioral Health Sciences
- Social and Behavioral Health Sciences and Health Information Technology

HUMANITIES AND CULTURAL STUDIES:
- American Studies
- Film and New Media Studies
- Humanities

INFORMATION STUDIES:
- Data Science and Analytics
- Health Information
- Information Security
- Information Science and Technology

INTERDISCIPLINARY SOCIAL SCIENCES:
- Africana Studies
- Aging Sciences
- American Studies
- Anthropology
- Criminology
- Mass Communications
- Communication Sciences and Disorders
- Deaf Studies
- Economics
- Environmental Science and policy
- Geography
- Humanities
- History
- Information Studies
- International Studies
- Latin American, Caribbean, and Latino Studies
- Multidisciplinary Behavioral Sciences
- Public Administration
- Political Science
- Psychology
- Public Health
- Religious Studies
- Sociology
- Communication
- Women’s and Gender Studies

MASS COMMUNICATIONS:
- Advertising
- Journalism-News-Editorial
- Journalism-Magazine
- Broadcast News
- Broadcast-Program and Production
- Public Relations

MATHEMATICS:
- Applied/Computational Mathematics
- General Mathematics
- Pure Mathematics

SOCIETY:
- Identity and Community
- Inequality and Social Justice

WORLD LANGUAGES AND CULTURES:
- Applied Linguistics
- Chinese Language and Culture
- Classics
- East Asian Languages and Cultures
- French International Studies and Business
- French
- German
- Interdisciplinary Classical Civilizations
- Italian
- Russian
- Spanish International Studies and Business
- Spanish
Certificates

A certificate is a non-degree program designed to provide students with specialized knowledge that is less extensive than, and different from, a degree program. Certificates are offered in the following areas:

**Africana Literatures**
The Certificate in Africana Literatures is designed for majors in all colleges as well as non-degree seeking students who wish to engage in a focused study of Africana literatures, acquire appreciation and knowledge of these literatures, and have that knowledge formally recognized in their academic record.

**Agricultural Sustainability and Food Biosecurity**
The certificate is designed to enhance majors within the Integrative Biology Department, particularly majors in Environmental Biology. It addresses a national need for increased agricultural training opportunities outside Land Grant institutions. The certificate will enhance the student's academic growth, facilitate the student's use of academic training to address important societal problems, and improve the student's prospects of finding gainful employment.

**Arabic Language and Culture**
This certificate is constructed for individuals who are pursuing a bachelor's degree in any field and are interested in developing their knowledge and understanding of the Arabic language and Middle Eastern culture. This certificate will prepare students for working in global business companies, the U.S. Department of State and other governmental or diplomatic positions, research centers, etc. in the future. It is offered through the Department of World Language Education.

**Asian Studies**
The Certificate in Asian Studies is designed for majors in any field who wish to gain a broad knowledge of a world area that is of unique importance. Courses counted for the Certificate also may be counted for the major (when applicable).

**Food Studies**
The Certificate in Food Studies is designed for majors in any field who wish to gain an interdisciplinary knowledge of the social, cultural, anthropological, historical and philosophical study of the production, consumption and representations of food. Food Studies is a growing field that offers students the opportunity to be genuinely interdisciplinary in their methodological approach, while studying a subject that is of tremendous social, personal, ethical, environmental and global significance. The certificate requires a total of 12 credit hours and will be effective as of fall 2012.

**Italian Studies**
The certificate will encompass courses in several departments in two colleges. The majority of courses will focus on the study of history and culture of the people who inhabit or originated from the Italian peninsula and the islands of Sardinia and Sicily from pre-historic times to the present. In addition, however, offerings will also focus on the Italian diaspora with specific reference to the experiences of people of Italian descent in the many nations in which they settled from the early 19th century to the present.

**Japanese**
The certificate is constructed for individuals who are pursuing a bachelor's degree in any field and desire to advance their Japanese learning. By developing individuals' knowledge and understanding for the Japanese language and culture, this certificate will prepare them for working in Japan or for Japanese companies, working as a foreign service officer in the U.S. Department of State, or applying for the Japanese Exchange and Teaching (JET) program, etc. in the future. The certificate is offered through the Department of World Languages.

**Latin American and Caribbean Studies**
The College of Arts and Sciences offers a Certificate in Latin American and Caribbean Studies for students who wish to gain an intensive multi-disciplinary understanding of this important area, and have that knowledge formally recognized in their academic record. This program is open to all USF majors of all colleges.

**Modern Western European Studies**
The College of Arts and Sciences offers this certificate through the collaboration of the Departments of English, Geography, History, Humanities and Cultural Studies, Government and International Affairs, World Languages, and Philosophy. It is designed for majors in any field who wish to gain a multi-disciplinary understanding of a part of the world that has shaped much of our civilization and holds great significance for Americans in the present and the future.
National Intelligence
The Certificate Program in National Intelligence is designed to promote students’ analytical capabilities, not only improving their competitiveness in the employment process, but also giving them solid intellectual foundations for demanding professional careers. The program specifically helps prepare students for careers in government, especially intelligence positions, as well as analytical executive positions in the banking, insurance, and the pharmaceutical industries. The flexible program includes workshops and seminars which each student can fit with his or her major course of study. Those who complete the certificate program should be able to effectively gather, analyze, and evaluate information and present conclusions both orally and in writing.

Russian Studies
College of Arts and Sciences offers this certificate through the collaboration of the Department of World Languages, Government and International Affairs, and History. Courses from other departments may count if their subject matter has significant Russian or Eurasian content.

Undergraduate Advising Information
The College of Arts and Sciences’ decentralized advising provides students the opportunity to work with a professional who has specialized knowledge and understanding of the major requirements, course offerings, and undergraduate research and career opportunities in their field. In addition to major advising, the college offers pre-professional advising for students intending to pursue careers in law and the health professions. Each program has its own advising office. The advisor should be contacted for information on curriculum planning, graduation requirements, and admission to professional schools.

For more information, see https://www.usf.edu/arts-sciences/students/academic-advising/undergraduate-advising.aspx

Undergraduate Advisors List

- Current Undergraduate Students: Schedule an appointment with an adviser by using the https://usfweb.usf.edu/escheduler/student.aspx%20. Login in required.
- Transfer Students: Please see the information at https://www.usf.edu/arts-sciences/students/academic-advising/new-transfer-students.aspx to schedule an appointment with an advisor.
- Health Professions Advising: Please refer to http://cas.usf.edu/healthprofessions/advising/.
- Pre Law Advising: Available through the School of Interdisciplinary Global Studies located in SOC352 to make an appointment please call 813-974-2384.
- Interested prospective students or Non USF students who do not have a USF ID number: Schedule appointments using the Nonstudent eScheduler at https://usfweb.usf.edu/escheduler/NonStudentlogin.aspx.
Africana Studies is a liberal arts program offering a Bachelor of Arts in Africana Studies, a Minor in Africana Studies and a Certificate in Africana Literatures. This program provides all students with the opportunity to study the history, culture and lived experiences of people of African descent--on the African continent and throughout the world. Students also study the influence of Africa and people of African descent on the world at-large. The Africana Studies curriculum also explores the social construction of race and racism and encourages the development of critical thinking skills while also challenging students to explore new ideas, seek new connections and become actively engaged in the global community.

STATE MANDATED COMMON COURSE PREREQUISITES

Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the University's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for this program.

REQUIREMENTS FOR THE MAJOR IN AFRICANA STUDIES

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (15 HOURS)

- AFA 2000 Introduction to the Black Experience in Africa and its Diaspora
- AFH 3100 African History to 1850
- AFH 3200 African History since 1850
- AMH 3571 African American History to 1865
- AMH 3572 African American History since 1865

MAJOR ELECTIVES (21 HOURS)

Students will take seven additional elective courses from the following list of courses:

- AFA 4150 Africa and the United States
- AFA 4335 Black Women in America
- AFA 4350 African American Community Research
- AFA 4430 Afro-Diasporic Literature and Political Movements
- AFA 4500 Slavery in the Americas and the Caribbean
- AFA 4900 Directed Readings
- AFA 4931 Selected Topics in Africana Studies
- AFS 2250 Culture and Society in Africa
- AML 3604 African American Literature
- AML 4624 Black Women Writers
- AMS 3700 Racism in American Society
- ANT 4340 The Caribbean
- PHM 4120 Major Black Thinkers

Other electives may become available to students. Please see the undergraduate advisor or the Africana Studies Undergraduate Director for further information.
RESEARCH OPPORTUNITIES

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

ADVISING INFORMATION

Pamela Anderson
Social Science Building (SOC) 389
pkander2@usf.edu

AFRICANA STUDIES FACULTY

Chairperson: S. Tauber; Associate Professors: E. Kissi, C. Rodriguez, K. Simeon-Jones; Assistant Professors: H. Dunn, O. Jolaosho, D. Ponton; Instructor: L. Lahey; Other Faculty: H.R. Kaplan, S. Moore,

B.A. - ANTHROPOLOGY (ANT)

(CIP = 45.0201)
TOTAL DEGREE HOURS: 120

http://anthropology.usf.edu/undergrad/major/

Certified Global Pathway Program

Anthropology aims at comprehending people as biological and social beings. It is concerned with all forms of people through time and space. This holistic and broad-ranging view is reflected by the presence within anthropology of four branches or sub-fields: archaeology, biological anthropology, cultural anthropology, and linguistics. Exposure to anthropological information and the cross-cultural perspective produces heightened sensitivity in the student to the world about him/her. This helps the student to adopt an intellectual posture of disciplined skepticism with respect to any scheme that purports to define and account for regularities in human life. Students majoring in other fields may find anthropology coursework an exciting and valuable supplement to their primary academic interest.

This program has been certified as a Global Pathway. Global Pathway programs have significant global content and align with the goals of USF’s Quality Enhancement Plan, the Global Citizens Project. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- ANT XXXX Two Introductory Courses in Anthropology (ANT prefix)
REQUIREMENTS FOR THE MAJOR IN ANTHROPOLOGY

TOTAL MAJOR HOURS: 37

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (19 HOURS)

- **ANT 2410** Cultural Anthropology
- **ANT 2511** Biological Anthropology
- **ANT 2511L** Biological Anthropology Laboratory
- **ANT 3101** Archaeology
- **ANT 3610** Linguistic Anthropology
- **ANT 4034** Theories of Culture
- **ANT 4701** Applied Anthropology

MAJOR ELECTIVES (18 HOURS)

Students are required to complete a minimum of 18 hours of 4000-level elective coursework, including at least one course from each subfield, from the courses listed below. A minimum of three (3) of these 18 credits must be selected from a list of designated Methods courses. Methods courses may also be counted toward the subdivision requirement.

- **Archaeology Subfield**
  - **ANT 4012** Fantastic Archaeology
  - **ANT 4142** Old World Archaeology
  - **ANT 4143** European Archaeology
  - **ANT 4147** Environmental Archaeology
  - **ANT 4153** North American Archaeology
  - **ANT 4158** Florida Archaeology
  - **ANT 4165** South American Archaeology
  - **ANT 4163** Mesoamerican Archaeology
  - **ANT 4172** Historical Archaeology
  - **ANT 4180** Laboratory Methods in Archaeology
  - **ANT 4181** Museum Methods
  - **ANT 4183C** Archaeological Science
  - **ANT 4185** Ancient Diets
  - **ANT 4260** Ancient Trade
  - **ANT 4536** Bioarchaeology
  - **ANT 4824** Archaeological Field Methods

- **Biological Anthropology Subfield**
  - **ANT 4468** Biocultural Bases of Health and Disease
  - **ANT 4516** Human Variation
  - **ANT 4520C** Forensic Anthropology
  - **ANT 4525** Human Osteology and Osteometry
  - **ANT 4532** Anthropology of Infectious and Contagious Diseases
  - **ANT 4536** Bioarchaeology
  - **ANT 4586** Prehistoric Human Evolution
  - **ANT 4593** Evolution and Health

- **Cultural Anthropology Subfield**
  - **ANT 4014** Anthropology of American Culture
  - **ANT 4241** Anthropology of Religion
  - **ANT 4243** Middle East and North Africa
  - **ANT 4285** Oral History
  - **ANT 4302** Gender in Cross-Cultural Perspectives
  - **ANT 4312** North American Indians
  - **ANT 4316** Ethnic Diversity in the United States
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- ANT 4323 Mexico and Central America
- ANT 4340 The Caribbean
- ANT 4390 Visual Anthropology
- ANT 4401 Exploring Cross-Cultural Diversity
- ANT 4403 Environmental Anthropology
- ANT 4432 The Individual and Culture
- ANT 4442 Urban Life and Culture
- ANT 4462 Health, Illness, and Culture
- ANT 4465 Anthropology of Food
- ANT 4472 Work and Migration in the Americas
- ANT 4475 Anthropology of Childhood
- ANT 4495 Methods in Cultural Research
- ANT 4532 Anthropology of Infectious and Contagious Diseases
- ANT 4620 Language and Culture
- ANT 4750 Language and Social Interaction
- ANT 4935 Rethinking Anthropology
- URS 3002 Introduction to Urban Studies

- Methods Courses (3 credit hours):
  - ANT 4180 Laboratory Methods in Archaeology
  - ANT 4181 Museum Methods
  - ANT 4183C Archaeological Science
  - ANT 4185 Ancient Diets
  - ANT 4260 Ancient Trade
  - ANT 4285 Oral History
  - ANT 4390 Visual Anthropology
  - ANT 4403 Environmental Anthropology
  - ANT 4465 Anthropology of Food
  - ANT 4495 Methods in Cultural Research
  - ANT 4520C Forensic Anthropology
  - ANT 4525 Human Osteology and Osteometry
  - ANT 4824 Archaeological Field Methods
  - ANT 4932 Honors Seminar

ANT 4930 Special Topics in Anthropology may count toward the major and within a particular subdivision depending on the specific topic. Please consult the advisor for details. No more than 4 hours combined of ANT 4901 Directed Reading, ANT 4905 Individual Research, and/or ANT 4940 Internship may count towards the 18 hours of electives.

GPA REQUIREMENTS

In order to graduate, students must maintain an average best attempt 2.5 GPA in all courses counted toward the major.

RESIDENCY REQUIREMENT

Fifty percent of the major coursework must be completed at USF Tampa.

RESEARCH OPPORTUNITIES

There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. Students may do a Directed Reading (ANT 4901) or Individual Research (ANT 4905) with credits applying to the major. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office for Undergraduate Research will assist students in understanding the various course options.
INTERNSHIP OPPORTUNITIES

Through the internship program, anthropology students have the opportunity to receive educational, hands-on training from various organizations, agencies, companies or institutions for credit. The course includes an exploration of the ethics of applied anthropology and careers in applied settings, such as community organizing, forensics, public/community health, or cultural resource management. Students will complete field journals and receive feedback from advisers throughout. This course fulfills selective credits required for the completion of the anthropology program. For more information, please visit: http://anthropology.usf.edu/internships/

OPTIONAL HONORS PROGRAM

The purpose of the Honors Program is to provide outstanding Anthropology undergraduates with advanced, individually tailored training in areas of anthropology of interest to them. The program, operating independently of the major itself, involves a year of coursework and research culminating in the writing of an Honors thesis. Students in the first semester of their junior year, prior to completion of 90 semester hours, may apply to the program.

Admission is competitive, based on the student's overall academic record:

- Minimum overall 3.25 GPA,
- 3.5 GPA for USF Anthropology coursework,
- A two-page, personal statement indicating research interests, and
- A letter of recommendation and commitment from a faculty member of the Department of Anthropology.

Successful completion of the program requires:

- Maintenance of an overall 3.25 GPA,
- Maintenance of a 3.5 GPA in the major,
- Completion of ANT 4932 Honors Seminar, with a grade of B or better,
- Completion of ANT 4970 (3) (Honors Thesis) with a grade of "S,"
- Presentation of the research at the Department's Honors Colloquium
- Completion of all other requirements for graduation.

Please see the Anthropology Department undergraduate advisor for further information and application forms.

OTHER INFORMATION

Anthropology majors are urged to become competent readers and speakers of a relevant foreign language (which may include American Sign Language, Latin, or Greek, depending on their interests). They are also urged to enhance their English reading, writing, speaking and critical thinking capabilities and develop their skills in computational, statistical and other forms of quantitative analysis at every opportunity. Students are encouraged to fulfill General Education and Exit requirements with courses relevant to their interests in anthropology whenever possible. In pursuit of all these goals, they should meet with the department's undergraduate advisor at least once each semester to discuss such topics as academic progress, future course plans, Anthropology's Honors Program, summer field schools, job opportunities, graduate education and professional careers in anthropology.

ADVISING INFORMATION

AnthroAdvise@usf.edu

ANTHROPOLOGY FACULTY

The Biomedical Sciences degree serves as a gateway into a variety of health-professional programs such as Medicine, Pharmacy, Dentistry, and Physician Assistant. Required courses include Biology, Chemistry, Math, and Physics. This degree provides the flexibility to choose advanced-level science coursework based on academic and professional interests. Students contemplating graduate study should pursue a major in the discipline of their interest, such as Biology, Chemistry, or Microbiology.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- BSC X010 & BSC X010L Biology I & Lab or BSC X010C
- BSC X011 & BSC X011L Biology II & Lab or BSC X011C
- CHM X045 & CHM X045L General Chemistry I & Lab or CHM X045C
- CHM X046 & CHM X046L General Chemistry II & Lab or CHM X046C
- CHM X210 & CHM X210L Organic Chemistry I & Lab or CHM X210C
- CHM X211 & CHM X211L Organic Chemistry II & Lab or CHM X211C
- PHY X053 & PHY X053L General Physics I & Lab and PHY X054 & PHY X054L General Physics II & Lab
  - OR
  - PHY X053C and PHY X054C OR
  - PHY X048 & PHY X048L General Physics I & Lab and PHY X049 & PHY X049L General Physics II & Lab OR
  - BSC X093C Human Anatomy & Physiology I and BSC X094C Human Anatomy & Physiology II OR
  - BSC X093 & BSC X093L and BSC X094 & BSC X094L
- MAC X241 Life Sciences Calculus or MAC X281 or MAC X311
- MAC X242 Life Sciences Calculus II or MAC X282 or MAC X312 or STA X023 or STA X024

REQUIREMENTS FOR THE MAJOR IN BIOMEDICAL SCIENCES

TOTAL MAJOR HOURS: 61-62

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (40 HOURS)

Tier 1

Required Biology Courses (8 credit hours):

- BSC 2010 Cellular Processes
- BSC 2010L Cellular Processes Laboratory
- BSC 2011 Biodiversity
BSC 2011L Biodiversity Laboratory

Required Chemistry Courses (18 credit hours):
- CHM 2045 General Chemistry I
- CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II
- CHM 2046L General Chemistry II Laboratory
- CHM 2210 Organic Chemistry I
- CHM 2210L Organic Chemistry I Laboratory
- CHM 2211 Organic Chemistry II
- CHM 2211L Organic Chemistry II Laboratory

Required Mathematics Courses (6 credit hours):*
- MAC 2241 Life Sciences Calculus I
  - MAC 2311 and MAC 2281 are also acceptable for the major.
- MAC 2242 Life Sciences Calculus II or STA 2023 Introductory Statistics I
  - MAC 2312 and MAC 2282 are also acceptable for the major.

Required Physics Courses (8 credit hours):*
- PHY 2053 General Physics I
- PHY 2053L General Physics I Laboratory
- PHY 2054 General Physics II
- PHY 2054L General Physics II Laboratory
  - PHY 2048, PHY 2048L General Physics I and Lab and PHY 2049, PHY 2049L General Physics II and Lab are also acceptable for the major.
  - PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.
  - Students may substitute Human Anatomy or Physiology I and II (BSC 2093C & BSC 2094C or BSC 2085, BSC 2085L & BSC 2086, BSC 2086L) for Physics I & II.

MAJOR ELECTIVES (21-22 HOURS)

Tier 2

Required Biomedical Electives: Total 7-8 credit hours of required courses:
- BCH 3053 General Biochemistry
- MCB 3020 and MCB 3020L General Microbiology and Laboratory
  - or chose one lecture: PCB 3063 or PCB 3023 and one lab: PCB 3063L, PCB 3023L or BCH 3023L

Minimum of 14 credits from the following to include:
- Upper-level Biology course (3 hour minimum lecture course)
- Upper-level Chemistry course (3 hour minimum lecture course)
- Upper-level Chemistry or Biology course (3 hour minimum lecture course)
- Upper-level Chemistry or Biology Lab (1 hour minimum)
- Upper-level Additional Biomedical electives (4 hours minimum)

Biology Courses:
- BOT 3850 Medical Botany
- MCB 4115 Determinative Bacteriology
- MCB 4115L Determinative Bacteriology Lab
- MCB 4404 Microbial Physiology and Genetics
- MCB 4404L Microbial Physiology and Genetics Laboratory
- MCB 4503 Virology
- MCB 3410 Cell Metabolism
- PCB 3023 Cell Biology
- PCB 3023L Cell Biology Laboratory
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PCB 3063 General Genetics
PCB 3063L Genetics Laboratory
PCB 3712 General Physiology
PCB 3713L General Physiology Laboratory
PCB 4109 Cancer Biology
PCB 4234 Principles of Immunology**
PCB 4522C Experimental Genetics and Cell Biology
PCB 4723 Animal Physiology
PCB 4723L Animal Physiology Laboratory
PCB 4744 Biomedical Physiology
PCB 4843 Principles of Neuroscience
ZOO 3713C Comparative Vertebrate Anatomy
ZOO 4753 Human Histology & Molecular Pathology of Disease
ZOO 4753L Human Histology & Molecular Pathology of Disease Lab

Chemistry Courses:

BCH 3023L Basic Biochemistry Laboratory*
BCH 4033 Advanced Biochemistry I
BCH 4034 Advanced Biochemistry II
CHM 3120C Elementary Analytical Chemistry
CHM 3415C Physical Chemistry Methods
CHM 3610 Intermediate Inorganic Chemistry
CHM 3610L Intermediate Inorganic Chemistry Laboratory
CHM 3941 Peer Leading in Chemistry
CHM 4410 Physical Chemistry I
CHM 4410L Physical Chemistry Laboratory
CHM 4411 Physical Chemistry II
CHM 4413 Biophysical Chemistry
CHM 4300 Biomolecules I
CHM 4230 Spectroscopic Analysis of Organic Compounds
CHM 4274 Introduction to Drug Discovery
CHM 4292 Introduction to Medicinal Chemistry
CHM 4307 BioOrganic Chemistry
CHM 4455 Chemistry of High Polymers
CHM 4932 Selected Topics in Chemistry**
CHS 4300 Fundamentals of Clinical Chemistry
CHS 4301L Clinical Laboratory

*BCH 3023L Satisfies Lab or Additional Biomedical Elective Only

**Contact Advisor for approval of CHM 4932 Courses

Other Courses:

CHM 4060 Use of Chemical Literature
HSC 4504 Foundations of Public Health Immunology**
PHZ 4702 Applications of Physics to Biology & Medicine I
PHZ 4703 Applications of Physics to Biology & Medicine II

**Students may not use both HSC 4504 and PCB 4234 to the meet Tier 2 required Biomedical Electives requirements.

General Electives. Courses over and above the required courses should be taken to complete a 120 hour program. Additional courses in computer programming, economics, management, engineering, statistics, writing, and other applied disciplines are strongly recommended to strengthen the degree for subsequent professional employment.
Transfer Credit: It is strongly recommended that students transferring from community/state colleges to the University of South Florida complete whole sequences of chemistry courses, such as general and organic chemistry, before they transfer. Even though courses may carry the same common course number, topics covered may vary significantly from school to school.

D/F Policy: The following three departments, the Department of Chemistry, the Department of Cell Biology, Microbiology and Molecular Biology and the Department of Integrative Biology have instituted a procedure to provide students with the best opportunity to progress toward their degree requirements.

Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning D and/or F grades. Students unable to successfully complete these courses within these prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.

Furthermore, any student who requests a change of major to one offered in the below identified departments will be required to meet these prescribed parameters as well as those criteria outlined in the Degree Progression Policy 10-505. Any continuing student who was previously forced to select a different major based on previous versions of this policy may now be eligible to pursue the majors listed below, but only if they meet both the criteria described here as well as the Degree Progression Policy 10-505 criteria. Students who are able to complete one of the below majors by earning fewer credit hours than required to complete any other major offered at USF may petition to request an exception and should contact the School of Natural Sciences and Mathematics Advising Office for instructions. Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

Included Departments/Divisions:
Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

Included courses:
BCH 3053 BSC 2010; BSC 2011; BSC 2085; BSC 2086; BSC 2093C; BSC 2094C; BSC 2932; CHM 2023; CHM 2045; CHM 2046; CHM 2210; CHM 2211; CHS 2440; MAT 1033; MAC 1105; MAC 1147; MAC 2241; MAC 2242; MAC 2281; MAC 2282; MAC 2311; MAC 2312; MCB 3020; PCB 3023; PCB 3063; PHY 2053; PHY 2054; PHY 2048; PHY 2049; PHY 2060; PHY 2061; STA 2023.

GRADING REQUIREMENT
A grade of C or better is required for science and mathematics courses and each supporting course for the Major. All courses in any chemistry major must be taken with letter grade (A, B, C, D, F, I) except those courses which are graded S/U only.

RESIDENCY REQUIREMENT
Chemistry residency requirement: Seven (7) credits of Chemistry coursework, upper or lower level, must be completed at USF.
Upper-level residency requirement: 12 credit hours of major-applicable, upper-level natural science courses must be completed at USF.

OTHER REQUIREMENTS
No duplicate credit allowed.

RESEARCH OPPORTUNITIES
The Department of Chemistry offers the opportunity for students to participate in undergraduate research with Chemistry faculty. Students can apply for the Academic Research Experience for Undergraduates (REU) Program and find more information here: http://chemistry.usf.edu/undergraduate/reu/. Students who wish to enroll in an undergraduate research course with a Chemistry faculty member should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in a 0 credit research course. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Academic Advisors in the Department of Chemistry, as well as the Office for Undergraduate Research, can assist students in understanding the various course options.
ACCELERATED B.S./M.A.T. PROGRAM

Accelerated B.S. in Biomedical Sciences and M.A.T. in Science Education

This program intends for students to complete a B.S. in Biomedical Sciences (College of Arts and Sciences) and M.A.T. in Science Education (College of Education) over the span of five years. Students completing this program will be eligible for high school and/or middle school science teacher certification. Completion of this program requires students to complete 12 credit hours toward the M.A.T. in Science Education during their senior year in the Biomedical Sciences major.

ADVISING INFORMATION

Department of Chemistry Advising: chemadvise@usf.edu or http://chemistry.usf.edu/advising/.

BIOMEDICAL SCIENCES FACULTY


B.S. - CELL AND MOLECULAR BIOLOGY (CAM)

(CIP = 26.0101 - TRACK 1 OF 2)

TOTAL DEGREE HOURS: 120

http://biology.usf.edu/cmmb/

This degree provides a strong foundation in general biology, with an emphasis on biomedical related areas, but focuses on the cellular and molecular processes that occur within cells. Many of the breakthroughs in the field of biology over the past several decades have shed light on how cells function in the context of the whole organism. The fields of genomics and computational biology have begun to solve the mystery of how networks of genes are regulated and how cells interact with each other and the how complex organisms react to their environment. Advances in cell and molecular biology continually lead to new treatments for age-related diseases such as cancer and Alzheimer’s. This degree prepares students for application to medical school, dental school, graduate school and careers in biotechnology, science policy, biomedical research, teaching, science writing and illustration. Many of our students continue their studies by attending graduate school in biology and other related disciplines.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- BSC X010/X010L Biology I with Lab or BSC X010C or BSC X040/X040L or BSC X040C
- BSC X011/X011L Biology II with Lab or BSC X011C or BSC X041/X041L or ZOO X010/010L or BOT X010/X010L or BOT X013/X013L or BSC X041C or ZOO X010C or BOT X010C or BOT X013C
- CHM X045/X045L General Chemistry I with Lab or CHM X045C or CHM X040 and CHM X041
REQUIREMENTS FOR THE MAJOR IN CELL AND MOLECULAR BIOLOGY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 32-34 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- CHM 2045 General Chemistry I
- CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II
- CHM 2046L General Chemistry II Laboratory
- CHM 2210 Organic Chemistry I
- CHM 2210L Organic Chemistry I Laboratory
- CHM 2211 Organic Chemistry II
- CHM 2211L Organic Chemistry II Laboratory
- MAC 2241 Life Sciences Calculus I and MAC 2242 Life Sciences Calculus II
  - or MAC 2281 Engineering Calculus I and MAC 2282 Engineering Calculus II
  - or MAC 2311 Calculus I and MAC 2312 Calculus II
    - STA 2023 Introductory Statistics I may be substituted for any Calculus II
- PHY 2048/2048L General Physics I and PHY 2049/2049L General Physics II
  - or PHY 2053/2053L General Physics I and PHY 2054/2054L General Physics II
  - or PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.

TOTAL MAJOR HOURS: 40

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (25 HOURS)

Minimum 40 credit hours.

- BSC 2010 Cellular Processes
- BSC 2010L Cellular Processes Laboratory
- BSC 2011 Biodiversity
- BSC 2011L Biodiversity Laboratory
- MCB 3410 Cell Metabolism
- PCB 3063 General Genetics
- PCB 3023 Cell Biology
- PCB 3023L Cell Biology Laboratory and PCB 3063L General Genetics Laboratory

Choose two of the following courses:
  - PCB 4024 Molecular Biology of Cell
  - PCB 4026 Molecular Biology of Gene
  - PCB 4109 Cancer Biology

MAJOR ELECTIVES (15 HOURS)

Students choose a minimum of 15 credit hours from the following list of courses:

- BCH 3053 General Biochemistry
- BOT 4434C Mycology
*Selected topics approved for the major by the Department of Cell Biology, Microbiology and Molecular Biology

Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning 3 D and/or F grades. Students unable to successfully complete these courses within these prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.

Furthermore, any student who requests a change of major to one offered in the below identified departments will be required to meet these prescribed parameters as well as those criteria outlined in the Degree Progression Policy 10-505. Any continuing student who was previously forced to select a different major based on previous versions of this policy may now be eligible to pursue the majors listed below, but only if they meet both the criteria described here as well as the Degree Progression Policy 10-505 criteria. Students who are able to complete one of the below majors by earning fewer credit hours than required to complete any other major offered at USF may petition to request an exception and should contact the School of Natural Sciences and Mathematics Advising Office for instructions. Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

Included Departments/Divisions:

Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

Included courses:

BCH 3053 BSC 2010; BSC 2011; BSC 2085; BSC 2086; BSC 2093C; BSC 2094C; BSC 2932; CHM 2023; CHM 2045; CHM 2046; CHM 2210; CHM 2211; CHS 2440; MAT 1033; MAC 1105; MAC 1147; MAC 2241; MAC 2242; MAC 2281; MAC 2282; MAC 2311; MAC 2312; MCB 3020; PCB 3023; PCB 3063; PHY 2053; PHY 2054; PHY 2048; PHY 2049; PHY 2060; PHY 2061; STA 2023.

COURSE GRADE REQUIREMENT

Please note that some supporting science courses may require a grade of C (2.0) or better in order to meet the prerequisite requirements for course sequences.
GRADING REQUIREMENT

A student must receive a C- grade or better in all Department of Cell Biology, Microbiology, and Molecular Biology courses and supporting courses in the natural sciences, except if they are used as general elective courses. This specification applies to both USF and transfer courses.

RESIDENCY REQUIREMENT

A minimum of 20 credits hours of courses must be taken in residency and be applicable to the major.

Once a student has matriculated to USF Tampa, he/she is expected to take 100 percent of the required major coursework at USF Tampa.

RESEARCH OPPORTUNITIES

A maximum of 2 credit hours of Undergraduate Research (BSC 4910) may be taken in a single semester, and a maximum of 4 credit hours of Undergraduate Research may be applied as electives.

ACCELERATED NON-THESIS B.S./M.S. PROGRAM

Accelerated B.S. in Cell and Molecular Biology and M.S. in Biology with a concentration in Cell and Molecular Biology (Non-Thesis)

This program allows Cell and Molecular Biology majors to take graduate courses for the elective part of the major and apply them to a non-thesis M.S. degree in Biology with a concentration in Cell and Molecular Biology. Successful students will be able to earn the M.S. degree in two additional semesters beyond the completion of the B.S. degree.

ADVISING INFORMATION

Bioadvise: Science Center (SCA) 203; (813) 974-3250
http://biology.usf.edu/bioadvise/
Email: bioadvise@usf.edu

CELL AND MOLECULAR BIOLOGY FACULTY


B.A. - CHEMISTRY (CHM)

(CIP = 40.0501 - TRACK 1 OF 3)
TOTAL DEGREE HOURS: 120

http://chemistry.usf.edu/undergraduate/majors/ba/

The Chemistry B.A. gives students exposure to analytical, inorganic, organic and physical chemistry while providing the flexibility to take additional elective courses. Students interested in professional, law, or graduate school or those who anticipate working in careers related to secondary education or business will find this degree attractive. The B.A. student whose goals include graduate study should supplement this curriculum by addition and/or substitution of a selection of advanced courses from the B.S. program. The Bachelor of Arts in Chemistry provides opportunities for curricula individually tailored to meet many career objectives.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- CHM X045/CHM X045L General Chemistry I (with lab) or CHM X040 and CHM X041 or CHM X045C
- CHM X046/CHM X046L General Chemistry II or CHM X046C
- MAC X311 Calculus I or MAC X281 Engineering Calculus I
- MAC X312 Calculus II or MAC X282 Engineering Calculus II
- CHM X210/CHM X210L Organic Chemistry I & Laboratory and CHM X211/X211L or CHM X210C and CHM X211C
- PHY X048/PHY X048L Gen Physics I & Laboratory and PHY X049/PHY X049L Gen Physics II & Laboratory or PHY X048C and PHY X049C or PHY X053/X053L and PHY X054/X054L or PHY X053C and PHY X054C

REQUIREMENTS FOR THE MAJOR IN CHEMISTRY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 24 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- MAC 2311 Calculus I and MAC 2312 Calculus II
  - MAC 2281 Engineering Calculus I and MAC 2282 Engineering Calculus II are also accepted for this major
- PHY 2053 General Physics I and PHY 2053L General Physics I Laboratory and PHY 2054 General Physics II and PHY 2054L General Physics II Laboratory or PHY 2048L, General Physics I-Calculus Based Laboratory and PHY 2049 General Physics II-Calculus Based and PHY 2049L General Physics II-Calculus Based Laboratory
  - PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.

Students must choose eight (8) hours of required natural science or engineering electives from the following suggested list of courses:

- BSC 2010 Cellular Processes and BSC 2010L Cellular Processes Laboratory
- BSC 2011 Biodiversity and BSC 2011L Biodiversity Laboratory
- GLY 2010 Dynamic Earth: Introduction to Physical Geology and GLY 2000L Essentials of Geology Laboratory
- GLY 2100 History of Life and GLY 2100L History of Life Laboratory
- EVR 2001 Introduction to Environmental Science and EVR 2001L Environmental Science Laboratory
- CGS 2060 Introduction to Computers and Computer Programming
- STA 2023 Introductory Statistics I

TOTAL MAJOR HOURS: 39

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (33 HOURS)

Students are required to complete 39 credits of degree applicable Chemistry coursework.

- CHM 2045 General Chemistry I
- CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II
- CHM 2046L General Chemistry II Laboratory
- CHM 2210 Organic Chemistry I
- CHM 2210L Organic Chemistry I Laboratory
- CHM 2211 Organic Chemistry II
MAJOR ELECTIVES (6 HOURS)

Students must choose six (6) credit hours of coursework at 3000-level or above; may not include more than 1 hour of CHM 4970.

- BCH 3023L Basic Biochemistry Laboratory
- BCH 4033 Advanced Biochemistry I
- BCH 4034 Advanced Biochemistry II
- CHM 3415C Physical Chemistry Methods
- CHM 4060 Use of Chemical Literature
- CHM 4070 Historical Perspectives in Chemistry
- CHM 4130C Methods of Instrument Analysis
- CHM 4131C Methods of Chemical Investigation II
- CHM 4230 Spectroscopic Analysis of Organic Compounds
- CHM 4274 Introduction to Drug Discovery
- CHM 4292 Introduction to Medicinal Chemistry
- CHM 4300 Biomolecules I
- CHM 4307 BioOrganic Chemistry
- CHM 4410L Physical Chemistry Laboratory
- CHM 4411 Physical Chemistry II
- CHM 4455 Chemistry of High Polymers
- CHM 4611 Advanced Inorganic Chemistry
- CHM 4932 Selected Topics in Chemistry*
- CHM 4970 Undergraduate Research
- CHS 4300 Fundamentals of Clinical Chemistry
- CHS 4301L Clinical Laboratory

*Contact Advisor for approval of CHM 4932 Courses

General Electives. Courses over and above the required courses should be taken to complete a 120 hour program. Additional courses in computer programming, economics, management, engineering, statistics, writing, and other applied disciplines are strongly recommended to strengthen the degree for subsequent professional employment.

Transfer Credit: It is strongly recommended that students transferring from community/state colleges to the University of South Florida complete whole sequences of chemistry courses, such as general and organic chemistry, before they transfer. Even though courses may carry the same common course number, topics covered may vary significantly from school to school.

D/F Policy: The following three departments, the Department of Chemistry, the Department of Cell Biology, Microbiology and Molecular Biology and the Department of Integrative Biology have instituted a procedure to provide students with the best opportunity to progress toward their degree requirements.

Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning 3 D and/or F grades. Students unable to successfully complete these courses within these prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.
Furthermore, any student who requests a change of major to one offered in the below identified departments will be required to meet these prescribed parameters as well as those criteria outlined in the Degree Progression Policy 10-505. Any continuing student who was previously forced to select a different major based on previous versions of this policy may now be eligible to pursue the majors listed below, but only if they meet both the criteria described here as well as the Degree Progression Policy 10-505 criteria. Students who are able to complete one of the below majors by earning fewer credit hours than required to complete any other major offered at USF may petition to request an exception and should contact the School of Natural Sciences and Mathematics Advising Office for instructions. Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

Included Departments/Divisions:
Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

Included courses:
BCH 3053; BSC 2010; BSC 2011; BSC 2085; BSC 2086; BSC 2093C; BSC 2094C; BSC 2932; CHM 2023; CHM 2045; CHM 2046; CHM 2210; CHM 2211; CHS 2440; MAT 1033; MAC 1105; MAC 1147; MAC 2241; MAC 2242; MAC 2281; MAC 2282; MAC 2311; MAC 2312; MCB 3020; PCB 3023; PCB 3063; PHY 2053; PHY 2054; PHY 2048; PHY 2049; PHY 2060; PHY 2061; STA 2023.

GRADING REQUIREMENT
A grade of C or better is required for science and mathematics courses and each supporting course for the Major. All courses in any chemistry major must be taken with letter grade (A, B, C, D, F, I) except those courses which are graded S/U only.

RESIDENCY REQUIREMENT
Nine (9) hours of upper-level chemistry courses must be completed at USF for the Bachelor of Arts in Chemistry and the Bachelor of Science in Chemistry degrees.

RESEARCH OPPORTUNITIES
The Department of Chemistry offers the opportunity for students to participate in undergraduate research with Chemistry faculty. Students can apply for the Academic Research Experience for Undergraduates (REU) Program and find more information here: http://chemistry.usf.edu/undergraduate/reu/. Students who wish to enroll in an undergraduate research course with a Chemistry faculty member should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in a 0 credit research course. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Academic Advisors in the Department of Chemistry, as well as the Office for Undergraduate Research, can assist students in understanding the various course options.

ACCELERATED B.A./M.A.T. PROGRAM
Accelerated B.A. in Chemistry and M.A.T. in Science Education
This program intends for students to complete a B.A. in Chemistry (College of Arts and Sciences) and M.A.T. in Science Education (College of Education) over the span of five years. Students completing this program will be eligible for high school and/or middle school science teacher certification. Completion of this program requires students to complete 12 credit hours toward the M.A.T. in Science Education during their senior year in the Chemistry (B.A.) major.

ADVISING INFORMATION
Department of Chemistry Advising: chemadvise@usf.edu or http://chemistry.usf.edu/advising/.
CHEMISTRY FACULTY


BIOCHEMISTRY/BIOTECHNOLOGY (CBY) CONCENTRATION

(CIP = 40.0501)
TOTAL DEGREE HOURS: 120

The Biochemistry/Biotechnology concentration offers a unique opportunity for students to pursue later studies and/or professional emphasis in Biochemistry and Biotechnology along with a strong foundation in the chemical knowledge and skills that are essential to these areas.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- CHM X045/CHM X045L General Chemistry I (with lab) or CHM X040 and CHM X041 or CHM X045C
- CHM X046/CHM X046L General Chemistry II or CHM X046C
- MAC X311 Calculus I or MAC X281 Engineering Calculus I
- MAC X312 Calculus II or MAC X282 Engineering Calculus II
- CHM X210/CHM X210L Organic Chemistry I & Laboratory and CHM X211/X211L or CHM X210C and CHM X211C
- PHY X048/PHY X048L Gen Physics I & Laboratory and PHY X049/PHY X049L Gen Physics II & Laboratory or PHY X048C and PHY X049C or PHY X053/X053L and PHY X054/X054L or PHY X053C and PHY X054C

REQUIREMENTS FOR THE CONCENTRATION IN BIOCHEMISTRY/BIOTECHNOLOGY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 24 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- BSC 2010 Cellular Processes
- BSC 2010L Cellular Processes Laboratory
- PCB 3023 Cell Biology
- PCB 3023L Cell Biology Laboratory
MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (30 HOURS)

Students are required to complete 39 credits of degree applicable Chemistry coursework.

- CHM 2045 General Chemistry I
- CHM 2045L General Chemistry I Lab
- CHM 2046 General Chemistry II
- CHM 2046L General Chemistry II Lab
- CHM 2210 Organic Chemistry I
- CHM 2210L Organic Chemistry I Lab
- CHM 2211 Organic Chemistry II
- CHM 2211L Organic Chemistry II Lab
- CHM 3120C Elementary Analytical Chemistry I
- BCH 4033 Advanced Biochemistry I
- BCH 3023L Basic Biochemistry Laboratory
- BCH 4034 Advanced Biochemistry II

MAJOR ELECTIVES (9 HOURS)

Minimum of 9 hours selected from the following:

- CHM 3415C Physical Chemistry Methods
- CHM 3610 Intermediate Inorganic Chemistry
- CHM 3610L Intermediate Inorganic Chemistry Lab
- CHM 4060 Use of Chemical Literature
- CHM 4300 Biomolecules I
- CHM 4070 Historical Perspectives in Chemistry
- CHM 4230 Spectroscopic Analysis of Organic Compounds
- CHM 4274 Introduction to Drug Discovery
- CHM 4292 Introduction to Medicinal Chemistry
- CHM 4307 BioOrganic Chemistry
- CHM 4455 Chemistry of High Polymers
- CHM 4410 Physical Chemistry
- CHM 4410L Physical Chemistry Lab
- CHM 4411 Physical Chemistry II
- CHM 4413 Biophysical Chemistry
- CHM 4932 Selected Topics in Chemistry*

*Contact Advisor for approval of CHM 4932 Courses

General Electives. Courses over and above the required courses should be taken to complete a 120 hour program. Additional courses in computer programming, economics, management, engineering, statistics, writing, and other applied disciplines are strongly recommended to strengthen the degree for subsequent professional employment.
Transfer Credit: It is strongly recommended that students transferring from community/state colleges to the University of South Florida complete whole sequences of chemistry courses, such as general and organic chemistry, before they transfer. Even though courses may carry the same common course number, topics covered may vary significantly from school to school.

D/F Policy: The following three departments, the Department of Chemistry, the Department of Cell Biology, Microbiology and Molecular Biology and the Department of Integrative Biology have instituted a procedure to provide students with the best opportunity to progress toward their degree requirements.

Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning 3 D and/or F grades. Students unable to successfully complete these courses within these prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.

Furthermore, any student who requests a change of major to one offered in the below identified departments will be required to meet these prescribed parameters as well as those criteria outlined in the Degree Progression Policy 10-505. Any continuing student who was previously forced to select a different major based on previous versions of this policy may now be eligible to pursue the majors listed below, but only if they meet both the criteria described here as well as the Degree Progression Policy 10-505 criteria. Students who are able to complete one of the below majors by earning fewer credit hours than required to complete any other major offered at USF may petition to request an exception and should contact the School of Natural Sciences and Mathematics Advising Office for instructions. Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

Included Departments/Divisions:
Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

Included courses:

BCH 3053 BSC 2010; BSC 2011; BSC 2085; BSC 2086; BSC 2093C; BSC 2094C; BSC 2932; CHM 2023; CHM 2045; CHM 2046; CHM 2210; CHM 2211; CHS 2440; MAT 1033; MAC 1105; MAC 1147; MAC 2241; MAC 2242; MAC 2281; MAC 2282; MAC 2311; MAC 2312; MCB 3020; PCB 3023; PCB 3063; PHY 2053; PHY 2054; PHY 2048; PHY 2049; PHY 2060; PHY 2061; STA 2023.

GRADING REQUIREMENT
A grade of C or better is required for science and mathematics courses and each supporting course for the Major. All courses in any chemistry major must be taken with letter grade (A, B, C, D, F, I) except those courses which are graded S/U only.

RESIDENCY REQUIREMENT
Nine (9) hours of upper-level chemistry courses must be completed at USF for the Bachelor of Arts in Chemistry and the Bachelor of Science in Chemistry degrees.

OTHER REQUIREMENTS
Other suggested electives important for advanced studies in Biochemistry:

- EVR 2001 Introduction to Environmental Science
- MCB 3020 General Microbiology
- MCB 3020L General Microbiology Laboratory
- PCB 3063 General Genetics
- STA 2023 Introductory Statistics I

ADVISING INFORMATION
Department of Chemistry Advising: chemadvise@usf.edu or http://chemistry.usf.edu/advising/.
B.S. - CHEMISTRY (CHS)

(CIP = 40.0501 - TRACK 1 OF 2)
TOTAL DEGREE HOURS: 120

The Bachelor of Science in Chemistry is designed for students wishing to continue with graduate training in chemistry and closely allied disciplines and the degree is certified by the American Chemical Society. The Bachelor of Science in Chemistry provides a firm foundation in all five disciplines of chemistry: organic, physical chemistry, inorganic, analytical and biochemistry. Students interested in research, the pursuit of an advanced degree, employment in the chemical industry, or who want to teach at the secondary education level may find this degree attractive. The curriculum for the B.S. degree in Chemistry meets the requirements for degree certification by the American Chemical Society.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- CHM X045/CHM X045L General Chemistry I (with lab) or CHM X040 and CHM X041 or CHM X045C
- CHM X046/CHM X046L General Chemistry II or CHM X046C
- MAC X311 Calculus I or MAC X281 Engineering Calculus I
- MAC X312 Calculus II or MAC X282 Engineering Calculus II
- CHM X210/CHM X210L Organic Chemistry I & Laboratory and CHM X211/X211L or CHM X210C and CHM X211C
- PHY X048PHY X048L Gen Physics I & Laboratory and PHY X049/PHY X049L Gen Physics II & Laboratory or PHY X048C and PHY X049C or PHY X053/X053L and PHY X054/X054L or PHY X053C and PHY X054C

REQUIREMENTS FOR THE MAJOR IN CHEMISTRY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 22 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.
MAC 2311 Calculus I and MAC 2312 Calculus II or MAC 2281 Engineering Calculus I and MAC 2282 Engineering Calculus II
PHY 2048 General Physics I-Calculus Based and PHY 2048L General Physics I-Calculus Based Laboratory and PHY 2049 General Physics II-Calculus Based and PHY 2049L General Physics II-Calculus Based Laboratory
  o PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.
BSC 2010 Cellular Processes
One 3000-level Natural Science or Engineering course (PHY 3101 suggested) or
One 2000-level Natural Science course (BSC 2111, GLY 2010, GLY 2100, EVR 2001)

TOTAL MAJOR HOURS: 54

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (54 HOURS)

The required sequence of Chemistry courses should be started immediately in the freshman year; the mathematics and physics requirements should be completed before the junior year as preparation for CHM 4410 Physical Chemistry I (B.S. degree), a course which is to be taken in the third year. CHM 4410 is a prerequisite to other advanced courses required for the B.S. degree in chemistry. Students are strongly encouraged to complete CHM 3415C prior to their registration in CHM 4410 and CHM 4411.

Students are required to complete 54 credits of degree applicable Chemistry coursework.

- CHM 2045 General Chemistry I
- CHM 2046L General Chemistry I Laboratory
- CHM 2046 General Chemistry II
- CHM 2046L General Chemistry II Laboratory
- CHM 2210 Organic Chemistry I
- CHM 2210L Organic Chemistry I Laboratory
- CHM 2211 Organic Chemistry II
- CHM 2211L Organic Chemistry II Laboratory
- BCH 4033 Advanced Biochemistry I
- CHM 3120C Elementary Analytical Chemistry
- CHM 3415C Physical Chemistry Methods
- CHM 3610 Intermediate Inorganic Chemistry
- CHM 3610L Intermediate Inorganic Chemistry Laboratory
- CHM 4060 Use of Chemical Literature
- CHM 4130C Methods of Instrumental Analysis
- CHM 4131C Methods of Chemical Investigation II
- CHM 4410 Physical Chemistry I
- CHM 4410L Physical Chemistry Laboratory
- CHM 4411 Physical Chemistry II
- CHM 4611 Advanced Inorganic Chemistry

General Electives. Courses over and above the required courses should be taken to complete a 120 hour program. Additional courses in computer programming, economics, management, engineering, statistics, writing, and other applied disciplines are strongly recommended to strengthen the degree for subsequent professional employment.

Transfer Credit: It is strongly recommended that students transferring from community/state colleges to the University of South Florida complete whole sequences of chemistry courses, such as general and organic chemistry, before they transfer. Even though courses may carry the same common course number, topics covered may vary significantly from school to school.

D/F Policy: The following three departments, the Department of Chemistry, the Department of Cell Biology, Microbiology and Molecular Biology and the Department of Integrative Biology have instituted a procedure to provide students with the best opportunity to progress toward their degree requirements.
Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning 3 D and/or F grades. Students unable to successfully complete these courses within these prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.

Furthermore, any student who requests a change of major to one offered in the below identified departments will be required to meet these prescribed parameters as well as those criteria outlined in the Degree Progression Policy 10-505. Any continuing student who was previously forced to select a different major based on previous versions of this policy may now be eligible to pursue the majors listed below, but only if they meet both the criteria described here as well as the Degree Progression Policy 10-505 criteria. Students who are able to complete one of the below majors by earning fewer credit hours than required to complete any other major offered at USF may petition to request an exception and should contact the School of Natural Sciences and Mathematics Advising Office for instructions. Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

Included Departments/Divisions:

Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

Included courses:

BCH 3053 BSC 2010; BSC 2011; BSC 2085; BSC 2086; BSC 2093C; BSC 2094C; BSC 2932; CHM 2023; CHM 2045; CHM 2046; CHM 2210; CHM 2211; CHS 2440; MAT 1033; MAC 1105; MAC 1147; MAC 2241; MAC 2242; MAC 2281; MAC 2282; MAC 2311; MAC 2312; MCB 3020; PCB 3023; PCB 3063; PHY 2053; PHY 2054; PHY 2048; PHY 2049; PHY 2060; PHY 2061; STA 2023.

GRADING REQUIREMENT

A grade of C or better is required for science and mathematics courses and each supporting course for the Major. All courses in any chemistry major must be taken with letter grade (A, B, C, D, F, I) except those courses which are graded S/U only.

RESIDENCY REQUIREMENT

Nine (9) hours of upper-level chemistry courses must be completed at USF for the Bachelor of Arts in Chemistry and the Bachelor of Science in Chemistry degrees.

RESEARCH OPPORTUNITIES

The Department of Chemistry offers the opportunity for students to participate in undergraduate research with Chemistry faculty. Students can apply for the Academic Research Experience for Undergraduates (REU) Program and find more information here: http://chemistry.usf.edu/undergraduate/reu/. Students who wish to enroll in an undergraduate research course with a Chemistry faculty member should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in a 0 credit research course. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Academic Advisors in the Department of Chemistry, as well as the Office for Undergraduate Research, can assist students in understanding the various course options.

ACCELERATED B.S/M.S. PROGRAM

Accelerated B.S. in Chemistry and M.S.B.E. in Biomedical Engineering

This program intends for students to complete a B.S. in Chemistry and M.S.B.E. in Biomedical Engineering over the span of five years. Completion of this program allows students to complete nine (9) credit hours toward the M.S.B.E. during their junior or senior year in the Chemistry (B.S.) major.

ADVISING INFORMATION

Department of Chemistry Advising: chemadvise@usf.edu or http://chemistry.usf.edu/advising/.
CHEMISTRY FACULTY


B.A. - COMMUNICATION (SPE)

(CIP = 09.0101)
TOTAL DEGREE HOURS: 120

http://communication.usf.edu/undergraduate/major/

The Bachelor of Arts in Communication is a liberal arts degree that prepares students to communicate effectively and ethically in personal and professional relationships and in both face-to-face and mediated contexts. More specifically this degree prepares students to:

1. Collaborate, work, and lead in culturally-diverse teams and organizations;
2. Develop advanced communication skills and competencies in oral, written, social media, and/or other forms of communication;
3. Analyze and create messages, presentations, and persuasive communication strategies;
4. Understand, build, and strengthen personal and professional identities and relationships;
5. Study and critique culture and media including: media organizations, communication technologies, and mediated content (e.g., television, film, music, print, computer, Internet, and social media);
6. Apply communication knowledge and related skills in one or more specialized contexts (e.g, health care; media; marketing; law; politics; profits and not-for-profits; government; public advocacy; social movements; religion; world cafés; public dialogues; performance; intimate and family relationships);
7. Engage in undergraduate communication research; and

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- SPC 2608 Public Speaking
REQUIREMENTS FOR THE MAJOR IN COMMUNICATION

TOTAL MAJOR HOURS: 39

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (27 HOURS)

There are six required core courses including one prerequisite and one department capstone. Once enrolled in the major, students should take the first five core courses listed below as early as possible and take the department capstone course [which also fulfills the University's FKL Capstone Experience (CPST) requirement] late in the students' junior year or early in the students' senior year.

- SPC 2608 Public Speaking (prerequisite for the Communication major)
- COM 2000 Introduction to Communication (students must take this course during their first semester in the major, if not taken previously)
- ORI 3004 Communication as Performance
- SPC 3301 Interpersonal Communication
- SPC 3544 Persuasion and Media
- COM 4958 Communication Senior Capstone [or other Communication course approved as a University Capstone (CPST)]

Required Distribution Area Courses (9 credit hours)

Students must take one course in each of the three distribution areas (Communication and Human Relationships, Public Communication and Media, and Applied Communication) for a total of three courses.

Communication and Human Relationships (select one course)

Communication and Human Relationships focuses on the role of communication in constructing, sustaining, and changing human relationships. This area includes the study of intimate relationships (family, friendships, and romantic); professional relationships (patient-health care provider); personal identity (self-awareness and personal narrative); verbal and nonverbal communication (talk, conversations, and writing); performance (performing literary and real-life relationships); and communication and cultural diversity (communicating across differences based on gender, sexuality/sexual orientation, race/ethnicity/nationality, social class, abilities, age/age cohorts, spirituality, and religion).

- COM 3014 Communication, Gender and Identity
- COM 4030 Women and Communication
- COM 4490 Communication and Love
- COM 4702 Communication, Language, and Mental Illness
- COM 4710 Writing Lives
- ORI 4150 Performing Nonfiction
- ORI 4460 Performing Relationships
- SPC 3212 Communication Theory
- SPC 3710 Communication and Cultural Diversity
- SPC 4305 Communicating Emotions
- SPC 4307 Talk in Relationships
- SPC 4310 Relationships on Film
- SPC 4321 Communication and Aging
- SPC 4431 Family Communication
- SPC 4701 Intercultural Communication
Public Communication and Media (select one course)

Public Communication and Media focuses on the critical study and analyses of communication, culture, and media in the public sphere. Specific areas include media and media texts (television, film, music, print, Internet and social media), media literacy skills; culture, social institutions, and power; public opinion and memory; political discourse, social protest and social movements; and public performances of literature and other texts. Approaches include critical and cultural studies, rhetorical studies, performance studies, diversity studies (e.g., gender, race, and class), and culture and identity studies.

- COM 3051 Analyzing Culture and Media
- COM 3052 Cultural Studies and Communication
- COM 3413 Communication and Visual Culture
- COM 4016 Public Memory
- COM 4530 Influencing Public Opinion
- COM 4414 Race and Gender in Popular Film and Television
- COM 4931 Special Topics in Media Analysis
- ORI 4019 Performing Identity and Culture
- ORI 4220 Performing Young Adult Literature
- ORI 4410 Performance Art
- ORI 4931 Performance and Video
- SPC 3230 Rhetorical Theory
- SPC 3653 Popular Forms of Public Communication
- SPC 3680 Rhetorical Analysis
- SPC 4201 Oral Tradition
- SPC 4632 Rhetoric and Social Change
- SPC 4683 Rhetorical Analysis of Mass Media

Applied Communication (select one course)

Applied Communication focuses on advanced communication skills, communication practice, and how communication practice in specialized contexts informs and is informed by communication theory and research. Advanced communication skills include leadership (working in teams and organizations); oral communication (interviewing, performing, public speaking, creating presentations); written, digital and electronic communication, and undergraduate research. The specialized contexts of "applied" communication includes for profit corporations, not-for-profit organizations, health care institutions, tourism, religious institutions, families, civic organizations and communities in both domestic and global settings.

- COM 3120 Organizational Communication
- COM 3122 Interview Communication
- COM 4104 Communication, Tourism, and Travel
- COM 4124 Communication and Organizational Change
- COM 4128 Integrated Organizational Communication
- COM 4151 Communication and Working Life in Contemporary Organizations
- COM 4020 Communicating Illness, Grief and Loss
- COM 4021 Family Communication and the End of Life
- COM 4022 Health Communication
- COM 4225 Global and Cultural Issues in Health Communication
- ORI 3950 Communication Performance Laboratory
- ORI 4120 Performance of Poetry
- ORI 4310 Group Performance of Literature
- ORI 4320 Writing for Performance
- SPC 3513 Argumentation and Debate
- SPC 3425 Group Communication
- SPC 3602 Advanced Public Speaking
- SPC 4714 Communication, Culture and Community

MAJOR ELECTIVES (12 HOURS)
Additional Departmental Electives (12 credit hours)

Students must take additional 3000- or 4000-level Communication courses to fulfill the remaining 12 hour elective requirement.

Please consult Catalog for full listing of Communication course titles, and consult Oasis for current SPC 4930 Selected Topics courses. Faculty strongly recommend that students interested in a specialization within their major select and take at least 9 of these 12 elective hours within one of the three Department Distribution Areas: Communication and Human Relationships, Public Communication and Media, or Applied Communication.

GRADING REQUIREMENT

A final grade of at least C- is required for all major coursework to count toward a Communication major. Courses may not be taken S/U where a grade option exists.

OTHER REQUIREMENTS

Service Learning

- SPC 4714 Communication, Culture, and Community

State Communication (formerly known as Gordon Rule Writing) Courses (6AC)

- COM 4020 Communicating Illness, Grief and Loss (Recommended)
- COM 4030 Women and Communication (Recommended)
- COM 4710 Writing Lives (Recommended)
- SPC 3425 Group Communication (Recommended)
- SPC 4305 Communicating Emotions (Recommended)
- SPC 4632 Rhetoric and Social Change (Recommended)

Global Citizens Certified Courses (GCPC)

- COM 2000 Introduction to Communication
- ORI 4019 Performing Identity and Culture

RESEARCH OPPORTUNITIES

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

OPTIONAL HONORS PROGRAM

The Honors Program in Communication provides an opportunity for exceptional undergraduate students in Communication to work closely with a faculty member in an intensive research experience. Each Honors student is required to complete and defend an undergraduate Honors Thesis.

Application to the program ordinarily occurs during the second semester of the junior year or prior to completion of 90 semester hours. Students interested in the Honors Program should consult the department for further information about admission and program requirements.

Admission to the program is based on the student’s overall academic record, performance in communication courses, and recommendations of faculty. To be admitted to the program, a student should have at least a 3.5 GPA in all Communication courses and a 3.0 cumulative GPA.

Students are required to complete 3 hours of Honors Reading and 3 hours of Honors Thesis.

OTHER INFORMATION

Communication Career Pathways Information

Available on the Department of Communication website.
Student Organizations

- Lambda Pi Eta National Honorary Society
- Communication Council

ADVISING INFORMATION

The Department offers professional advising for all communication majors and minors. Email to: communicationadvise@usf.edu.

COMMUNICATION FACULTY


B.A. - ECONOMICS (ECO)

(CIP = 45.0601)

TOTAL DEGREE HOURS: 120

http://economics.usf.edu/undergraduate/ba_ecn/

Economics offers a clear and logical way of thinking about complicated issues such as unemployment, inflation, pollution, and crime. The Department of Economics offers broad course choices allowing students to tailor their programs to provide training for professional careers in business, teaching, government, and law. Students interested in majoring or minoring in economics should contact the undergraduate advisor in the Department of Economics for more information.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- ECO X013 and ECO X023 or ECO XXXX and ECO XXXX

REQUIREMENTS FOR THE MAJOR IN ECONOMICS

TOTAL MAJOR HOURS: 33

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (18 HOURS)

A student may earn a Bachelor of Arts degree with a major in Economics by satisfactorily completing 33 credits in Economics in addition to college requirements.

- ECO 2013 Economic Principles: Macroeconomics
- ECO 2023 Economic Principles: Microeconomics
• ECO 3101 Intermediate Price Theory
• ECO 3203 Intermediate Macroeconomics
• ECO 2052 Analytical Tools for Economists
• STA 2023 Introductory Statistics I

MAJOR ELECTIVES (15 HOURS)
Fifteen credit hours of Economics electives numbered 3000 or higher.

NOTE: ECO 1000 (if taken before both ECO 2013 and ECO 2023) if student receives a C- or better may be substituted for a maximum of 3 hours of upper-level economics elective credit.

• MAC 2233 Business Calculus or MAC 2311 Calculus I (or the equivalent) is an acceptable substitute for ECO 2052.
• QMB 2300 Business and Economics Statistics II is an acceptable substitute for STA 2023.
• ECO 2052, MAC 2233 Business Calculus, or MAC 2311 Calculus I (or the equivalent) must be taken as a prerequisite for ECO 3101 and ECO 3203.
• ECP 3703 Managerial Economics may be substituted for ECO 3101. Students may not take both for credit.
• No more than 3 hours credit can be applied toward a major from ECO 4914.
• Economics majors taking coursework at the other USF institutions may not be able to fulfill all Economics course requirements at those institutions.
• All students entering USF for the first time, in Fall 2012 or later, who earn 3 (three) D and/or F grades in any of the following courses at USF: ECO 2013, ECO 2023, ECO 3101, ECO 3203, STA 2023 (or QMB 2100) and ECO 2052 (or MAC 2233 or MAC 2311 or equivalent) will be required to change their major to a major more appropriate to their goals and academic performance, and to a major that is not conferred by the Department of Economics through either the College of Arts and Sciences.
• All continuing USF students who entered USF prior to Fall 2012 and who have not earned any D or F grades in any of the following courses at USF: ECO 2013, ECO 2023, ECO 3101, ECO 3203, STA 2023 (or QMB 2100) and ECO 2052 (or MAC 2233 or MAC 2311 or equivalent) by the beginning of Fall 2012, will also be allowed 3 (three) D and/or F grades in those courses before being required to change their major to a major more appropriate to their goals and academic performance, and to a major that is not conferred by the Department of Economics through either the College of Arts and Sciences.
• All continuing USF students who entered USF prior to Fall 2012 and who have earned 1 (one) or more D or F grades in any of the following courses at USF: ECO 2013, ECO 2023, ECO 3101, ECO 3203, STA 2023 (or QMB 2100), and ECO 2052 (or MAC 2233 or MAC 2311 or equivalent) by the beginning of Fall 2012, will only be allowed 2 (two) more D and/or F grades in those courses before being required to change their major to a major more appropriate to their goals and academic performance, and to a major that is not conferred by the Department of Economics through the College of Arts and Sciences.
• Grade Forgiveness will NOT apply to the mandated requirement of changing majors.
• Appeals to the required change of major will be handled in the Economics Department and ONLY those students whose appeal is based on exceptional circumstances will be considered.

COURSE GRADE REQUIREMENT
Students must obtain a grade of "C-" or higher in ECO 3101 or ECP 3703 in order to enroll in any course for which ECO 3101 or ECP 3703 is a prerequisite.

GRADING REQUIREMENT
Students must obtain a grade of "C-" or higher in all courses required for the major or minor in Economics.

RESIDENCY REQUIREMENT
At least 12 hours of upper level credit must be taken in residence at USF.
RESEARCH OPPORTUNITIES

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

ACCELERATED B.A./M.A. PROGRAM

Accelerated B.A. in Economics and M.A. in Economics

This program allows superior students with strong analytical skills and the ability to handle a fast paced, challenging program the opportunity to complete both the Bachelor's and Master's degrees in Economics in five years.

ADVISING INFORMATION

Advisors in the College of Arts and Sciences or the Transitional Advising Center will be available to assist students in the selection of a new major in their respective colleges. Department of Economics; econadvise@usf.edu

ECONOMICS FACULTY


B.A. - ENGLISH (ENG)

(CIP = 23.0101)
TOTAL DEGREE HOURS: 120

http://english.usf.edu/ug/

A bachelor's degree in English prepares students for any field that values critical thinking, high reading comprehension, clear and effective writing, and the ability to interpret and analyze data. It provides three concentrations from which students must choose one concentration: Creative Writing, Literary Studies, and Professional Writing, Rhetoric and Technology.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- ENC X101 Composition I or ENC XXXX*
REQUIREMENTS FOR THE MAJOR IN ENGLISH

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

Students may not use more than one directed study course toward meeting the major requirements.

GPA REQUIREMENTS

A 2.5 GPA in the major is required for graduation.

GRADING REQUIREMENT

A grade of below C- will not be counted toward fulfilling the major requirements.

RESIDENCY REQUIREMENT

Transfer students must earn at least 18 hours in the major at USF.

OTHER REQUIREMENTS

Students declaring English as a second major need to complete 30 credit hours. To do so, they must make a written request to the Undergraduate Director at the time they declare English as a second major. Courses taken in the first major may not count toward the 30 hours in English as a second major.

RESEARCH OPPORTUNITIES

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

OPTIONAL HONORS PROGRAM

The Department of English Honors Program provides a carefully selected group of seniors with opportunities for advanced scholarship:

- Closer contact with faculty tutors than students in the regular major program;
- An opportunity to work and exchange ideas in the stimulating environment of a small group of fellow students with similar aims and abilities;
- An opportunity to develop individual initiative and sophisticated critical skills.

The English Honors Program will benefit those interested in graduate work, advanced professional study, or greater intellectual challenges.

Admissions Criteria

Students may apply for the program after completing 60 hours of coursework. Applicants should have a GPA of 3.30 in the major and an overall GPA of 3.00 and should submit signatures of recommendation from two English faculty supporting their applications.

After screening all applications, the Department’s Honors Committee will select participants for each year’s program.

Requirements for Completion of Departmental Honors

1. The Honors student will complete the requirements of his/her chosen English major as described in the current catalog.
2. The Honors program requires 9 hours of Honors-level work.
   - All Honors students are required to complete at least one (three-hour) Honors seminar (ENG 4935 or ENG 4936).
   - Students may select from the following options to fulfill the remaining six hours of credit in Honors:
     - Up to two more (three-hour) Honors seminars (ENG 4935 or ENG 4936).
     - A three-hour independent study. The independent study should be connected to an eligible upper-level course in the major being taught in that semester.
     - A list of courses available for this option will be made available prior to registration each semester. Students will attend some or all of the scheduled course meetings but will be enrolled in an independent study with the instructor. The independent study will be considered a special "Honors section" of the course and will require additional work that may include extra reading, class presentations, and advanced research-based writing. To enroll in an independent study, students will need written permission of the instructor, who will determine an Honors-appropriate workload for the course. The proposed plan for independent study must be approved by the Honors Committee and filed with the Undergraduate Director prior to registration. Students may count a maximum of one independent study in fulfillment of their degree requirements.
     - A three-hour Honors thesis, supervised by a member of the English faculty. The Director of the English Honors Program will serve as instructor of record for the thesis hours. Under the direction of the instructors of the Honors seminars and/or the Director of the English Honors Program, the student will choose a member of the English Department faculty to serve as director of his/her thesis and one or two additional faculty members to serve as readers of the thesis. The completed thesis must be at least 25 pages in length, not including bibliography.
     - A three-hour graduate-level course. Enrollment in a graduate course is limited to Honors students in their final semester and requires written permission of the Undergraduate Director, Graduate Director, and the instructor of the course. To be eligible, students must have completed at least one Honors seminar with a grade of A- or higher.

3. To graduate with Departmental Honors, the student must satisfy the following requirements:
   - Complete 9 hours of English Honors courses as described above with a 3.30 GPA;
   - Complete all major requirements with a 3.30 GPA and academic coursework with an overall GPA of 3.0.

4. The student who completes all requirements above will graduate with Honors in English.

**Faculty who are willing to accommodate the extra needs of Honors students will notify the Undergraduate Director before registration to have their course put on the list of eligible courses. The Honors student will enroll in an independent study but will attend the scheduled course and complete the bulk of the reading and written requirements for the course in addition to a special Honors project for the course (this could include a formal presentation of research, an independent research project, a longer research paper, a long annotated bibliography, a larger collection of creative work, etc. The independent study represents 3 hours of coursework.

OTHER INFORMATION

The Department of English accepts American Sign Language competency (ASL) as a fulfillment of the Foreign Language Requirement.

ENGLISH FACULTY
CREATIVE WRITING (CRW) CONCENTRATION

http://english.usf.edu/ug/concentrations/creative/

This 36-hour concentration is designed for aspiring writers of fiction, poetry, and creative nonfiction. Students who graduate from this program will demonstrate the following: 1) knowledge of the forms and techniques of poetry, fiction, and creative nonfiction; 2) knowledge of literary genres and the techniques used by authors within each genre; 3) the ability to analyze literature in its cultural and philosophical context; and 4) the ability to critique student manuscripts and offer constructive feedback within a workshop setting.

REQUIREMENTS FOR THE CONCENTRATION IN CREATIVE WRITING

TOTAL CONCENTRATION HOURS: 36

CONCENTRATION CORE (36 HOURS)

1. Writing Requirements: Six (6) courses as follows:
   - CRW 3111 Form and Technique of Fiction
   - CRW 3311 Form and Technique of Poetry
     - (CRW 3111 must be taken before any other courses in the Fiction series, and CRW 3311 must be taken before any other courses in the Poetry series. Students are urged to take these two courses during the first year of their major.)
   - Any four (4) of the following courses:
     - CRW 3112 Fiction I
     - CRW 3121 Fiction II
     - CRW 3312 Poetry I
     - CRW 3321 Poetry II
     - CRW 4930 Selected Topics in Creative Writing
       - CRW 4930 may be repeated twice, with different content, for a total of six (6) credits hours. Choices would include creative nonfiction, screenwriting, craft courses in fiction/poetry, young adult literature, lyric poetry, etc.).

2. Literature Requirements: Six courses as follows:
   - One of the following courses that concentrates on literature written pre-1900:
     - AML 3031 American Literature from the Beginning to 1860
     - AML 3032 American Literature from 1860 to 1912
     - AML 4111 Nineteenth-Century American Novel
     - ENG 4060 History of the English Language
     - ENL 3015 British Literature to 1616
     - ENL 3016 Studies in 17th and 18th Century British Literature
     - ENL 3017 Studies in 19th Century British Literature
     - ENL 3230 British Literature 1616-1780
     - ENL 3251 British Literature 1780-1900
     - ENL 3331 Early Shakespeare
     - ENL 3332 Late Shakespeare
     - ENL 4122 19th Century British Novel
     - ENL 4203 Introduction to Old English
     - ENL 4311 Chaucer
     - ENL 4338 Advanced Studies in Shakespeare
     - ENL 4341 Milton
The COLLEGE OF ARTS & SCIENCES offers a LITERARY STUDIES (LTS) CONCENTRATION with a total degree hours of 120. This concentration provides students with a knowledge of literary method, literary history, and a broad range of literary accomplishment (including knowledge of emerging fields, world literatures, and ethnic literatures). While the major places much emphasis on appreciating works of literature as artifacts produced in their own culture contexts, it also enables students to make connections between contemporary life and the study of literature. It evaluates students' grasp of formal and technical elements of literary practice and emphasizes the development of writing skills and the production of disciplinary writing. Successful completion of the major will enhance students' capacity for aesthetic enjoyment, critical reflection, and effective self-expression, and may provide preparation for further study (graduate and professional schools) or communication and research skills to be used in a work environment.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- ENC 1101 Composition I or ENC XXXX
- ENC 1102 Composition II or ENC XXXX

REQUIREMENTS FOR THE CONCENTRATION IN LITERARY STUDIES

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (21 HOURS)

- I. Required Course (3 credit hours):
  - ENG 3014 Introduction to Literary Methodology (recommended during first 2 semesters of the major)

- II. Additional Requirements (18 credit hours):
  - Students must choose one course from the following list:
    - ENG 4013 Literary Criticism
    - ENG 4950 Senior Capstone
Literary Histories (9 credit hours)

- Students must choose one course from three of the four pre-1900 categories:
  
  - **Medieval/Renaissance**
    - ENL 3015 British Literature to 1616
    - ENL 3331 Early Shakespeare
    - ENL 3332 Late Shakespeare
    - ENL 4203 Introduction to Old English
    - ENL 4311 Chaucer
    - ENL 4338 Advanced Studies in Shakespeare
    - ENL 4501 Literature of the Western World through the Renaissance
  
  - **17th/18th Century British**
    - ENL 3016 Studies in 17th and 18th Century British Literature
    - ENL 3230 British Literature 1616-1780
    - ENL 4112 Eighteenth-Century British Novel
    - ENL 4341 Milton
  
  - **19th Century British**
    - ENL 3017 Studies in 19th Century British Literature
    - ENL 3251 British Literature 1780-1900
    - ENL 4122 19th Century British Novel
  
  - **American Before 1900**
    - AML 3031 American Literature from the Beginnings to 1860
    - AML 3032 American Literature from 1860 to 1912
    - AML 4111 Nineteenth-Century American Novel

  - Cultural-Critical Studies (3 credit hours)
    - Students must choose one course from the following list:
      
      - AML 3604 African American Literature
      - AML 3630 U.S. Latino/Latina Literature in English
      - AML 3641 Native American Literature and Film
      - AML 3674 Asian American Literature and Film
      - AML 4933 Studies in American Literature and Culture
      - LIT 3353 Literature, Race, and Ethnicity
      - LIT 3410 Religious and Philosophical Themes
      - LIT 3513 Literature, Gender, and Sexuality
      - LIT 4233 Postcolonial Literature
      - LIT 4386 British and American Literature by Women
      - LIT 4931 Studies in World Literature and Culture

  - Language and Genre (3 credit hours)
    - Students must choose one course from the following list:
      
      - AML 4111 Nineteenth-Century American Novel
      - AML 4121 Twentieth-Century American Novel
      - AML 4931 American Literary Movements and Genre
      - ENG 3113 Film as Narrative Art
      - ENG 4060 History of the English Language
      - ENL 4112 Eighteenth-Century British Novel
      - ENL 4122 19th Century British Novel
      - ENL 4132 British Novel: Conrad to the Present
      - ENL 4930 Selected Topics
      - LIN 4671 Traditional English Grammar
      - LIN 4680 Structure of American English
- LIT 3022 Modern Short Prose
- LIT 3031 Survey of Poetry
- LIT 3043 Modern Drama
- LIT 3144 Modern European Novel
MAJOR ELECTIVES (15 HOURS)

- Students may count one course from the following list:
  - Any one LIT 2000-level course may count as an elective:
    - LIT 2000 Introduction to Literature
    - LIT 2010 Introduction to Fiction
    - LIT 2020 Introduction to the Short Story
    - LIT 2030 Introduction to Poetry
    - LIT 2040 Introduction to Drama

- Students may select four additional courses (12 credit hours) from the following list:
  - AML 3051 American Literature from 1912 to 1945
  - AML 3243 American Literature from 1945 to the Present
  - AML 4261 Literature of the South
  - AML 4300 Selected American Authors
  - ENG 4013 Literary Criticism (recommended for those planning to attend graduate school)
  - ENL 3026 Studies in the Twentieth-Century Literature
  - ENL 3273 British Literature 1900-1945
  - ENL 4303 Selected British Authors
  - LIT 3093 Contemporary Literature
  - LIT 3102 Literature of the Western World since the Renaissance
  - LIT 3374 The Bible as Literature
  - LIT 3930 Selected Topics in English Studies
  - LIT 4930 Selected Topics in English Studies
  - Any additional LTS major course listed above
  - Any major CRW course listed under the Creative Writing concentration
  - Any major ENC course listed under the Professional Writing, Rhetoric and Technology concentration

Students may not use more than one directed study course toward meeting the major and concentration requirements.

GPA REQUIREMENTS

A 2.5 GPA in the major is required for graduation.

GRADING REQUIREMENT

A grade of below C- will not be counted toward fulfilling the major requirements.

RESIDENCY REQUIREMENT

Transfer students must earn at least 18 hours in the major at USF.

OTHER REQUIREMENTS

Students declaring English as a second major need to complete 30 credit hours. To do so, they must make a written request to the Undergraduate Director at the time they declare English as a second major. Courses taken in the first major may not count toward the 30 hours in English as a second major.

INTERNSHIP OPPORTUNITIES

Students may use an Internship as an elective; in the semester they complete the internship, they must register for ENC 4940 (3 credit hours). Students may complete more than one Internship; however, only 3 credits of ENC 4940 can be applied toward major requirements.

ADVISING INFORMATION

englishadvise@usf.edu; 813-974-8508
PROFESSIONAL WRITING, RHETORIC AND TECHNOLOGY (PRT) CONCENTRATION

http://english.usf.edu/ug/concentrations/technical/

This concentration provides students with both a practical and a theoretical orientation to communication in a variety of media and genres. The program prepares students to work as innovative professional communicators in a variety of fields – from government to business to medicine. It also prepares students for graduate programs in rhetoric, composition, and professional communication. The program produces graduates who can think critically about communication, contexts, and technology as well as compose technologically-mediated documents and products using a variety of tools.

REQUIREMENTS FOR THE CONCENTRATION IN PROFESSIONAL WRITING, RHETORIC AND TECHNOLOGY

TOTAL CONCENTRATION HOURS: 36

CONCENTRATION CORE (15 HOURS)

- **ENC 3242** Technical Communication for Majors
- **ENC 3416** New Media for Technical Communication
- **ENC 4218** Visual Rhetoric for Technical Communication
- **ENC 4311** Advanced Composition
- **ENC 4940** Professional/Technical Communications Internship

Concentration Electives (21 hours)

- **ENC 3250** Professional Writing
- **ENC 3310** Expository Writing
- **ENC 3371** Rhetorical Theory for Technical Communication
- **ENC 3435** Rhetoric and Gaming
- **ENC 4260** Advanced Technical Writing
- **ENC 4931** Selected Topics in Technical and Professional Writing
- Any upper-level courses listed in the Literary Studies concentration.
- Any upper-level courses listed in the Creative Writing concentration.

ADVISING INFORMATION

englishadvise@usf.edu; 813-974-8508

B.S. - ENVIRONMENTAL BIOLOGY (ENB)

(CIP = 26.0101 - TRACK 1 OF 2)

TOTAL DEGREE HOURS: 120

http://biology.usf.edu/ib/ug/bs/

Students majoring in Environmental Biology study the ways in which organisms interact with the environment, and how they adapt to changing environments. The program of study explores the interconnections among biology, ecology, evolution, and conservation. The objective of the program of study is to provide students with a firm foundation in basic biology and the tools necessary to function as professional biologists, with special emphasis on natural ecosystems. The program will prepare students for further education (ecology, environmental science, conservation biology, field botany) or for careers in fields such as environmental biology, environmental consulting, agricultural and forestry resource management, conservation biology and education, and wildlife biology.

STATE MANDATED COMMON COURSE PREREQUISITES

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Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- BSC X010/X010L Biology I with Lab or BSC X010C or BSC X040/X040L or BSC X040C
- BSC X011/X011L Biology II with Lab or BSC X011C or BSC X041/X041L or ZOO X010/X010L or BOT X010/X010L or BOT X013/X013L or BSC X041C or ZOO X0101C or BOT X0101C or BOT X013C
- CHM X045/X045L General Chemistry I with Lab or CHM X045C or CHM X040 and CHM X041
- CHM X046/X046L General Chemistry II with Lab or CHM X046C
- CHM X210/X210L Organic Chemistry I with Lab and CHM X211/X211L or (CHM X210C and CHM X211C) or [PHY X053 and (PHY X053L or PHY X048L) and PHY X054 and (PHY X054L or PHY X049L)] or (PHY X048/X048L and PHY X049/X049L)
- MAC X311 Calculus I or MAC X233 or MAC X253 or MAC X281 or MAC X241
- MAC X312 Calculus II or MAC X282 or MAC X234 or STA X023 or STA X024 or STA X321

REQUIREMENTS FOR THE MAJOR IN ENVIRONMENTAL BIOLOGY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 32-34 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- CHM 2045 and CHM 2045L General Chemistry I and Laboratory
- CHM 2046 and CHM 2046L General Chemistry II and Laboratory
- CHM 2210 and CHM 2210L Organic Chemistry I and Laboratory
- CHM 2211 and CHM 2211L Organic Chemistry II and Laboratory
- Calculus I: MAC 2241 or MAC 2311 or MAC 2281
- Statistics or Calculus II: STA 2023 or MAC 2242 or MAC 2312 or MAC 2282
- One of the Physics Sequences:
  - PHY 2053/2053L General Physics I and PHY 2054/2054L General Physics II
  - PHY 2048/2048L General Physics I - Calculus Based and PHY 2049/2049L General Physics II - Calculus Based
    - PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.

Students must receive a C- or better to meet requirements for degree (for progression in Math and CHM, a C is required).

TOTAL MAJOR HOURS: 40-41

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (25-26 HOURS)

Biology Core Curriculum

- BSC 2010 and BSC 2010L Cellular Processes and Laboratory
- BSC 2011 and BSC 2011L Biodiversity and Laboratory
- PCB 3043 and PCB 3043L Principles of Ecology and Laboratory
- PCB 3063 and PCB 3063L General Genetics and Laboratory
• BSC 4052 Conservation Biology
• PCB 4674 Organic Evolution
Choose one of the following courses:
  o BOT 4601 Plant Ecology
  o BSC 4933 Selected Topics in Biology*

*Selected topics as approved for the major by the Department of Integrative Biology

MAJOR ELECTIVES (15 HOURS)

Select a minimum of 15 credit hours from the following list:

  - BCH 4033 Advanced Biochemistry I
  - BSC 2093C Human Anatomy and Physiology I
  - BSC 2094C Human Anatomy and Physiology II
  - Any upper-level course with a BOT, BSC, ENY, MCB, PCB, or ZOO prefix, with the exception of those intended for non-majors*

*Note: BSC 4933 cannot be taken as elective credit without prior approval.

Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning D and/or F grades. Students unable to successfully complete these courses within these prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.

Furthermore, any student who requests a change of major to one offered in the below identified departments will be required to meet these prescribed parameters as well as those criteria outlined in the Degree Progression Policy 10-505. Any continuing student who was previously forced to select a different major based on previous versions of this policy may now be eligible to pursue the majors listed below, but only if they meet both the criteria described here as well as the Degree Progression Policy 10-505 criteria. Students who are able to complete one of the below majors by earning fewer credit hours than required to complete any other major offered at USF may petition to request an exception and should contact the School of Natural Sciences and Mathematics Advising Office for instructions. Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

Included Departments/Divisions:

Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

Included courses:

BCH 3053 BSC 2010; BSC 2011; BSC 2085; BSC 2086; BSC 2093C; BSC 2094C; BSC 2932; CHM 2023; CHM 2045; CHM 2046; CHM 2210; CHM 2211; CHS 2440; MAT 1033; MAC 1105; MAC 1147; MAC 2241; MAC 2242; MAC 2281; MAC 2282; MAC 2311; MAC 2312; MCB 3020; PCB 3023; PCB 3063; PHY 2053; PHY 2054; PHY 2048; PHY 2049; PHY 2060; PHY 2061; STA 2023.

COURSE GRADE REQUIREMENT

Please note that some supporting science courses may require a grade of C or better in order to meet the prerequisite requirements for course sequences.

GRADING REQUIREMENT

A student must receive a C- grade or better in all Department of Integrative Biology and Department of Cell Biology, Microbiology, and Molecular Biology courses and supporting courses in the natural sciences, except if they are used as general elective courses. This specification applies to both USF and transfer courses.

RESIDENCY REQUIREMENT

A minimum of 20 credits hours of elective courses must be taken in residency and be applicable to the major.

Once a student has matriculated to USF Tampa, he/she is expected to take 100 percent of the required major coursework at USF Tampa.
RESEARCH OPPORTUNITIES

Undergraduate research is a great way to get hands-on experience in what you are studying and learning in your courses, and even to advance biological knowledge. Many students have authored articles based on their participation in on-going research in the Department. Undergraduate research also is a great way to boost your resume and to enhance your application to graduate school or health professional school. Several ways are available to get involved; see http://biology.usf.edu/biology/ug-research/.

To be eligible to receive credit for undergraduate research (BSC 4910), students must have Junior standing, a 3.0 USF GPA, and a 3.0 major GPA. A maximum of 4 credit hours BSC 4910 may be applied to the major electives; see http://biology.usf.edu/bioadvise/ug-research/credit.aspx.

ACCELERATED B.S./M.A.T. PROGRAM

Accelerated B.S. in Environmental Biology and M.A.T. in Science Education

This program intends for students to complete a B.S. in Environmental Biology (College of Arts and Sciences) and M.A.T. in Science Education (College of Education) over the span of five years. Students completing this program will be eligible for high school and/or middle school science teacher certification. Completion of this program requires students to complete 12 credit hours toward the M.A.T. in Science Education during their senior year in the Environmental Biology major.

ADVISING INFORMATION

BioAdvise: Science Center (SCA) 203; (813) 974-3250
http://biology.usf.edu/bioadvise/
Email: bioadvise@usf.edu

ENVIRONMENTAL BIOLOGY FACULTY


B.S. - ENVIRONMENTAL MICROBIOLOGY (EMB)

(CIP = 26.0101 - TRACK 1 OF 2)
TOTAL DEGREE HOURS: 120
http://biology.usf.edu/biology/ug/bs/

Students majoring in Environmental Microbiology study the roles that microorganisms play in the environment. The program of study explores the diversity, community structure, and ecological functioning of microorganisms. The objective of the program is to provide students with a firm foundation in basic biology and the tools necessary to function as professional biologists, with special emphasis on microorganisms in natural ecosystems and human-engineered systems. The program will prepare students for further education (microbiology, environmental science, conservation biology) or for careers in fields such as environmental monitoring and safety, characterization and control of pathogenic microorganisms, and bioremediation.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.
Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- BSC X010/X010L Biology I with Lab or BSC X010C or BSC X040/X040L or BSC X040C
- BSC X011/X011L Biology II with Lab or BSC X011C or BSC X041/X041L or ZOO X010/X010L or BOT X010/X010L or BOT X013/X013L or BSC X041C or ZOO X0101C or BOT X0101C or BOT X013C
- CHM X045/X045L General Chemistry I with Lab or CHM X045C or CHM X040 and CHM X041
- CHM X046/X046L General Chemistry II with Lab or CHM X046C
- CHM X210/X210L Organic Chemistry I with Lab and CHM X211/X211L or (CHM X210C and CHM X211C) or [PHY X053 and (PHY X053L or PHY X048L) and PHY X054 and (PHY X054L or PHY X049L)] or (PHY X048/X048L and PHY X049/X049L)
- MAC X311 Calculus I or MAC X233 or MAC X253 or MAC X281 or MAC X241
- MAC X312 Calculus II or MAC X282 or MAC X234 or STA X023 or STA X024 or STA X321

**REQUIREMENTS FOR THE MAJOR IN ENVIRONMENTAL MICROBIOLOGY**

**REQUIRED SUPPORTING COURSES FOR THE MAJOR: 32-34 HOURS**

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- CHM 2045 and CHM 2045L General Chemistry I and Laboratory
- CHM 2046 and CHM 2046L General Chemistry II and Laboratory
- CHM 2210 and CHM 2210L Organic Chemistry I and Laboratory
- CHM 2211 and CHM 2211L Organic Chemistry II and Laboratory
- Calculus I: MAC 2241 or MAC 2311 or MAC or MAC 2281
- Statistics or Calculus II: STA 2023 or MAC 2242 or MAC 2312 or MAC 2282
- One of the Physics Sequences:
  - PHY 2053/2053L General Physics II and PHY 2054/2054L General Physics II
  - PHY 2048/2048L General Physics I - Calculus Based and PHY 2049/2049L General Physics II - Calculus Based
    - PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.

Students must receive a C- or better to meet requirements for degree (for progression in Math and CHM, a C is required).

**TOTAL MAJOR HOURS: 40**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE (30 HOURS)**

**Biology Core: (16 hours)**

- BSC 2010 and BSC 2010L Cellular Processes and Laboratory
- BSC 2011 and BSC 2011L Biodiversity and Laboratory
- PCB 3043 and PCB 3043L Principles of Ecology and Laboratory
- PCB 3063 and PCB 3063L General Genetics and Laboratory

**Environmental Microbiology Core: (14 hours)**

- MCB 3020 and MCB 3020L General Microbiology and Laboratory
- MCB 4404 and MCB 4404L Microbial Physiology and Genetics and Laboratory

Choose two of the following courses:

- BSC 4933 Selected Topics in Biology*
- BSC 4444 Genomics
- MCB 4202 Ecology of Infectious Diseases
- ZOO 4233 Parasitology
MAJOR ELECTIVES (10 HOURS)

Select a minimum of 10 credit hours from the following list:

- BCH 4033 Advanced Biochemistry I
- BSC 2093C Human Anatomy and Physiology I
- BSC 2094C Human Anatomy and Physiology II
- Any upper-level course with a BOT, BSC, ENY, MCB, PCB, or ZOO prefix, with the exception of those intended for non-majors*

*Note: BSC 4933 cannot be taken as elective credit without prior approval.

Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning D and/or F grades. Students unable to successfully complete these courses within the prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.

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Included Departments/Divisions:
Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

Included courses:
BCH 3053 BS 2010; BSC 2011; BSC 2085; BSC 2086; BSC 2093C; BSC 2094C; BSC 2932; CHM 2023; CHM 2045; CHM 2046; CHM 2210; CHM 2211; CHS 2440; MAT 1033; MAC 1105; MAC 1147; MAC 2241; MAC 2242; MAC 2281; MAC 2282; MAC 2311; MAC 2312; MCB 3020; PCB 3023; PCB 3063; PHY 2053; PHY 2054; PHY 2048; PHY 2049; PHY 2060; PHY 2061; STA 2023.

GPA REQUIREMENTS

Must maintain a 2.0 GPA in all major coursework.

GRADING REQUIREMENT

A student must receive a C- grade or better in all Department of Integrative Biology and Department of Cell Biology, Microbiology, and Molecular Biology courses and supporting courses in the natural sciences and mathematics, except if they are used as general elective courses. This specification applies to both USF and transfer courses.

RESIDENCY REQUIREMENT

A minimum of 20 credit hours of courses must be taken in residency and be applicable to the major.

Once a student has matriculated to USF Tampa, he/she is expected to take 100 percent of the required major coursework at USF Tampa.

RESEARCH OPPORTUNITIES

Undergraduate research is a great way to get hands-on experience in what you are studying and learning in your courses, and even to advance biological knowledge. Many students have authored articles based on their participation in on-going research in the Department. Undergraduate research also is a great way to boost your resume and to enhance your application to graduate school or health professional school. Several ways are available to get involved; see http://biology.usf.edu/ib/ug/research/.
To be eligible to receive credit for undergraduate research (BSC 4910), students must have Junior standing, a 3.0 USF GPA, and a 3.0 major GPA. A maximum of 4 credit hours BSC 4910 may be applied to the major electives; see http://biology.usf.edu/bioadvise/ug-research/credit.aspx.

ACCELERATED B.S./M.A.T. PROGRAM

Accelerated B.S. in Environmental Microbiology and M.A.T. in Science Education

This program intends for students to complete a B.S. in Environmental Microbiology (College of Arts and Sciences) and an M.A.T. in Science Education (College of Education) over the span of five years. Students completing this program will be eligible for high school and/or middle school science teacher certification. Completion of this program requires students to complete 12 credit hours toward the M.A.T. in Science Education during their senior year in the Environmental Microbiology major.

ADVISING INFORMATION

BioAdvise: Science Center (SCA) 203; (813) 974-3250
http://biology.usf.edu/bioadvise/
Email: bioadvise@usf.edu

ENVIRONMENTAL MICROBIOLOGY FACULTY


B.S. - ENVIRONMENTAL SCIENCE AND POLICY (ESP)

(CIP = 03.0104 - TRACK 1 OF 2)
TOTAL DEGREE HOURS: 120
http://hennarot.forest.usf.edu/main/depts/geosci/ug/esp/

The environmental industry is a growing arena for employment for degree holders at all levels. Students completing the Bachelor of Science (B.S.) in Environmental Science and Policy have found employment with government agencies (city, county, state, and federal), private industry, and non-profit organizations. Examples of careers include field scientist, research scientist, policy analyst, lobbyist, conservationist, and educator. Some also go on to attend graduate or law school. This interdisciplinary major spans multiple programs within the School of Geosciences in the College of Arts and Sciences. All majors in the program must complete the required courses including two introductory courses in environmental science and policy, one semester of calculus, two semesters each of general biology and general chemistry, environmental ethics, global conservation, statistics and physical science (either geology or geography). In addition, majors take 6-7 courses that allow them to sub-specialize in environmental science or in environmental policy. Students choosing to sub-specialize in environmental science take a second semester of calculus, one semester of organic chemistry and lab, and four electives within designated tracks. Students choosing to sub-specialize in policy take environmental regulation and economic geography and four electives within designated categories. Finally, all majors must complete an upper division seminar and an internship or project.

STATE MANDATED COMMON COURSE PREREQUISITES

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Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- BSC X010/X010L Biology I and Lab or BSC X010C
- BSC X011/X011L Biology II and Lab or BSC X011C
- CHM X045/X045L General Chemistry I & Lab or BSC X045C
- CHM X046/X046L General Chemistry II & Lab or BSC X046C
- STA X023 Statistics
- MAC X311 Calculus I

**Requirements for the Major in Environmental Science and Policy**

**Total Major Hours: 61-69**

**Major Requirements for the B.S. Degree:**

**Major Core (43-44 Hours)**

Core Courses (39-40 credit hours):

- **EVR 2001** Introduction to Environmental Science
- **EVR 2001L** Environmental Science Lab
- **EVR 2861** Introduction to Environmental Policy
- **BSC 2010** Cellular Processes
- **BSC 2010L** Cellular Processes Laboratory
- **BSC 2011** Biodiversity
- **BSC 2011L** Biodiversity Laboratory
- **CHM 2045** General Chemistry I
- **CHM 2045L** General Chemistry I Laboratory
- **CHM 2046** General Chemistry II
- **CHM 2046L** General Chemistry II Laboratory
- **GEO 4372** Global Conservation
- **PHI 3640** Environmental Ethics
- **EVR 4910** ESP Project or **EVR 4940** ESP Internship
- **EVR 4921** Environmental Science and Policy Seminar
- **MAC 2311** Calculus I or **MAC 2241**
- **STA 2023** Introductory Statistics I

Geology or Geography (4 credit hours):

- **GLY 2010** Dynamic Earth: Intro to Physical Geography and **GLY 2000L** Essentials of Geology Lab or
- **GLY 2100** History of Life and **GLY 2000L** Essentials of Geology Lab or
- **GEO 2200** Introduction to Physical Geography and **GEO 2200L** Introduction to Physical Geography Lab

**Major Electives (18-25 Hours)**

The ESP Undergraduate Program has two tracks (Science and Policy). Students should choose one of these tracks and follow the course requirements:

**Science Track (21-25 credit hours)**

- **MAC 2242** Life Sciences Calculus II or **MAC 2282** or **MAC 2312**
- **CHM 2210** Organic Chemistry I
- **CHM 2210L** Organic Chemistry I Laboratory
- Plus four (4) approved science-related electives.
  - Options include:
    - **BSC 3312** Marine Biology
    - **ENV 4417** Water Quality and Treatment
    - **EVR 4027** Wetland Environments
    - **EVR 4104** Karst Environments
    - **EVR 4114** Climate Change
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<tr>
<td>PCB 3043/3043L</td>
<td>Principles of Ecology/Lab</td>
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**Policy Track (18 credit hours)**

- GEO 4502 Economic Geography
- EVR 4033 Environmental Regulation
- Plus four (4) approved policy-related electives.
  - Options include:
    - EVR 4027 Wetland Environments
    - EVR 4104 Karst Environments
    - EVR 4114 Climate Change
    - EVR 4163 Forest Ecology and Management
    - EVR 3218 Wildlife Research Methods
    - EVR 4807 Sustainable Healthy Environments
    - EVR 4930 Selected Topics
    - GEO 3602 Urban Geography
    - GEO 4340 Natural Hazards
    - GEO 4421 Cultural Geography
    - GEO 4471 Political Geography
    - GEO 4604 Topics in Urban Geography
    - GEO 4700 Transportation Geography
    - GIS 4043C Geographical Information Systems
    - PAD 3003 Introduction to Public Administration
    - PAD 4144 Non-Profit Organizations and Public Policy
    - PAD 4930 Selected Topics in Public Administration and Public Policy
    - POS 3142 Introduction to Urban Politics and Government
    - POS 3182 Florida Politics and Government
    - REL 4188 Religion and Ecology Seminar
    - URP 4052 Urban and Regional Planning

**GRADING REQUIREMENT**

Unless stated otherwise, a grade of C- is the minimum acceptable grade.
RESEARCH OPPORTUNITIES

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

ADVISING INFORMATION

Please see http://hennarot.forest.usf.edu/main/depts/geosci/ug/advising/ and/or contact Teresa Ippolito, the Environmental Science and Policy Academic Advisor. She may be contacted via email at: GeoAdvise@usf.edu; by phone at (813) 974-3250; office location is Science Center (SCA) 207.

All students majoring in Environmental Science and Policy are required to see the advisor (Teresa Ippolito- see above for contact information) each semester prior to registration for the following term. Students who are eligible for an internship must see the internship coordinator (Dr. Connie Mizak; (813) 974-3101; mizak@usf.edu) six weeks prior to the beginning of the semester in which they will complete the internship.

ENVIRONMENTAL SCIENCE AND POLICY FACULTY

Chairperson: M. Rains; Associate Chairperson: J. Firat; Professors: A. Njoh, G. Tobin; Associate Professors: F. Akiwumi, K. Alsharif, M. Bosman, J. Collins, J. Firat, R. Pu, S. Reader, P. van Beynen; Senior Instructor: C. Mizak; Instructors: L. Walker, E. Walton.

B.A. - GEOGRAPHY (GPY)

(CIP = 45.0701)
TOTAL DEGREE HOURS: 120

http://hennarot.forest.usf.edu/main/depts/geosci/

The undergraduate geography program offers courses in physical geography, human geography, and geographical analysis. Human geography courses focus on the social and spatial effects of the growth of cities, including issues such as the historical evolution of urban form and function, land-use changes and conflicts, economic restructuring, the growth and decline of inner cities, and urban racial and ethnic relations. Physical geography courses focus on major environmental systems including the hydrosphere, atmosphere, and biosphere. Geographical analysis courses provide skills in geographic information systems science and technology, remote sensing and spatial analysis. Particular emphasis is placed on the human modification of the natural environment and the global interconnections of the major earth systems.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida college System institution, they must be completed before the degree is granted.

- Two introductory courses in Geography with GEO prefix (6 credit hours) must be completed.
REQUIREMENTS FOR THE MAJOR IN GEOGRAPHY

TOTAL MAJOR HOURS: 14

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (14 HOURS)

The Geography bachelor's degree of 44 total hours comprises six core courses (14 credit hours) that include a specified concentration (30 credit hours). To complete their elective requirements for Geography, students are encouraged to consider courses offered in Geology and Environmental Science and Policy.

- GEO 2200 Introduction to Physical Geography
- GEO 2200L Introduction to Physical Geography Lab
- GEO 2400 Human Geography
- GEO 3164C Research Methods in Geography
- GEO 4933 Geography Colloquium
- GIS 4043C Geographic Information Systems

Three concentrations are offered: Physical Geography, Human Geography, and General Geography, comprising 30 credit hours (10 courses) each. Students must identify a concentration in consultation with their academic advisor in the School of Geosciences and select appropriate courses as shown below.

GPA REQUIREMENTS

Students must maintain a minimum 2.0 major GPA in order to graduate.

GRADING REQUIREMENT

Students must earn a C- or better in all major coursework.

RESEARCH OPPORTUNITIES

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

ADVISING INFORMATION

Students are encouraged to seek assistance with the choice of electives through the department undergraduate advisor.

GEOGRAPHY FACULTY

Chairperson: M. Rains; Associate Chairperson: J. Firat; Professors: A. Njoh, G. Tobin; Associate Professors: F. Akiwumi, K. Alsharif, M. Bosman, J. Collins, J. Firat, R. Pu, S. Reader, P. van Beynen; Senior Instructor: C. Mizak; Instructors: L. Walker, E. Walton.
GENERAL GEOGRAPHY (GGG) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN GENERAL GEOGRAPHY

TOTAL CONCENTRATION HOURS: 44

CONCENTRATION CORE (30 HOURS)

Students must take a minimum of:

- Two courses from the Physical Geography category (6 credit hours)
  - EVR 4027 Wetland Environments
  - EVR 4104 Karst Environments
  - EVR 3218 Wildlife Research Techniques
  - GEO 3280 Environmental Hydrology
  - GEO 4210 Process Geomorphology
  - GEO 4244 Tropical Meteorology
  - GEO 4265 Soil Genesis and Classification
  - GEO 4300 Biogeography
  - GLY 4734 Beaches and Coastal Environments
  - MET 4002C Climatology
  - MET 4012C Meteorology
  - MET 4106C Climate Studies

- Two courses from the Human Geography category (6 credit hours)
  - GEO 3602 Urban Geography
  - GEO 4421 Cultural Geography
  - GEO 4471 Political Geography
  - GEO 4502 Economic Geography
  - GEO 4700 Transportation Geography
  - URP 4052 Urban and Regional Planning

- Two courses from the Human Environment Interaction category (6 credit hours)
  - EVR 4033 Environmental Regulation
  - EVR 4114 Climate Change
  - EVR 4807 Sustainable Healthy Environments
  - EVR 4873 Environmental Policy and Sustainability
  - GEO 4284 Water Resources Management
  - GEO 4340 Natural Hazards
  - GEO 4372 Global Conservation
  - GEO 4450 Medical Geography

- One course from the Geographical Technique Analysis category (3 credit hours)
  - GEO 4114C Geographic Techniques and Methodology
  - GIS 4035C Remote Sensing of the Environment
  - GIS 4300 Environmental Modeling with GIS
  - GIS 4075 Global Positioning Systems

- One course from the Regional Perspectives category (3 credit hours)
  - GEA 2000 World Regional Geography
  - GEA 3194 Regional Geography*
  - GEA 3405 Geography of Latin America
  - GEA 3500 Geography of Europe
  - GEA 3703 Geography of Asia

- Two additional courses selected from any Geography category (6 credit hours)
  - Student will take six credit hours of unduplicated coursework from any of the Geography categories.
A maximum of three credit hours can be taken as Directed Reading (GEO 4900) and/or Individual Research (GEO 4910) and count as one of these additional courses.

*Course may be taken one additional time.

Courses taken as Special Topics in Geography (GEO 4930), Selected Topics in Geology (GLY 4930), and Selected Topics in Environmental Science and Policy (EVR 4930) may substitute for elective courses in particular categories as designated by the undergraduate director.

**PHYSICAL GEOGRAPHY (PGG) CONCENTRATION**

**REQUIREMENTS FOR THE CONCENTRATION IN PHYSICAL GEOGRAPHY**

**TOTAL CONCENTRATION HOURS: 44**

**CONCENTRATION CORE (30 HOURS)**

Students must take a minimum of:

- Five courses from the Physical Geography category (15 credit hours)
  - EVR 4027 Wetland Environments
  - EVR 4104 Karst Environments
  - EVR 3218 Wildlife Research Techniques
  - GEO 3280 Environmental Hydrology
  - GEO 4210 Process Geomorphology
  - GEO 4244 Tropical Meteorology
  - GEO 4265 Soil Genesis and Classification
  - GEO 4300 Biogeography
  - GLY 4734 Beaches and Coastal Environments
  - MET 4002C Climatology
  - MET 4012C Meteorology
  - MET 4106C Climate Studies

- One course from the Human Environment Interaction category (3 credit hours)
  - EVR 4033 Environmental Regulation
  - EVR 4114 Climate Change
  - EVR 4807 Sustainable Healthy Environments
  - EVR 4873 Environmental Policy and Sustainability
  - GEO 4284 Water Resources Management
  - GEO 4340 Natural Hazards
  - GEO 4372 Global Conservation
  - GEO 4450 Medical Geography

- One course from the Geographical Technique and Analysis category (3 credit hours)
  - GEO 4114C Geographic Techniques and Methodology
  - GIS 4035C Remote Sensing of the Environment
  - GIS 4300 Environmental Modeling with GIS
  - GIS 5075 Global Positioning Systems

- One course from the Regional Perspectives category (3 credit hours)
  - GEA 2000 World Regional Geography
  - GEA 3194 Regional Geography*
  - GEA 3405 Geography of Latin America
  - GEA 3500 Geography of Europe
  - GEA 3703 Geography of Asia

- Two additional courses selected from any Geography category (6 credit hours)
  - Student will take six credit hours of unduplicated coursework from any of the Geography categories.
A maximum of three credit hours may be taken from the following and will count as one of the additional courses: Directed Reading (GEO 4900) and/or Individual Research (GEO 4910).

*Course may be taken one additional time.

Courses taken as Special Topics in Geography (GEO 4930), Selected Topics in Geology (GLY 4930), and Selected Topics in Environmental Science and Policy (EVR 4930) may substitute for elective courses in particular categories as designated by the undergraduate director.

HUMAN GEOGRAPHY (USG) CONCENTRATION

TOTAL CONCENTRATION HOURS: 44

CONCENTRATION CORE (30 HOURS)

Students must take a minimum of:

- Four courses from the Human Geography category (12 credit hours)
  - GEO 3602 Urban Geography
  - GEO 4421 Cultural Geography
  - GEO 4471 Political Geography
  - GEO 4502 Economic Geography
  - GEO 4700 Transportation Geography
  - URP 4052 Urban and Regional Planning
- Two courses from the Human Environment Interaction category (6 credit hours)
  - EVR 4033 Environmental Regulation
  - EVR 4114 Climate Change
  - EVR 4807 Sustainable Healthy Environments
  - EVR 4873 Environmental Policy and Sustainability
  - GEO 4284 Water Resources Management
  - GEO 4340 Natural Hazards
  - GEO 4372 Global Conservation
  - GEO 4450 Medical Geography
- One course from the Geographical Technique and Analysis category (3 credit hours)
  - GEO 4114C Geographical Techniques and Methodology
  - GIS 4035C Remote Sensing of the Environment
  - GIS 4300 Environmental Modeling with GIS
  - GIS 5075 Global Positioning Systems
- One course from the Regional Perspectives category (3 credit hours)
  - GEA 2000 World Regional Geography
  - GEA 3194 Regional Geography
  - GEA 3405 Geography of Latin America
  - GEA 3500 Geography of Europe
  - GEA 3703 Geography of Asia
- Two additional courses selected from any Geography category (6 credit hours)
  - Student will take six credit hours of unduplicated coursework from any of the Geography categories.
    - A maximum of three credit hours can be taken as Directed Reading (GEO 4900) and/or Individual Research (GEO 4910) and count as one of these additional courses.

*Course may be taken one additional time.
Courses taken as Special Topics in Geography (GEO 4930) and Selected Topics in Environmental Science and Policy (EVR 4930) may substitute for elective courses in particular categories as designated by the undergraduate director.

B.S. - GEOLOGY (GLS)
(CIP = 40.0601 - TRACK 1 OF 2)
TOTAL DEGREE HOURS: 120
http://hennarot.forest.usf.edu/main/depts/geosci/

The Bachelor of Science degree program provides the student with a hands-on foundation in the fundamentals of the geosciences. As a result of faculty interests and geographic locations, several geologic sub-disciplines are emphasized, including applied geophysics, coastal geology, geochemistry, geomorphology, geoscience education, hydrogeology, paleobiology, petrology, and volcanology. However, the wide variety of courses and electives offered by the Geology, Environmental Sciences, and Geography programs within the School of Geosciences provides students with programs of study that can be tailored to fit individual needs while maintaining a sound background in all general aspects of geology.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- CHM X045/X045L General Chemistry I (with lab) or CHM X045C or CHM X040/X041
- CHM X046/X046L General Chemistry II (with lab) or CHM X046C
- GLY X010C Introduction to Physical Geology or GLY X010/X010L
- MAC X311 Calculus I or MTH X281
- (PHY X048C General Physics and Laboratory I and PHY X049C) or (PHY X048/X048L and PHY X049/X049L) or (PHY X053C and PHY X054C)*
- XXX XXXX Historical Geology STRONGLY recommended

*The choice of Physics sequence depends on the area of Geology specialization.

REQUIREMENTS FOR THE MAJOR IN GEOLOGY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 25-27 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- CHM 2045 General Chemistry I and CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II and CHM 2046L General Chemistry II Laboratory
- STA 2023 Introductory Statistics I or STA 2122 Social Science Statistics
- MAC 2281 or MAC 2311 or MAC 2441 Calculus I
- GLY 3866 Computational Geology or MAC 2282 or MAC 2312
• **PHY 2048/2048L General Physics I - Calculus Based with Lab and PHY 2049/2049L General Physics II - Calculus Based with Lab (recommended)** or **PHY 2053/2053L General Physics I and PHY 2054/2054L General Physics II**
  - **PHY 2060** may substitute for **PHY 2048** and **PHY 2061** may substitute for **PHY 2049**.

**TOTAL MAJOR HOURS: 43**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE (29 HOURS)**

The Geology B.S. degree requires 43 total credit hours of degree applicable Geology coursework comprising one introductory course (4 credit hours), six core courses (19 credit hours), the summer field capstone sequence (6 credit hours), and four upper-level electives (14 credit hours). To complete their elective requirements for Geology, students are encouraged to consider courses offered in Geography and Environmental Science and Policy.

- **Introductory Sequence** (4 credit hours):
  - One course, chosen from:
    - **ESC 2000** Introduction to Earth Science
    - **GLY 2010** Dynamic Earth: Introduction to Physical Geology
    - **GLY 2030** Hazards of the Earth’s Surface: Environmental Geology
    - **OCE 2001** Introduction to Oceanography
    - Or other comparable acceptable course offerings, as approved by the undergraduate advisor
  - **GLY 2000L** Essentials of Geology Laboratory

*Transfer students who have taken **GLY 2010C** or the equivalent will be deemed to have met the introductory sequence requirements. However, ALL students are strongly encouraged to take **GLY 2000L**, as this course will greatly facilitate success in the upper-level offerings.*

- **Core Courses (19 hours):**
  - **GEO 3280** Environmental Hydrology*
  - **GLY 3104C** Stratigraphy and Paleontology
  - **GLY 3311C** Mineralogy, Petrology, Geochemistry
  - **GLY 3402C** Structural Geology and Tectonics
  - **GLY 3552C** Sedimentary Record and Processes

*In the event that **GEO 3280** is not offered in a calendar year, the Undergraduate Advisor may approve **GLY 4822C** Hydrogeology to count in its place.*

- **Capstone Sequence (6 credit hours):**
  - The Geology major’s culminating experience capstone is six (6) credit hours of summer field camp broken into three courses of **GLY 4948** and **GLY 4949**, each taught in two-week increments.
    - **GLY 4948** Practical and Applied Geology: Field Experience (multiple sections and topics offered)
    - **GLY 4949** Practical and Applied Geology: Field Mapping (multiple sections and topics offered)
  - Field Mapping Requirement: Within the major capstone sequence, at least two (2) hours must be drawn from courses identified by the School of Geosciences as including a substantial field mapping content. Courses that meet this requirement include: Field Geologic Mapping and Field Volcanology. Other field courses may be approved for the filed mapping requirement by the Undergraduate Advisor.
  - Note: The above Geology major capstone courses do not meet the University’s FKL Capstone Experience requirement.
MAJOR ELECTIVES (14 HOURS)

- Students will take 14 credit hours from the following list of courses:
  - EVR 4027 Wetland Environments
  - EVR 4033 Environmental Regulation
  - EVR 4104 Karst Environments
  - GEO 4210 Process Geomorphology
  - GEO 4265 Soil Genesis and Classification
  - GEO 4284 Water Resources Management
  - GEO 4340 Natural Hazards
  - GIS 4043C Geographic Information Systems
  - GLY 4310 Petrology
  - GLY 4324C Physical Volcanology*
  - GLY 4480 Seismology*
  - GLY 4554C Sedimentary Environments
  - GLY 4720C Aqueous and Environmental Geochemistry
  - GLY 4822C Hydrogeology*
  - GLY 4780 Geological Field Studies
  - Other 3000- or 4000-level GLY courses, as approved by the undergraduate advisor

Quantitative Requirement: Of these upper-level electives, at least three (3) hours must be drawn from courses identified by the department as including high-quantitative content. Courses that meet this requirement are highlighted with *. Other comparable quantitative offerings in Geology may be approved by the undergraduate advisor.

Optional Geophysics Emphasis

Requirements for the Geology B.S. Major with the optional Geophysics emphasis:

The Geophysics Track in Geology indicates advanced mathematics training and requires the following courses:

- MAC 2282 Engineering Calculus II (recommended) or MAC 2312 Calculus II (instead of GLY 3866)
- MAC 2313 Calculus III

These courses may count towards no more than four (4) credit hours of the 14 elective credit hours required for the B.S. in Geology.

RESEARCH OPPORTUNITIES

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

OPTIONAL HONORS PROGRAM

The purpose of the Honors Program is to provide a select group of undergraduate Geology majors an opportunity to undertake an intensive, individualized research experience. The culmination of the program is the completion and presentation of an honors thesis. To apply, interested students should contact the Geology undergraduate advisor during the second semester of the student's junior year. Admission to the program requires a GPA of 3.50 in the major and an overall GPA of 3.2.

GEOLOGY FACULTY

B.A. - GEOLOGY (GLY)

(CIP = 40.0601 - TRACK 1 OF 2)
TOTAL DEGREE HOURS: 120

http://hennarot.forest.usf.edu/main/depts/geosci/

The Bachelor of Arts program is designed primarily for the liberal arts student who has an interest in careers in Geoscience education or environmental policy and law. A student who elects the B.A. program and decides to pursue the geology profession or attend graduate school will need at least field geology in his/her program.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- CHM X045/X045L General Chemistry I (with lab) or CHM X045C or CHM X040/X041
- CHM X046/X046L General Chemistry II (with lab) or CHM X046C
- GLY X010C Introduction to Physical Geology or GLY X010/X010L
- MAC X311 Calculus I or MTH X281
- (PHY X048C General Physics and Laboratory I and PHY X049C) or (PHY X048/X048L and PHY X049/X049L) or (PHY X053C and PHY X054C)*
- XXX XXXX Historical Geology STRONGLY recommended

*The choice of Physics sequence depends on the area of Geology specialization.

REQUIREMENTS FOR THE MAJOR IN GEOLOGY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 22-23 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- CHM 2045 General Chemistry I and CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II and CHM 2046L General Chemistry II Laboratory
- MAC 2311 Calculus I or MAC 2241 Life Science Calculus I
- STA 2023 Introductory Statistics I
- PHY 2048/2048L General Physics I - Calculus Based with Lab and PHY 2049/2049L General Physics II - Calculus Based with Lab (recommended) or PHY 2053/2053L General Physics I with Lab and PHY 2054/2054L General Physics II with Lab
  - PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.
TOTAL MAJOR HOURS: 34

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (19 HOURS)

The B.A. in Geology degree requires 34 total credit hours of degree-applicable Geology coursework, comprising one introductory course (4 credit hours), four core courses (15 credit hours), and four upper-level electives (15 credit hours).

*Transfer students who have taken GLY 2010C or the equivalent will be deemed to have met the introductory sequence requirements. However, ALL students are strongly encouraged to take GLY 2000L, as this course will greatly facilitate success in the upper-level offerings.

- **Introductory Sequence** (4 credit hours):
  - One course, chosen from:
    - ESC 2000 Introduction to Earth Science
    - GLY 2010 Dynamic Earth: Introduction to Physical Geology
    - GLY 2030 Hazards of the Earth’s Surface: Environmental Geology
    - OCE 2001 Introduction to Oceanography
    - Or other comparable acceptable course offerings, as approved by the undergraduate advisor
  - GLY 2000L Essentials of Geology Laboratory

- **Core Courses** (15 credit hours):
  - GEO 3280 Environmental Hydrology
  - GLY 3311C Mineralogy, Petrology, Geochemistry
  - GLY 3402C Structural Geology and Tectonics
  - GLY 3552C Sedimentary Rocks and Processes

In the event that GEO 3280 is not offered in a calendar year, the undergraduate advisor may approve GLY 4822C Hydrogeology to count in its place.

MAJOR ELECTIVES (15 HOURS)

Students choose 15 hours of upper-level electives from the following list of courses:

- EVR 4027 Wetland Environments
- EVR 4033 Environmental Regulation
- EVR 4104 Karst Environments
- GEO 4210 Process Geomorphology
- GEO 4265 Soil Genesis and Classification
- GEO 4284 Water Resources Management
- GEO 4340 Natural Hazards
- GIS 4043C Geographic Information Systems
- GLY 3866 Computational Geology
- GLY 4310 Petrology
- GLY 4324C Physical Volcanology*
- GLY 4480 Seismology*
- GLY 4554C Sedimentary Environments
- GLY 4720C Aqueous and Environmental Geochemistry*
- GLY 4780 Geological Field Studies
- GLY 4822C Hydrogeology*
- GLY 4921 Scientific Communication
- GLY 4948 Practical and Applied Geology: Field Experience
- Other 3000- or 4000-level GLY course, as approved by the undergraduate advisor
Quantitative Requirement: Of these upper-level electives, at least three (3) hours must be drawn from courses identified by the department as including high-quantitative content. Courses that meet this requirement are highlighted with a *. Other comparable quantitative offerings in geology may be approved by the undergraduate advisor.

RESEARCH OPPORTUNITIES

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

GEOLOGY FACULTY


B.S. - HEALTH SCIENCES (HLS)

(CIP = 51.0000)
TOTAL DEGREE HOURS: 120

http://spa.usf.edu/undergraduate/health/

This degree program is designed for those interested in health science, the health care industry and the allied health professions. The degree has a flexible curriculum so students can choose an area of specialization to suit their career interests. Career choices after graduation include working in health related nonprofit organizations, governmental and community agencies, medical records, patient education, geriatric care settings, diagnostic laboratories, hospitals, the pharmaceutical industry, medical and wellness facilities and businesses. Students graduating with this degree may enter the workforce or continue their education in a variety of fields that might include advanced degree programs in Health Management, Physical or Occupational Therapy, Physician Assistant, Health Administration, Healthcare Informatics, Communication Disorders and Social Work to name a few. (This degree has greater flexibility and students may have more exposure to social science, business and humanities courses than the more natural science and mathematics intensive degrees sometimes required for the professional schools in medicine, dentistry, pharmacy or veterinary medicine; for these see the health professions section in this catalog).

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

- BSC XXXXC or BSC X007/X007L or BSC X005/X005L or BSC X010/X010L
- MAC X105
- PSY X012
- STA XXXX or STA X023 or STA X014
REQUIREMENTS FOR THE MAJOR IN HEALTH SCIENCES

TOTAL MAJOR HOURS: 34

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (34 HOURS)

- **BSC 1020** The Biology of Humans or **BSC 1005** Biological Principles for Non-Majors or **BSC 2010** and **BSC 2010L** Biology I: Cellular Processes and Laboratory
- **BSC 2085** and **BSC 2085L** Anatomy and Physiology I for Health Professionals and Lab or **BSC 2093C** Human Anatomy and Physiology I and **BSC 2094C** Human Anatomy and Physiology II
- **CLT 3040** Scientific and Medical Terminology
- **DEP 2004** The Life Cycle
- **ENC 2210** Technical Writing
- **HSC 2000** Introduction to Health Professions
- **MAC 1105** College Algebra
- **PHI 3633** Biomedical Ethics or **PHI 3636** Professional Ethics
- **PSY 2012** Introduction to Psychological Science
- **STA 2023** Introductory Statistics I

- Choose one of the following courses:
  - **ACG 2021** Principles of Financial Accounting
  - **ANT 2511** Biological Anthropology
  - **COM 2000** Introduction to Communication
  - **GEY 2000** Introduction to Aging Sciences
  - **SYG 2000** Introduction to Sociology

RESIDENCY REQUIREMENT

A minimum of 20 credit hours of courses must be taken in residency at USF Tampa and be applicable to the major.

RESEARCH OPPORTUNITIES

A maximum of 4 credits of Undergraduate Research (**IDS 4910**) may be applied to the major with a maximum of 1 credit taken per semester.

INTERNSHIP OPPORTUNITIES

The Health Sciences program has competitive internships available for students in various health fields such as health informatics, administration, marketing, sales, health care centers and government to name a few. Students must take Career Development for Health Professionals (**IDS 4937**) or participate in the Health Sciences Career Development Workshop Series prior to applying for the internships. Placement applications and information are available upon completion of the course or workshops. Students can find more information about the course and workshops on the Health Science Majors Canvas site. Internships are restricted to health sciences majors only and a permit is required for registration. Please email **hhsadvise@usf.edu** for a permit. Internship course credit (3-6 hours) may be applied to any concentration in the major.

OTHER INFORMATION

Additional Concentration Options/Combinations:

- Concentration in Aging Health Studies
- Concentration in Aging Health Studies and Health Information Technology
- Concentration in Aging Health Studies and Health Management
Concentration in Biological Health Sciences
Concentration in Biological Health Sciences and Aging Health Studies
Concentration in Biological Health Sciences and Health Information Technology
Concentration in Biological Health Sciences and Health Management
Concentration in Biological Health Sciences and Social and Behavioral Health Sciences
Concentration in Health Information Technology
Concentration in Health Management
Concentration in Health Management and Health Information Technology
Concentration in Social and Behavioral Health Sciences
Concentration in Social and Behavioral Health Sciences and Aging Health Studies
Concentration in Social and Behavioral Health Sciences and Health Information Technology
Concentration in Social and Behavioral Health Sciences and Health Management

**ADVISING INFORMATION**

School of Information: hhsadvise@usf.edu

**HEALTH SCIENCES FACULTY**

*Program Director and Instructor:* C. Cooperman

**AGING HEALTH STUDIES (HAH) CONCENTRATION**

*(CIP = 51.0000)*

http://www.spa.usf.edu/undergraduate/health/

**TOTAL CONCENTRATION HOURS: 64**

**CONCENTRATION CORE (30 HOURS)**

Students must choose 30 credit hours total, depending on the student's career goals these can be 30 credits from one concentration or a combination of two different concentrations with 15 credits from each.

- **BSC 3022** Biology of Aging
- **GEY 3601** Physical Changes and Aging
- **GEY 4322** Care Management for Older Adults
- **GEY 4360** Counseling for Older Adults
- **GEY 4507** Understanding Policies and Practices of Long Term Care
- **GEY 4608** Alzheimer’s Disease Management
- **GEY 4628** Health, Ethnicity, and Aging
- **GEY 4641** Death and Dying
- **GEY 4935** Special Topics in Gerontology*
- **HSC 4211** Health, Behavior & Society
- **HSC 4630** Understanding U.S. Healthcare
- **LIS 4930** Selected Topics in Information Studies*
- **MHS 4931** Selected Topics*
- **PAD 4930** Special Topics in Public Administration and Public Policy*
- **PHC 4931** Health Care Ethics
AGEING HEALTH STUDIES AND HEALTH MANAGEMENT (HAM) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN AGEING HEALTH STUDIES AND HEALTH MANAGEMENT

TOTAL CONCENTRATION HOURS: 64

CONCENTRATION CORE (30 HOURS)

Aging Health Studies courses (students must take 15 hours from this list):

- BSC 3022 Biology of Aging
- GEY 3601 Physical Changes and Aging
- GEY 4322 Care Management for Older Adults
- GEY 4360 Counseling for Older Adults
- GEY 4507 Understanding Policies and Practices in Long Term Care
- GEY 4608 Alzheimer's Disease Management
- GEY 4628 Health, Ethnicity, and Aging
- GEY 4641 Death and Dying
- GEY 4935 Special Topics in Gerontology*
- HSC 4211 Health, Behavior & Society
- HSC 4630 Understanding U.S. Healthcare
- LIS 4930 Selected Topics in Information Studies*
- MHS 4931 Selected Topics*
- PAD 4930 Selected Topics in Public Administration and Public Policy*
- PHC 4931 Health Care Ethics
- SOW 3210 The American Social Welfare System
- SPA 3002 Introduction to Communication Sciences and Disorders
- SPA 4257 Adult Communication Disorders

Health Management courses (students must take 15 hours from this list):

- ACG 2071 Principles of Managerial Accounting
- GEY 4635 Business Management in an Aging Society
- HSC 4211 Health, Behavior & Society
- HSC 4624 Foundations of Global Health
- HSC 4630 Understanding U.S. Health Care
- HSC 4631 Critical Issues in Public Health
- HSC 4933 Special Topics in Public Health*
- LIS 4930 Selected Topics in Information Studies*
- MAN 3025 Principles of Management
- MMC 4936 Selected Topics in Health Communications and Media*
- PAD 3003 Introduction to Public Administration
- PAD 4204 Public Financial Administration
- PAD 4415 Personnel and Supervision in Today's Diverse Organizations
- PAD 4712 Managing Information Resources in the Public Sector
- PAD 4930 Selected Topics in Public Administration and Public Policy*
- PHC 4101 Overview of Public Health Programs and Policies
- PHC 4931 Health Care Ethics
PHI 3636 Professional Ethics (course can be applied to tier one or concentration not both)
PUP 4002 Public Policy
SYO 4400 Medical Sociology

Two SPC, MMC and/or COM courses may apply to this concentration:

- SPC 3710 Communication and Cultural Diversity
- SPC 4930 Selected Topics
  - Patient Provider Communication
  - Intercultural Health Communication

*See Health Sciences Advisor for approval.

BIOLOGICAL HEALTH SCIENCES AND AGING HEALTH STUDIES (HBA) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN BIOLOGICAL HEALTH SCIENCES AND AGING HEALTH STUDIES

TOTAL CONCENTRATION HOURS: 64

CONCENTRATION CORE (30 HOURS)

Biological Health Sciences courses (students must take 15 hours from this list):

- ANT 4462 Health, Illness, and Culture
- ANT 4520C Forensic Anthropology
- APK 3120 Exercise Physiology
- BSC 3022 Biology of Aging
- BSC 4933 Selected Topics in Biology*
- CHM 2023 Chemistry for Today
- CHM 2045 General Chemistry I and CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II and CHM 2046L General Chemistry II Laboratory
- GEY 3601 Physical Changes and Aging
- HSC 3541 Human Structure and Function
- HSC 4430 Occupational Health and Safety
- HSC 4504 Foundations of Public Health Immunology
- HSC 4551 Survey of Human Diseases
- HSC 4573 Foundations of Food Safety
- HSC 4624 Foundations of Global Health
- HSC 4933 Special Topics in Public Health*
- HUN 3272 Sports Nutrition
- HUN 3296 Nutrition and Disease
- LIS 4785 Introduction to Health Informatics
- LIS 4930 Selected Topics in Information Studies*
- MCB 3020 General Microbiology
- MCB 3020L General Microbiology Laboratory
- PCB 3063 General Genetics
- PCB 3063L General Genetics Laboratory
- PHC 3302 Introduction to Environmental & Occupational Health
- PHC 3320 Environmental Health Science
- PHC 4030 Introduction to Epidemiology
- PHC 4101 Overview of Public Health Programs and Policies
- PHY 2020 Conceptual Physics or PHY 2053/PHY 2053L General Physics I with Lab
- PHY 2054/PHY 2054L General Physics II with Lab
- SPC 4930 Selected Topics in Communication*
COLLEGE OF ARTS & SCIENCES

Communication Sciences & Disorders Cluster (These courses are recommended for students interested in pursuing graduate degrees in communication sciences)

- **ZOO 4512** Sociobiology
- **SPA 3002** Introduction to Communication Sciences and Disorders
- **SPA 3004** Introduction to Language Development and Disorders
- **SPA 3030** Introduction to Hearing Science
- **SPA 3101** Anatomy and Physiology of the Speech & Hearing Mechanism
- **SPA 4104** Neuroanatomy of Speech, Language & Hearing

Aging Health Studies courses (students must take 15 hours from this list):

- **BSC 3022** Biology of Aging
- **GEY 3601** Physical Changes and Aging
- **GEY 4322** Care Management for Older Adults
- **GEY 4360** Counseling for Older Adults
- **GEY 4507** Understanding Policies and Practices of Long Term Care
- **GEY 4608** Alzheimer's Disease Management
- **GEY 4628** Health, Ethnicity, and Aging
- **GEY 4641** Death and Dying
- **GEY 4935** Special Topics in Gerontology*
- **HSC 4211** Health, Behavior & Society
- **HSC 4630** Understanding U.S. Healthcare
- **LIS 4930** Selected Topics in Information Studies*
- **MHS 4931** Selected Topics*
- **PAD 4930** Selected Topics in Public Administration and Public Policy*
- **PHC 4931** Health Care Ethics
- **SOW 3210** The American Social Welfare System
- **SPA 3002** Introduction to Communication Sciences and Disorders
- **SPA 4257** Adult Communication Disorders

*See Health Sciences Advisor for approval.

**BIOLOGICAL HEALTH SCIENCES (HBH) CONCENTRATION**

(CIP = 51.0000)

**REQUIREMENTS FOR THE CONCENTRATION IN BIOLOGICAL HEALTH SCIENCES**

**TOTAL CONCENTRATION HOURS: 64**

**CONCENTRATION CORE (30 HOURS)**

Students must choose 30 credit hours total, depending on the student's career goals these can be 30 credits from one concentration or a combination of two different concentrations with 15 credits from each.

- **ANT 4462** Health, Illness, and Culture
- **ANT 4520C** Forensic Anthropology
- **APK 3120** Exercise Physiology
- **BSC 3022** Biology of Aging
- **BSC 4933** Selected Topics in Biology*
- **CHM 2023** Chemistry for Today
- **CHM 2045** General Chemistry I and **CHM 2045L** General Chemistry I Laboratory
- **CHM 2046** General Chemistry II and **CHM 2046L** General Chemistry II Laboratory
- **GEY 3601** Physical Changes and Aging
• HSC 4430 Occupational Health and Safety
• HSC 4504 Foundations of Public Health Immunology
• HSC 4551 Survey of Human Diseases
• HSC 4573 Foundations of Food Safety
• HSC 4624 Foundations of Global Health
• HSC 4933 Special Topics in Public Health*
• HUN 3272 Sports Nutrition
• HUN 3296 Nutrition and Disease
• LIS 4785 Introduction to Health Informatics
• LIS 4930 Selected Topics in Information Studies*
• MCB 3020 General Microbiology
• MCB 3020L General Microbiology Laboratory
• PCB 3063 General Genetics
• PCB 3063L General Genetics Laboratory
• PHC 3302 Introduction to Environmental & Occupational Health
• PHC 3320 Environmental Health Science
• PHC 4030 Introduction to Epidemiology
• PHC 4101 Overview of Public Health Programs and Policies
• PHY 2020 Conceptual Physics or PHY 2053/PHY 2053L General Physics I with Lab
• PHY 2054/PHY 2054L General Physics II with Lab
• SPC 4930 Selected Topics in Communication*
• ZOO 4512 Sociobiology

Communication Sciences & Disorders Cluster (These courses are recommended for students interested in pursuing graduate degrees in communication sciences)
• SPA 3002 Introduction to Communication Sciences and Disorders
• SPA 3004 Introduction to Language Development and Disorders
• SPA 3030 Introduction to Hearing Science
• SPA 3101 Anatomy and Physiology of the Speech & Hearing Mechanism
• SPA 4104 Neuroanatomy of Speech, Language & Hearing

*See Health Sciences Advisor for approval.

BIOLOGICAL HEALTH SCIENCES AND HEALTH INFORMATION TECHNOLOGY (HBI) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN BIOLOGICAL HEALTH SCIENCES AND HEALTH INFORMATION TECHNOLOGY

TOTAL CONCENTRATION HOURS: 64

CONCENTRATION CORE (30 HOURS)

Biological Health Sciences courses (students must take 15 hours from this list):
• ANT 4462 Health, Illness, and Culture
• ANT 4520C Forensic Anthropology
• APK 3120 Exercise Physiology
• BSC 3022 Biology of Aging
• BSC 4933 Selected Topics in Biology*
• CHM 2023 Chemistry for Today
• CHM 2045 General Chemistry I and CHM 2045L General Chemistry I Laboratory
• CHM 2046 General Chemistry II and CHM 2046L General Chemistry II Laboratory
• GEY 3601 Physical Changes and Aging
• HSC 4430 Occupational Health and Safety
• HSC 4504 Foundations of Public Health Immunology
• HSC 4551 Survey of Human Diseases
• HSC 4573 Foundations of Food Safety
• HSC 4624 Foundations of Global Health
• HSC 4933 Special Topics in Public Health*
• HUN 3272 Sports Nutrition
• HUN 3296 Nutrition and Disease
• LIS 4785 Introduction to Health Informatics
• LIS 4930 Selected Topics in Information Studies*
• MCB 3020 General Microbiology
• MCB 3020L General Microbiology Laboratory
• PCB 3063 General Genetics
• PCB 3063L General Genetics Laboratory
• PHC 3302 Introduction to Environmental & Occupational Health
• PHC 3320 Environmental Health Science
• PHC 4030 Introduction to Epidemiology
• PHC 4101 Overview of Public Health Programs and Policies
• PHY 2020 Conceptual Physics or PHY 2053/PHY 2053L General Physics I with Lab
• PHY 2054/PHY 2054L General Physics II with Lab
• SPC 4930 Selected Topics in Communication*
• ZOO 4512 Sociobiology

Communication Sciences & Disorders Cluster (courses recommended for students interested in pursuing graduate degrees in communication sciences)

• SPA 3002 Introduction to Communication Sciences and Disorders
• SPA 3004 Introduction to Language Development and Disorders
• SPA 3030 Introduction to Hearing Science
• SPA 3101 Anatomy and Physiology of the Speech & Hearing Mechanism
• SPA 4104 Neuroanatomy of Speech, Language & Hearing

Health Information Technology courses (students must take 15 hours from this list):

• ISM 3113 Systems Analysis and Design
• LIS 3261 Introduction to Information Science
• LIS 3352 Interaction Design
• LIS 3353 IT Concepts for Information Professionals
• LIS 3361 World Wide Web Page Design and Management
• LIS 3783 Information Architecture
• LIS 4204 Information Behaviors
• LIS 4365 Web Design Technologies
• LIS 4380 Information and Social Media
• LIS 4414 Information Policy and Ethics
• LIS 4477 Clinical Decision Support
• LIS 4482 Networks and Communication
• LIS 4776 Health Information Technology
• LIS 4779 Health Information Security
• LIS 4785 Introduction to Health Informatics
• LIS 4930 Selected Topics in Information Studies*
• PAD 4712 Managing Information Resources in the Public Sector
• SPC 4930 Selected Topics: Online Communication

*See Health Sciences Advisor for approval.
BIOLOGICAL HEALTH SCIENCES AND HEALTH MANAGEMENT (HBM) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN BIOLOGICAL HEALTH SCIENCES AND HEALTH MANAGEMENT

TOTAL CONCENTRATION HOURS: 64

CONCENTRATION CORE (30 HOURS)

Biological Health Sciences courses (students must take 15 hours from this list):

- ANT 4462 Health, Illness, and Culture
- ANT 4520C Forensic Anthropology
- APK 3120 Exercise Physiology
- BSC 3022 Biology of Aging
- BSC 4933 Selected Topics in Biology*
- CHM 2023 Chemistry for Today
- CHM 2045 General Chemistry I and CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II and CHM 2046L General Chemistry II Laboratory
- GEY 3601 Physical Changes and Aging
- HSC 4430 Occupational Health and Safety
- HSC 4504 Foundations of Public Health Immunology
- HSC 4551 Survey of Human Diseases
- HSC 4573 Foundations of Food Safety
- HSC 4624 Foundations of Global Health
- HSC 4933 Special Topics in Public Health*
- HUN 3272 Sports Nutrition
- HUN 3296 Nutrition and Disease
- LIS 4785 Introduction to Health Informatics
- LIS 4930 Selected Topics in Information Studies*
- MCB 3020 General Microbiology
- MCB 3020L General Microbiology Laboratory
- PCB 3063 General Genetics
- PCB 3063L General Genetics Laboratory
- PHC 3302 Introduction to Environmental & Occupational Health
- PHC 3320 Environmental Health Science
- PHC 4030 Introduction to Epidemiology
- PHC 4101 Overview of Public Health Programs and Policies
- PHY 2020 Conceptual Physics or PHY 2053/PHY 2053L General Physics I with Lab
- PHY 2054/PHY 2054L General Physics II with Lab
- SPC 4930 Selected Topics in Communication*
- ZOO 4512 Sociobiology

Communication Sciences & Disorders Cluster (courses recommended for students interested in pursuing graduate degrees in communication sciences)

- SPA 3002 Introduction to Communication Sciences and Disorders
- SPA 3004 Introduction to Language Development and Disorders
- SPA 3030 Introduction to Hearing Science
- SPA 3101 Anatomy and Physiology of the Speech and Hearing Mechanism
- SPA 4104 Neuroanatomy of Speech, Language and Hearing
Health Management courses (students must take 15 hours from this list):

- ACG 2071 Principles of Managerial Accounting
- GEY 4635 Business Management in an Aging Society
- HSC 4211 Health, Behavior & Society
- HSC 4624 Foundations of Global Health
- HSC 4630 Understanding U.S. Health Care
- HSC 4631 Critical Issues in Public Health
- HSC 4933 Special Topics in Public Health*
- LIS 4930 Selected Topics in Information Studies*
- MAN 3025 Principles of Management
- MMC 4936 Selected Topics in Health Communications and Media*
- PAD 3003 Introduction to Public Administration
- PAD 4204 Public Financial Administration
- PAD 4415 Personnel and Supervision in Today's Diverse Organizations
- PAD 4712 Managing Information Resources in the Public Sector
- PAD 4930 Selected Topics in Public Administration and Public Policy*
- PHC 4101 Overview of Public Health Programs and Policies
- PHC 4931 Health Care Ethics
- PHI 3636 Professional Ethics (course can be applied to tier one or concentration not both)
- PUP 4002 Public Policy
- SYO 4400 Medical Sociology

Two SPC, MMC and/or COM course may apply to this concentration

- SPC 3710 Communication and Cultural Diversity
- SPC 4930 Selected Topics
  - Patient Provider Communication
  - Intercultural Health Communication

*See Health Sciences Advisor for approval.

SOCIAL AND BEHAVIORAL HEALTH SCIENCES (HBS) CONCENTRATION
(CIP = 51.0000)

REQUIREMENTS FOR THE CONCENTRATION IN SOCIAL AND BEHAVIORAL HEALTH SCIENCES

TOTAL CONCENTRATION HOURS: 64

CONCENTRATION CORE (30 HOURS)

Students must choose 30 credit hours total, depending on the student’s career goals these can be 30 credits from one concentration or a combination of two different concentrations with 15 credits from each.

- CLP 4143 Abnormal Psychology
- COM 4020 Communicating Illness, Grief and Loss
- COM 4021 Family Communication and the End of Life
- COM 4022 Health Communication
- COM 4225 Global and Cultural Issues in Health Communication
- COM 4702 Communication, Language, and Mental Illness
- HSC 4172 Women’s Health: A Public Health Perspective
- HSC 4211 Health, Behavior and Society
- HSC 4579 Foundations of Maternal and Child Health
### Mental Health Cluster (courses for students interested in mental health professions)

- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4002 Behavioral Health Systems Delivery
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in Behavioral Healthcare
- MHS 4931 Selected Topics*

### Substance Abuse Cluster (courses for students interested in substance abuse counseling and treatment professions)

- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in BHC
- MHS 4931 Selected Topics*
- PSB 3444 Drugs and Behavior

*See Health Sciences Advisor for approval.

## HEALTH INFORMATION TECHNOLOGY (HHI) CONCENTRATION

(CIP = 51.0000)

### REQUIREMENTS FOR THE CONCENTRATION IN HEALTH INFORMATION TECHNOLOGY

**TOTAL CONCENTRATION HOURS: 64**

### CONCENTRATION CORE (30 HOURS)

Students must choose 30 credit hours total, depending on the student's career goals these can be 30 credits from one concentration or a combination of two different concentrations with 15 credits from each.

- ISM 3113 Systems Analysis and Design
- LIS 3261 Introduction to Information Science
- LIS 3352 Interaction Design
- LIS 3353 IT Concepts for Information Professionals
- LIS 3361 World Wide Web Page Design and Management
- LIS 3783 Information Architecture
### HEALTH MANAGEMENT (HHM) CONCENTRATION

(CIP = 51.0000)

#### REQUIREMENTS FOR THE CONCENTRATION IN HEALTH MANAGEMENT

**TOTAL CONCENTRATION HOURS: 64**

**CONCENTRATION CORE (30 HOURS)**

Students must choose 30 credit hours total, depending on the student's career goals these can be 30 credits from one concentration or a combination of two different concentrations with 15 credits from each.

- **ACG 2071** Principles of Managerial Accounting
- **GEY 4635** Business Management in an Aging Society
- **HSC 4211** Health, Behavior & Society
- **HSC 4624** Foundations of Global Health
- **HSC 4630** Understanding U.S. Health Care
- **HSC 4631** Critical Issues in Public Health
- **HSC 4933** Special Topics in Public Health*
- **LIS 4930** Selected Topics in Information Studies*
- **MAN 3025** Principles of Management
- **MMC 4936** Selected Topics in Health Communications and Media*
- **PAD 3003** Introduction to Public Administration
- **PAD 4204** Public Financial Administration
- **PAD 4415** Personnel and Supervision in Today's Diverse Organizations
- **PAD 4712** Managing Information Resources in the Public Sector
- **PHC 4101** Overview of Public Health Programs and Policies
- **PHC 4931** Health Care Ethics
- **PHI 3636** Professional Ethics (course can be applied to tier one or concentration not both)
- **PUP 4002** Public Policy
- **SYO 4400** Medical Sociology

Two SPC, MMC and/or COM courses may apply to this concentration:

- **SPC 3710** Communication and Cultural Diversity
- **SPC 4930** Selected Topics
  - Patient Provider Communication
  - Intercultural Health Communication

*See Health Sciences Advisor for approval.*
AGING HEALTH STUDIES AND HEALTH INFORMATION TECHNOLOGY (HIT) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN AGING HEALTH STUDIES AND HEALTH INFORMATION TECHNOLOGY

TOTAL CONCENTRATION HOURS: 64

CONCENTRATION CORE (30 HOURS)

Aging Health Studies courses (students must take 15 hours from this list):

- BSC 3022 Biology of Aging
- GEY 3601 Physical Changes and Aging
- GEY 4322 Care Management for Older Adults
- GEY 4360 Counseling for Older Adults
- GEY 4507 Understanding Policies and Practices of Long Term Care
- GEY 4608 Alzheimer's Disease Management
- GEY 4628 Health, Ethnicity, and Aging
- GEY 4641 Death and Dying
- GEY 4935 Special Topics in Gerontology*
- HSC 4211 Health, Behavior & Society
- HSC 4630 Understanding U.S. Healthcare
- LIS 4930 Selected Topics in Information Studies*
- MHS 4931 Selected Topics*
- PAD 4930 Selected Topics in Public Administration and Public Policy*
- PHC 4931 Health Care Ethics
- SOW 3210 The American Social Welfare System
- SPA 3002 Introduction to Communication Sciences and Disorders
- SPA 4257 Adult Communication Disorders

Health Information Technology courses (students must take 15 hours from this list):

- ISM 3113 Systems Analysis and Design
- LIS 3261 Introduction to Information Science
- LIS 3352 Interaction Design
- LIS 3353 IT Concepts for Information Professionals
- LIS 3361 World Wide Web Page Design and Management
- LIS 3783 Information Architecture
- LIS 4204 Information Behaviors
- LIS 4365 Web Design Technologies
- LIS 4380 Information and Social Media
- LIS 4414 Information Policy and Ethics
- LIS 4477 Clinical Decision Support
- LIS 4482 Networks and Communication
- LIS 4776 Health Information Technology
- LIS 4779 Health Information Security
- LIS 4785 Introduction to Health Informatics
- LIS 4930 Selected Topics in Information Studies*
- PAD 4712 Managing Information Resources in the Public Sector
- SPC 4930 Selected Topics: Online Communication

*See Health Sciences Advisor for approval.
SOCIAL AND BEHAVIORAL HEALTH SCIENCES AND HEALTH MANAGEMENT (HMG) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN SOCIAL AND BEHAVIORAL HEALTH SCIENCES AND HEALTH MANAGEMENT

TOTAL CONCENTRATION HOURS: 64

CONCENTRATION CORE (30 HOURS)

Social and Behavioral Health Sciences courses (students must take 15 hours from this list):

- CLP 4143 Abnormal Psychology
- COM 4020 Communicating Illness, Grief and Loss
- COM 4021 Family Communication and the End of Life
- COM 4022 Health Communication
- COM 4225 Global and Cultural Issues in Health Communication
- COM 4702 Communication, Language, and Mental Illness
- HSC 4172 Women's Health: A Public Health Perspective
- HSC 4211 Health, Behavior and Society
- HSC 4579 Foundations of Maternal and Child Health
- HSC 4631 Critical Issues in Public Health
- HSC 4933 Special Topics in Public Health*
- LIS 4930 Selected Topics in Information Studies*
- MHS 4022 Adult Psychopathology in the Community
- MHS 4452 Co-Occurring Disorders
- MHS 4490 Behavioral Healthcare Issues for Children
- PAD 4930 Selected Topics in Public Administration and Public Policy*
- PHI 4930 Selected Topics*
- SOP 4330 Social Psychology of HIV/AIDS
- SOW 3102 Human Behavior and the Social Environment II
- SOW 3203 Introduction to Social Work
- SOW 3210 The American Social Welfare System
- SPC 4305 Communicating Emotions
- SPC 4321 Communication and Aging
- SPC 4930 Selected Topics in Communication*
- SYO 4400 Medical Sociology
- WST 4320 Politics and Issues in Women's Health

Mental Health Cluster (courses for students interested in mental health professions)

- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4002 Behavioral Health Systems Delivery
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in BHC
- MHS 4931 Selected Topics*

Substance Abuse Cluster (courses for students interested in substance abuse counseling and treatment professions)

- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in BHC
- MHS 4931 Selected Topics*
- PSB 3444 Drugs and Behavior
Health Management courses (students must take 15 hours from this list):

- ACG 2071 Principles of Managerial Accounting
- GEY 4635 Business Management in an Aging Society
- HSC 4211 Health, Behavior & Society
- HSC 4624 Foundations of Global Health
- HSC 4630 Understanding U.S. Health Care
- HSC 4631 Critical Issues in Public Health
- HSC 4933 Special Topics in Public Health*
- LIS 4930 Selected Topics in Information Studies*
- MAN 3025 Principles of Management
- MMC 4936 Selected Topics in Health Communications and Media*
- PAD 3003 Introduction to Public Administration
- PAD 4204 Public Financial Administration
- PAD 4415 Personnel & Supervision in Today's Diverse Organizations
- PAD 4712 Managing Information Resources in the Public Sector
- PAD 4930 Selected Topics in Public Administration and Public Policy*
- PHC 4101 Overview of Public Health Programs and Policies
- PHC 4931 Health Care Ethics
- PHI 3636 Professional Ethics (course can be applied to tier one or concentration not both)
- PUP 4002 Public Policy
- SYO 4400 Medical Sociology

Two SPC, MMC and/or COM course may apply to this concentration:

- SPC 3710 Communication and Cultural Diversity
- SPC 4930 Selected Topics
  - Patient Provider Communication
  - Intercultural Health Communication

*See Health Sciences Advisor for approval.

**HEALTH MANAGEMENT AND HEALTH INFORMATION TECHNOLOGY (HMT) CONCENTRATION**

**REQUIREMENTS FOR THE CONCENTRATION IN HEALTH MANAGEMENT AND HEALTH INFORMATION TECHNOLOGY**

**TOTAL CONCENTRATION HOURS: 64**

**CONCENTRATION CORE (30 HOURS)**

Health Management courses (students must take 15 hours from this list):

- ACG 2071 Principles of Managerial Accounting
- GEY 4635 Business Management in an Aging Society
- HSC 4211 Health, Behavior and Society
- HSC 4624 Foundations of Global Health
- HSC 4630 Understanding U.S. Health Care
- HSC 4631 Critical Issues in Public Health
- HSC 4933 Special Topics in Public Health*
- LIS 4930 Selected Topics in Information Studies*
- MAN 3025 Principles of Management
- MMC 4936 Selected Topics in Health Communications and Media*
- PAD 3003 Introduction to Public Administration
- PAD 4204 Public Financial Administration
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- **PAD 4415** Personnel & Supervision in Today's Diverse Organizations
- **PAD 4712** Managing Information Resources in the Public Sector
- **PAD 4930** Selected Topics in Public Administration and Public Policy*
- **PHC 4101** Overview of Public Health Programs and Policies
- **PHC 4931** Health Care Ethics
- **PHI 3636** Professional Ethics (course can be applied to tier one or concentration not both)
- **PUP 4002** Public Policy
- **SYO 4400** Medical Sociology

Two SPC, MMC and/or COM course may apply to this concentration:

- **SPC 3710** Communication and Cultural Diversity
- **SPC 4930** Selected Topics
  - Patient Provider Communication
  - Intercultural Health Communication

Health Information Technology courses (students must take 15 hours from this list):

- **ISM 3113** Systems Analysis and Design
- **LIS 3261** Introduction to Information Science
- **LIS 3352** Interaction Design
- **LIS 3353** IT Concepts for Information Professionals
- **LIS 3361** World Wide Web Page Design and Management
- **LIS 3783** Information Architecture
- **LIS 4204** Information Behaviors
- **LIS 4365** Web Design Technologies
- **LIS 4380** Information and Social Media
- **LIS 4414** Information Policy and Ethics
- **LIS 4477** Clinical Decision Support
- **LIS 4482** Networks and Communication
- **LIS 4776** Health Information Technology
- **LIS 4779** Health Information Security
- **LIS 4785** Introduction to Health Informatics
- **LIS 4930** Selected Topics in Information Studies*
- **PAD 4712** Managing Information Resources in the Public Sector
- **SPC 4930** Selected Topics: Online Communication

*See Health Sciences Advisor for approval.

SOCIAL AND BEHAVIORAL HEALTH SCIENCES AND AGING HEALTH STUDIES (HSA) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN SOCIAL AND BEHAVIORAL HEALTH SCIENCES AND AGING HEALTH STUDIES

TOTAL CONCENTRATION HOURS: 64

CONCENTRATION CORE (30 HOURS)

Social and Behavioral Health Sciences courses (students must take 15 hours from this list):

- **CLP 4143** Abnormal Psychology
- **COM 4020** Communicating Illness, Grief and Loss
- **COM 4021** Family Communication and the End of Life
- **COM 4022** Health Communication
- **COM 4225** Global and Cultural Issues in Health Communication
- **COM 4702** Communication, Language, and Mental Illness
- HSC 4172 Women's Health: A Public Health Perspective
- HSC 4211 Health, Behavior and Society
- HSC 4579 Foundations of Maternal and Child Health
- HSC 4631 Critical Issues in Public Health
- HSC 4933 Special Topics in Public Health*
- LIS 4776 Health Information Technology
- LIS 4930 Selected Topics in Information Studies*
- MHS 4022 Adult Psychopathology in the Community
- MHS 4452 Co-Occurring Disorders
- MHS 4490 Behavioral Healthcare Issues for Children
- PAD 4930 Selected Topics in Public Administration and Public Policy*
- PHI 4930 Selected Topics*
- SOP 4330 Social Psychology of HIV/AIDS
- SOW 3102 Human Behavior and the Social Environment II
- SOW 3203 Introduction to Social Work
- SOW 3210 The American Social Welfare System
- SPC 4305 Communicating Emotions
- SPC 4321 Communication and Aging
- SPC 4930 Selected Topics in Communication*
- SYO 4400 Medical Sociology
- WST 4320 Politics and Issues in Women's Health

**Mental Health Cluster (courses for students interested in mental health professions)**

- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4002 Behavioral Health Systems Delivery
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in Behavioral Healthcare
- MHS 4931 Selected Topics*

**Substance Abuse Cluster (courses for students interested in substance abuse counseling and treatment professions)**

- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in Behavioral Healthcare
- MHS 4931 Selected Topics*
- PSB 3444 Drugs and Behavior

Aging Health Studies courses (students must take 15 hours from this list):

- BSC 3022 Biology of Aging
- GEY 3601 Physical Changes and Aging
- GEY 4322 Care Management for Older Adults
- GEY 4360 Counseling for Older Adults
- GEY 4507 Understanding Policies and Practices of Long Term Care
- GEY 4608 Alzheimer's Disease Management
- GEY 4628 Health, Ethnicity, and Aging
- GEY 4641 Death and Dying
- GEY 4935 Special Topics in Gerontology*
- HSC 4211 Health, Behavior & Society
- HSC 4630 Understanding U.S. Healthcare
- LIS 4930 Selected Topics in Information Studies*
- MHS 4931 Selected Topics*
- PAD 4930 Special Topics in Public Administration and Public Policy*
- PHC 4931 Health Care Ethics
- SOW 3210 The American Social Welfare System
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- SPA 3002 Introduction to Communication Sciences and Disorders
- SPA 4257 Adult Communication Disorders

*See Health Sciences Advisor for approval.

BIOLOGICAL HEALTH SCIENCES AND SOCIAL AND BEHAVIORAL HEALTH SCIENCES (HSB) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN BIOLOGICAL HEALTH SCIENCES AND SOCIAL AND BEHAVIORAL HEALTH SCIENCES

TOTAL CONCENTRATION HOURS: 64

CONCENTRATION CORE (30 HOURS)

Biological Health Sciences courses (students must take 15 hours from this list):

- ANT 4462 Health, Illness, and Culture
- ANT 4520C Forensic Anthropology
- APK 3120 Exercise Physiology
- BSC 3022 Biology of Aging
- BSC 4933 Selected Topics in Biology*
- CHM 2023 Chemistry for Today
- CHM 2045 General Chemistry I and CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II and CHM 2046L General Chemistry II Laboratory
- GEY 3601 Physical Changes and Aging
- HSC 4430 Occupational Health and Safety
- HSC 4504 Foundations of Public Health Immunology
- HSC 4551 Survey of Human Diseases
- HSC 4573 Foundations of Food Safety
- HSC 4624 Foundations of Global Health
- HSC 4933 Special Topics in Public Health*
- HUN 3272 Sports Nutrition
- HUN 3296 Nutrition and Disease
- LIS 4785 Introduction to Health Informatics
- LIS 4930 Selected Topics in Information Studies*
- MCB 3020 General Microbiology
- MCB 3020L General Microbiology Laboratory
- PCB 3063 General Genetics
- PCB 3063L General Genetics Laboratory
- PHC 3302 Introduction to Environmental & Occupational Health
- PHC 3320 Environmental Health Science
- PHC 4030 Introduction to Epidemiology
- PHC 4101 Overview of Public Health Programs and Policies
- PHY 2020 Conceptual Physics or PHY 2053/PHY 2053L General Physics I with Lab
- PHY 2054/PHY 2054L General Physics II with Lab
- SPC 4930 Selected Topics in Communication*
- ZOO 4512 Sociobiology

Communication Sciences & Disorders Cluster (These courses are recommended for students interested in pursuing graduate degrees in communication sciences)

- SPA 3002 Introduction to Communication Sciences and Disorders
- SPA 3004 Introduction to Language Development and Disorders
- SPA 3030 Introduction to Hearing Science
Social and Behavioral Health Sciences courses (students must take 15 hours from this list):

- **CLP 4143** Abnormal Child Psychology
- **COM 4020** Communicating Illness, Grief and Loss
- **COM 4021** Family Communication and the End of Life
- **COM 4022** Health Communication
- **COM 4225** Global and Cultural Issues in Health Communication
- **COM 4702** Communication, Language, and Mental Illness
- **HSC 4172** Women's Health: A Public Health Perspective
- **HSC 4211** Health, Behavior and Society
- **HSC 4579** Foundations of Maternal and Child Health
- **HSC 4631** Critical Issues in Public Health
- **HSC 4933** Special Topics in Public Health*
- **LIS 4776** Health Information Technology
- **LIS 4930** Selected Topics in Information Studies*
- **MHS 4002** Behavioral Health Systems Delivery
- **MHS 4408** Exemplary Practices in Behavioral Healthcare Treatment
- **MHS 4452** Co-Occurring Disorders
- **MHS 4490** Behavioral Healthcare Issues for Children
- **MHS 4491** Behavioral Healthcare Services
- **MHS 4931** Selected Topics*
- **PSB 3444** Drugs and Behavior

*Mental Health Cluster (courses for students interested in mental health professions)*

- **MHS 3411** Multidisciplinary Behavioral Healthcare Services
- **MHS 4002** Behavioral Health Systems Delivery
- **MHS 4408** Exemplary Practices in Behavioral Healthcare Treatment
- **MHS 4703** Legal, Ethical and Professional Issues in BHC
- **MHS 4931** Selected Topics*

*Substance Abuse Cluster (courses for students interested in substance abuse counseling and treatment professions)*

- **MHS 3411** Multidisciplinary Behavioral Healthcare Services
- **MHS 4408** Exemplary Practices in Behavioral Healthcare Treatment
- **MHS 4703** Legal, Ethical and Professional Issues in Behavioral Healthcare
- **MHS 4931** Selected Topics*
- **PSB 3444** Drugs and Behavior

*See Health Sciences Advisor for approval.
SOCIAL AND BEHAVIORAL HEALTH SCIENCES AND HEALTH INFORMATION TECHNOLOGY (HST) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN SOCIAL AND BEHAVIORAL HEALTH SCIENCES AND HEALTH INFORMATION TECHNOLOGY

TOTAL CONCENTRATION HOURS: 64

CONCENTRATION CORE (30 HOURS)

Social and Behavioral Health Sciences courses (students must take 15 hours from this list):

- CLP 4143 Abnormal Psychology
- COM 4020 Communicating Illness, Grief and Loss
- COM 4021 Family Communication and the End of Life
- COM 4022 Health Communication
- COM 4225 Global and Cultural Issues in Health Communication
- COM 4702 Communication, Language, and Mental Illness
- HSC 4172 Women's Health: A Public Health Perspective
- HSC 4211 Health, Behavior and Society
- HSC 4579 Foundations of Maternal and Child Health
- HSC 4631 Critical Issues in Public Health
- HSC 4933 Special Topics in Public Health
- LIS 4776 Health Information Technology
- LIS 4930 Selected Topics in Information Studies
- MHS 4022 Adult Psychopathology in the Community
- MHS 4452 Co-Occurring Disorders
- MHS 4490 Behavioral Healthcare Issues for Children
- PAD 4930 Selected Topics in Public Administration and Public Policy
- PHI 4930 Selected Topics
- SOP 4330 Social Psychology of HIV/AIDS
- SOW 3102 Human Behavior and the Social Environment II
- SOW 3203 Introduction to Social Work
- SOW 3210 The American Social Welfare System
- SPC 4305 Communicating Emotions
- SPC 4321 Communication and Aging
- SPC 4930 Selected Topics in Communication
- SYO 4400 Medical Sociology
- WST 4320 Politics and Issues in Women's Health

Mental Health Cluster (courses for students interested in mental health professions)

- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4002 Behavioral Health Systems Delivery
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in BHC
- MHS 4931 Selected Topics

Substance Abuse Cluster (courses for students interested in substance abuse counseling and treatment professions)

- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in BHC
- MHS 4931 Selected Topics
- PSB 3444 Drugs and Behavior
Health Information Technology courses (students must take 15 hours from this list):

- **ISM 3113** Systems Analysis and Design
- **LIS 3261** Introduction to Information Science
- **LIS 3352** Interaction Design
- **LIS 3353** IT Concepts for Information Professionals
- **LIS 3361** World Wide Web Page Design and Management
- **LIS 3783** Information Architecture
- **LIS 4204** Information Behaviors
- **LIS 4365** Web Design Technologies
- **LIS 4380** Information and Social Media
- **LIS 4414** Information Policy and Ethics
- **LIS 4477** Clinical Decision Support
- **LIS 4482** Networks and Communication
- **LIS 4776** Health Information Technology
- **LIS 4779** Health Information Security
- **LIS 4785** Introduction to Health Informatics
- **LIS 4930** Selected Topics in Information Studies*
- **PAD 4712** Managing Information Resources in the Public Sector
- **SPC 4930** Selected Topics: Online Communication

*See Health Sciences Advisor for approval.

**B.A. - HISTORY (HTY)**

**(CIP = 54.0101)**

**TOTAL DEGREE HOURS: 120**

[http://history.usf.edu/ug/ba/](http://history.usf.edu/ug/ba/)

The discipline of history embraces a diverse world of ideas, peoples, and events. Our faculty seeks to inform and to question, to provoke and to challenge our students to a higher level of understanding of the past. History at the University of South Florida offers the student an opportunity to explore civilizations from around the globe and from the ancient through contemporary eras. We encourage our students to move beyond traditional memorization of material to a critical level of thinking, analysis, and synthesis. Accomplished history majors are attractive to all kinds of employers in any number of fields, as well as to graduate and professional schools. USF history alumni can be found in such diverse professions as law, medicine, business, government, foreign service, politics, and education.

**STATE MANDATED COMMON COURSE PREREQUISITES**

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida college System institution, they must be completed before the degree is granted.

- **AFH XXXX or AMH XXXX or EUH XXXX or WOH XXXX or LAH XXXX or ASH XXXX or HIS XXXX**
- **AFH XXXX or AMH XXXX or EUH XXXX or WOH XXXX or LAH XXXX or ASH XXXX or HIS XXXX**
REQUIREMENTS FOR THE MAJOR IN HISTORY

TOTAL MAJOR HOURS: 33

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (33 HOURS)

A minimum of 33 semester hours of History Department courses are required to earn a B.A. degree in History.

Lower-Level Course Requirements for the Major (9 credit hours):

Students must complete a minimum total of 9 hours of 2000-level courses, or their equivalent, to meet the lower level requirements of the major. Completing the lower-level requirement of the major also satisfies the common prerequisite requirements.

- AMH 2010 American History I
- AMH 2020 American History II
- ASH 2270 Southeast Asian History
- EUH 2011 Ancient History I
- EUH 2012 Ancient History II
- EUH 2021 Byzantine Empire
- EUH 2022 The Medieval West
- EUH 2030 Modern European History I
- EUH 2031 Modern European History II
- HIS 2931 Special Topics
- IDS 2192: Global History and Politics since 1945
- LAH 2020 Latin American Civilization
- WOH 2022 Global History Since 1750

Upper-Level Course Requirements for the Major (18 credit hours)

Students must complete a minimum of 18 hours of 3000-level courses, or their equivalent, to fulfill the intermediate-level requirements of the major. Students may take a maximum of three (3) sections of HIS 3938 (Major Issues in History) as part of this requirement. Courses may include (but are not limited to):

- AFH 3100 African History to 1850
- AFH 3200 African History since 1850
- AMH 3098 Race in America
- AMH 3110 American Colonial History to 1750
- AMH 3130 The American Revolutionary Era
- AMH 3140 The Age of Jefferson
- AMH 3160 The Age of Jackson
- AMH 3170 The Civil War and Reconstruction
- AMH 3201 The United States, 1877-1914
- AMH 3231 The United States, 1914-1945
- AMH 3270 The United States since 1945
- AMH 3341 American Food & Drink History
- AMH 3342 Globalization and U.S. Culture
- AMH 3390 19th Century American History
- AMH 3402 Southern History, 1607-1865
- AMH 3403 The South since 1865
- AMH 3421 Early Florida
- AMH 3423 Modern Florida
- AMH 3500 American Labor
- AMH 3512 U.S. Foreign Relations
- AMH 3530 Immigration History
- AMH 3533 The Irish in America
- AMH 3545 War and American Empire
- AMH 3561 American Women I
- AMH 3562 American Women II
- AMH 3571 African American History to 1865
- AMH 3572 African American History since 1865
- AMH 4940 Early American History and Archaeology Internship
- ASH 3404 Modern China
- EUH 3142 Renaissance and Reformation
- EUH 3181 Medieval Culture
- EUH 3185 Viking History
- EUH 3188 Medieval Society
- EUH 3189 Medieval Politics
- EUH 3202 History of the 17th and 18th Century Europe
- EUH 3205 History of Nineteenth Century Europe
- EUH 3206 History of Twentieth Century Europe
- EUH 3401 Classical Greece
- EUH 3402 Age of Alexander
- EUH 3412 Roman Republic
- EUH 3413 Roman Empire
- EUH 3451 Modern France and its Empire
- EUH 3462 German History 1870 to the Present
- EUH 3501 British History to 1688
- EUH 3502 British History to Present
- EUH 3533 Celtic History
- EUH 3575 History of Imperial Russia, 1689-1717
- EUH 3676 Christians, Pagans, Heretics
- HIS 3308 War and Society
- HIS 3930 Special Topics
- HIS 3938 Major Issues in History
- HIS 4900 Directed Reading
- HIS 4920 Colloquium in History
- HIS 4940 Internship
- HUM 2593 Science in Cultural Context (if section is taught by History Faculty)
- LAH 3130 Colonial Latin America
- LAH 3200 Modern Latin America
- LAH 3430 History of Mexico
- LAH 3470 History of the Caribbean
- LAH 3480 History of Cuba
- LIT 3410 Religious and Philosophical Themes (if section is taught by History Faculty)
- WOH 3209 History of Terrorism
- WOH 3245 History of Sports
- WOH 3293 Islam in World History
- WST 3210 European Feminist History: Pre-18th Century
- WST 3220 European Feminist History: Enlightenment to the Present
- WST 4310 History of Feminism in the U.S.

Upper-Level Course Requirements for the Major – Permits required (6 credit hours):

Students must complete a minimum of 6 hours of 3000 or 4000-level courses, or their equivalent to fulfill the upper-level requirements of the major. These courses fall into two categories (as described below). These courses should not be taken in the same semester.
Category 1: Students must take one 3000- or 4000-level course that focuses on research skills, practical experiences, professional development, or historical methods. This course should be selected in consultation with the Academic Advisor, according to the student's professional and postgraduate goals. Examples of these courses include (but are not limited to):

- **HIS 4104**: Theory and Methods of History. This course introduces history majors to the theories, methods, approaches, and key debates that are central to the modern historical profession. Students also develop skills in historical research, reading, writing, and oral communication. Students interested in applying to graduate programs in History, at the MA or PhD levels should consider taking either Theory and Methods of History or a second Pro-Seminar.

- **HIS 4936**: Pro-Seminar (a second section; one is required - see below). History majors will complete research papers in the HIS 4936 Seminar courses. Students are also encouraged to work with the Office for Undergraduate Research to participate in their annual Undergraduate Research Symposium. Also, students are encouraged to attend or present research papers at conferences, such as the annual Phi Alpha Theta regional conference. Students interested in applying to graduate programs in History, at the MA or PhD levels, should consider taking either Theory and Methods of History or a second Pro-Seminar.

- 3000- or 4000-level Digital Humanities: Students interested in learning skills related to digital tools and technologies, and exploring how they are applied to different academic fields and professions, should consider taking a Digital Humanities course at the 3000- or 4000-level.

- **HIS 4940**: Internship in History: The USF History department encourages students to take part in internships, and offers several for-credit opportunities within the major. Currently, the History department has a variety of internship partners available, including museums and historical societies. Potential internship activities can include working with collections, processing archival materials, research, leading guided tours, and building exhibits. Students will work closely with the undergraduate advisor and faculty coordinator to select internship opportunities.

AND

Category 2: **HIS 4936**: Pro-Seminar. History majors will complete research papers in the HIS 4936 Seminar courses. Students are also encouraged to work with the Office for Undergraduate Research to participate in their annual Undergraduate Research Symposium. Also, students are encouraged to attend or present research papers at conferences, such as the annual Phi Alpha Theta regional conference.

MAJOR ELECTIVES

For elective hours outside of the major, it is recommended that History majors take:

- **HUM 2593**: Science in Cultural Context
- **IDS 2192**: Global History and Politics Since 1945
- **LIT 3410**: Religious and Philosophical Themes

Additional hours can be profitably drawn from the following disciplines: Africana Studies, Anthropology, Classics, Economics, Geography, School of Interdisciplinary Global Studies, Philosophy, Religious Studies, Sociology, Women's Studies, Literature, Humanities and Cultural Studies, and Art History.

GPA REQUIREMENTS

A Major GPA of at least 2.00 is necessary for graduation.

GRADING REQUIREMENT

A minimum grade of C- or better must be attained in each course counted toward the 33-hour requirement.

RESIDENCY REQUIREMENT

The B.A. degree in History from USF requires that 50 percent of the major coursework be completed at the USF campus. This rule will be strictly enforced.
RESEARCH OPPORTUNITIES

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

OTHER INFORMATION

Students are encouraged to join the History Honor Society - Phi Alpha Theta. Membership applications are available at the History Department office, SOC 260.

ADVISING INFORMATION

Undergraduate Advisor, History Department; Location: Social Science Building (SOC) 265. HistoryAdvise@usf.edu

HISTORY FACULTY


B.A. - HUMANITIES AND CULTURAL STUDIES (HCS)

(CIP = 24.0103)

TOTAL DEGREE HOURS: 120

http://humanities.usf.edu/undergraduate/ba/

The Humanities program offers an interdisciplinary curriculum that investigates the visual arts, music, and literature, and the cultures from which they emerge.

STATE MANDATED COMMON COURSE PREREQUISITES

Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the University’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for this program. All Florida College System students are encouraged to complete the Associate degree. Students should consult with an academic advisor in their major degree area at the intended transfer institution.

REQUIREMENTS FOR THE MAJOR IN HUMANITIES AND CULTURAL STUDIES

TOTAL MAJOR HOURS: 9

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (9 HOURS)

Students must complete the following required courses for the major (9 credit hours):

- HUM 3804 Introduction to Cultural Studies
- HUM 4331 Humanities Pro-Seminar
- HUM 4931 Seminar in Humanities
Students choose one 27 credit-hour concentration from the following list of concentrations:

- American Studies
- Film and New Media Studies
- Humanities

GPA REQUIREMENTS

Minimum 2.0 GPA.

COURSE GRADE REQUIREMENT

Students must pass HUM 3804 with a B- in order to enroll in HUM 4331. Students must pass HUM 4331 with at least a C- to register for HUM 4931.

RESEARCH OPPORTUNITIES

The Humanities major offers six credit hours of undergraduate research through the senior-year sequence (HUM 4331 and HUM 4931).

INTERNERSHIP OPPORTUNITIES

The Department of Humanities & Cultural Studies (HCS) offers an internship for Tampa-based, degree-seeking students declared as HUM or AMS majors and who have earned at least 12 credit hours of approved courses in the major prior to starting the internship. This internship consists of supervised work-and-learning experience in humanities and cultural issues under the direction of a University faculty member/administrator and an employee of a participating sponsor organization. The internship counts as a major elective. Specifically, it counts as a “concentration” course for HUM majors, an upper-level elective for AMS majors, and an “interdisciplinary cultural studies” course for HUM majors who are pursuing a track in film & new media studies.

Students participating in the internship must enroll in the HUM 4940 Internship in Humanities & Cultural Studies class (and, in some instances, AMS 4940 to make sure the credits equal 3). This class earns up to 3 semester hours of academic credit. Students report to the HCS Internship Coordinator weekly through formal status reports via webform. A final professional portfolio and final reflection paper are significant parts of this experience.

For more information please visit the Department's internship page: http://humanities.usf.edu/internships/.

ACCELERATED B.A. /M.A. PROGRAM

Accelerated B.A. in Humanities and Cultural Studies with a concentration in Film and New Media Studies and M.A. in Liberal Arts with a concentration in Film Studies

This program intends for students to complete a B.A. in Humanities and Cultural Studies with a concentration in Film and New Media Studies and M.A. Liberal Arts with a concentration in Film Studies over the span of five years. Completion of this program allows students to complete 12 credit hours toward the M.A. in during their junior or senior year in the Humanities and Cultural Studies major. Students who decide not to pursue the M.A. but who complete the B.A. requirements will receive the B.A. degree.

HUMANITIES AND CULTURAL STUDIES FACULTY

Chairperson: A. Berish; Professor: R.E. Snyder, W. Cummings; Associate Professors: D. Belgrad, M. Cizmic, A. Cozzi, W. Cummings; J. D’Emilio, R. May, B. Sadler; Assistant Professors: S. Ferguson, A. Rust; Professors Emeriti: C.B. Cooper, S.L. Gaggi, G.S. Kashdin, D. Rutenberg; Instructors: S. Dykins Callahan, B. Cook, B. Goldberg, C. Rinck.
# AMERICAN STUDIES (AMSC) CONCENTRATION

The American Studies concentration is an interdisciplinary concentration dealing with the study of the United States.

## REQUIREMENTS FOR THE CONCENTRATION IN AMERICAN STUDIES

### TOTAL CONCENTRATION HOURS: 36

### CONCENTRATION CORE (9 HOURS)

<table>
<thead>
<tr>
<th>Required courses for the concentration:</th>
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<tbody>
<tr>
<td>- AMS 2030 Introduction to American Studies</td>
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<tr>
<td>- AMS 2270 Twentieth-Century American Culture</td>
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Students select one course from the following list:

| - FIL 1002 Introduction to Film Studies |
| - HUM 2522 Introduction to the Cultural Study of Popular Music |

### Concentration Electives (18 hours)

Students take an additional 18 credit hours of upper-level coursework from Humanities and Cultural Studies courses.

## ACCELERATED B.A. /M.A. PROGRAM

**Accelerated B.A. in Humanities and Cultural Studies with a concentration in Film and New Media Studies and M.A. in Liberal Arts with a concentration in Film Studies**

This program intends for students to complete a B.A. in Humanities and Cultural Studies with a concentration in Film and New Media Studies and M.A. Liberal Arts with a concentration in Film Studies over the span of five years. Completion of this program allows students to complete 12 credit hours toward the M.A. in during their junior or senior year in the Humanities and Cultural Studies major. Students who decide not to pursue the M.A. but who complete the B.A. requirements will receive the B.A. degree.

# FILM AND NEW MEDIA STUDIES (FMSC) CONCENTRATION

The Film and New Media Studies concentration is designed to teach students how to think actively, critically, and creatively, about the art of the moving image. To this end, it surveys significant examples of moving-image culture, including films from Hollywood and other global industries; experiments in documentary, avant-garde, and art cinema; and works from television, digital video, and the Internet.

## REQUIREMENTS FOR THE CONCENTRATION IN FILM AND NEW MEDIA STUDIES

### TOTAL CONCENTRATION HOURS: 36

### CONCENTRATION CORE (12 HOURS)

<table>
<thead>
<tr>
<th>Required courses for the concentration:</th>
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<tbody>
<tr>
<td>- FIL 1002 Introduction to Film Studies</td>
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<tr>
<td>- FIL 3052 Foundations of Film &amp; New Media</td>
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<tr>
<td>- FIL 3077 Contemporary Film &amp; New Media</td>
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</tbody>
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Students select one course from the following list:

| - AMS 2270 Twentieth-Century American Culture |
| - HUM 2250 Studies in Culture: The Twentieth Century |

### Concentration Electives (15 hours)
Students take an additional 15 credit hours of upper-level coursework from Humanities and Cultural Studies with an AMS, FIL, or HUM prefix.

**ACCELERATED B.A. /M.A. PROGRAM**

Accelerated B.A. in Humanities and Cultural Studies with a concentration in Film and New Media Studies and M.A. in Liberal Arts with a concentration in Film Studies

This program intends for students to complete a B.A. in Humanities and Cultural Studies with a concentration in Film and New Media Studies and M.A. Liberal Arts with a concentration in Film Studies over the span of five years. Completion of this program allows students to complete 12 credit hours toward the M.A. in during their junior or senior year in the Humanities and Cultural Studies major. Students who decide not to pursue the M.A. but who complete the B.A. requirements will receive the B.A. degree.

**HUMANITIES (HUMC) CONCENTRATION**

The Humanities concentration is the study of humanity itself and uses specifically the seven arts to investigate and analyze the fundamental human activities. The seven arts which include painting, sculpture, architecture, music, dance, literature, theatre, and cinema are the branches of learning responsible for human sentiments, aspirations and opinions.

**REQUIREMENTS FOR THE CONCENTRATION IN HUMANITIES**

**TOTAL CONCENTRATION HOURS: 36**

**CONCENTRATION CORE (9 HOURS)**

Students select two courses from the following list:

- **AMS 2270** Twentieth-Century American Culture
- **HUM 2210** Studies in Culture: The Classical Through Medieval Periods
- **HUM 2230** European Humanities: Renaissance - 20th Century
- **HUM 2250** Studies in Culture: The Twentieth Century
- **HUM 2273** Eastern and Western Culture Since 1400

Students select one course from the following list:

- **FIL 1002** Introduction to Film Studies
- **HUM 2522** Introduction to the Cultural Study of Popular Music

**Concentration Electives (18 hours)**

Students take an additional 18 credit hours of upper-level coursework from Humanities and Cultural Studies courses.

**ACCELERATED B.A. /M.A. PROGRAM**

Accelerated B.A. in Humanities and Cultural Studies with a concentration in Film and New Media Studies and M.A. in Liberal Arts with a concentration in Film Studies

This program intends for students to complete a B.A. in Humanities and Cultural Studies with a concentration in Film and New Media Studies and M.A. Liberal Arts with a concentration in Film Studies over the span of five years. Completion of this program allows students to complete 12 credit hours toward the M.A. in during their junior or senior year in the Humanities and Cultural Studies major. Students who decide not to pursue the M.A. but who complete the B.A. requirements will receive the B.A. degree.
The Bachelor of Science in Information Studies program is meant to prepare students for leadership careers in a wide array of environments and contexts related to the emerging knowledge economy. Concentrations are available in four high-demand job areas: Information Security, Health Informatics, Data Science and Analytics, and Information Science and Technology. The program integrates critical skills in information technology with the solid theoretical and disciplinary foundations of Information Science. Emphasis is given to understanding how people interact with information and technology; the complexities of the information society; information creation, storage, and organization applications and theories; information architecture; and related knowledge and skills needed to design, implement, and evaluate new tools and approaches to solve emerging information problems.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- PSY XXXX Any Psychology course
- STA X023 Introductory Statistics I or STA X122
- ECO X013 Principles of Economics (Macroeconomics)
- CGS XXXX Any Database Course
- COP XXXX Any Computer Programming course
- COP XXXX Any Object-Oriented Computer Programming course
- MAC XXXX Any Pre-Calculus or Discrete Math course
- PHI XXXX Any General Ethics course

REQUIREMENTS FOR THE MAJOR IN INFORMATION STUDIES

TOTAL MAJOR HOURS: 39

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (18 HOURS)

Students admitted to the program prior to the Fall 2011 semester follow previous catalog guidelines.

- LIS 3261 Introduction to Information Science
- LIS 3353 IT Concepts for Information Professionals
- LIS 4204 Information Behaviors
- LIS 4414 Information Policy and Ethics

Exit Courses (6 credits):
MAJOR ELECTIVES (21 HOURS)

Students must choose one of the following 21 credit hour concentrations:

- Data Science and Analytics
- Health Informatics
- Information Science and Technology
- Information Security

RESEARCH OPPORTUNITIES

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

INFORMATION STUDIES FACULTY


DATA SCIENCE AND ANALYTICS (IDSC) CONCENTRATION

TOTAL CONCENTRATION HOURS: 39

CONCENTRATION CORE (18 HOURS)

Area of emphasis in deep knowledge discovery through data exploration, analysis, and inference.

- LIS 4273 Advanced Statistics and Analytics
- LIS 4317 Introduction to Visual Analytics
- LIS 4370 R Programming for Data Science
- LIS 4761 Introduction to Data & Text Mining
- LIS 4800 Introduction to Data Science
- LIS 4805 Predictive Analytics

Concentration Electives (3 hours)

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

- LIS 2005 Information Literacy
- LIS 3352 Interaction Design
- LIS 3361 World Wide Web Page Design and Management
- LIS 3783 Information Architecture
- LIS 4029 Professional & Technical Communication for Analysts
- LIS 4365 Web Design Technologies
- LIS 4482 Networks and Communication
- LIS 4477 Clinical Decision Support
HEALTH INFORMATICS (IHIC) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN HEALTH INFORMATICS

TOTAL CONCENTRATION HOURS: 39

CONCENTRATION CORE (18 HOURS)

Areas of emphasis: design, development, adoption, and application of IT-based innovations in healthcare services delivery, management, and planning.

- LIS 4477 Clinical Decision Support
- LIS 4482 Networks and Communication
- LIS 4776 Health Information Technology
- LIS 4779 Health Information Security
- LIS XXXX
- LIS 4785 Introduction to Health Informatics

Concentration Electives (3 hours)

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

- LIS 2005 Library and Internet Research Sills
- LIS 3352 Interaction Design
- LIS 3361 World Wide Web Page Design and Management
- LIS 3783 Information Architecture
- LIS 4029 Professional & Technical Communication for Analysts
- LIS 4273 Advanced Statistics and Analytics
- LIS 4317 Introduction to Visual Analytics
- LIS 4365 Web Design Technologies
- LIS 4370 R Programming for Data Science
- LIS 4761 Introduction to Data & Text Mining
- LIS 4800 Introduction to Data Science
- LIS 4805 Predictive Analytics
- LIS 4930 Selected Topics in Information Studies (topic must be approved by the advisor or program director)

INFORMATION SECURITY (IISC) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN INFORMATION SECURITY

TOTAL CONCENTRATION HOURS: 39

CONCENTRATION CORE (18 HOURS)

Area of emphasis: cybersecurity and protecting information or data from unauthorized access, use, misuse, disclosure, destruction, modification, or disruption.

- CIS 3360 Principles of Information Security
- CIS 3367 Architecting Operating System Security
- CIS 4204 Ethical Hacking
- CIS 4361 Information Assurance and Security Management for IT
- CIS 4365 Computer Security Policies and Disaster Preparedness
- LIS 4482 Networks and Communication

Concentration Electives (3 hours)

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

- LIS 2005 Information Literacy
- LIS 3352 Interaction Design
- LIS 3361 World Wide Web Page Design and Management
- LIS 3783 Information Architecture
- LIS 4029 Professional & Technical Communication for Analysts
- LIS 4273 Advanced Statistics and Analytics
- LIS 4317 Introduction to Visual Analytics
- LIS 4365 Web Design Technologies
- LIS 4370 R Programming for Data Science
- LIS 4477 Clinical Decision Support
- LIS 4761 Introduction to Data & Text Mining
- LIS 4776 Health Information Technology
- LIS 4779 Health Information Security
- LIS 4785 Introduction to Health Informatics
- LIS 4800 Introduction to Data Science
- LIS 4805 Predictive Analytics
- LIS 4930 Selected Topics in Information Studies (topic must be approved by the advisor or program director)

INFORMATION SCIENCE AND TECHNOLOGY (ISTC) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN INFORMATION SCIENCE AND TECHNOLOGY

TOTAL CONCENTRATION HOURS: 39

CONCENTRATION CORE

This is a flexible concentration for students who prefer to survey a wide range of courses within the discipline or who choose to concentrate their coursework in particular areas like Information Architecture or Web Development and Design.

Students who choose the Information Science and Technology concentration must take the required credit hours for the major core, EXIT, and concentration core and electives.

Concentration Electives (21 hours)

Students choose twenty-one (21) credit hours of electives from the following list:

- LIS 2005 Library and Internet Research Skills
- LIS 3352 Interaction Design
- LIS 3361 World Wide Web Page Design and Management
- LIS 3783 Information Architecture
- LIS 4029 Professional & Technical Communication for Analysts
- LIS 4273 Advanced Statistics and Analytics
- LIS 4317 Introduction to Visual Analytics
- LIS 4365 Web Design Technologies
- LIS 4370 R Programming for Data Science
- LIS 4477 Clinical Decision Support
LIS 4482 Networks and Communication
LIS 4761 Introduction to Data & Text Mining
LIS 4776 Health Information Technology
LIS 4779 Health Information Security
LIS 4785 Introduction to Health Informatics
LIS 4800 Introduction to Data Science
LIS 4805 Predictive Analytics
LIS 4930 Selected Topics in Information Studies (topic must be approved by the advisor or program director)

Additional course options may be approved by the advisor or program director.

B.S. - INTEGRATED PUBLIC RELATIONS AND ADVERTISING (IPRA)
(CIP = 09.0900)
TOTAL DEGREE HOURS: 120

The Bachelor of Science in Integrated Public Relations and Advertising will prepare students for leadership positions in the quickly evolving fields of public relations advertising, and integrated marketing communications and meet workforce demand. Graduates will understand the integrative nature of modern persuasive communication and be able to incorporate technology. Graduates will also find themselves assisting clients with strategic marketing and corporate strategies with absolute accountability in a vastly more complicated digital media environment.

STATE MANDATED COMMON COURSE PREREQUISITES

Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the University's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for this program.

REQUIREMENTS FOR THE MAJOR IN INTEGRATED PUBLIC RELATIONS AND ADVERTISING

TOTAL MAJOR HOURS: 48

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (33 HOURS)

Required Core Courses in the School (27 credit hours)

- Take one of the following:
  - MMC 2100 Writing for the Mass Media
  - ADV 2214 Graphic Programs in Mass Communications
- ADV 3008 Introduction to Advertising
- PUR 3000 Principles of Public Relations
- ADV 3101 Advertising Creativity
- ADV 3300 Advertising Media Strategy
- PUR 3500 Public Relations Research
- MMC 3602 Mass Communications and Society
- MMC 4208 Media Law and Ethics
- Take one of the following:
  - ADV 4800 Advertising Campaigns
  - PUR 4801 Advanced Public Relations
Other Major Core Requirements (6 credit hours): The following courses are required outside the School to complete degree requirements:

- **MAR 3023** Basic Marketing
- **STA 2023** Introductory Statistics I

**MAJOR ELECTIVES (15 HOURS)**

Major Electives (15 hours) Choose 15 credit hours of coursework from the following list:

- **ADV 3200** Advertising Design
- **ADV 4204** Advanced Advertising Creativity
- **ADV 4301** Advanced Media Strategy
- **ADV 4310** Digital Media
- **ADV 4600** Advertising Management
- **ADV 4710** Portfolio Building
- **MMC 4936** Selected Topics in Mass Communications Studies
- **ADV 4940** Internship (strongly recommended)
- **PUR 4100** Writing for Public Relations
- **PUR 4101** Public Relations Design and Production
- **PUR 4401** Public Relations: Issues, Practices, and Problems
- **PUR 4412** Persuasion in Digital Media
- **RTV 4321** Electronic Field Production
- **VIC 3001** Visual Literacy
- Or one (1) course from the Zimmerman School of Advertising & Mass Communications curriculum outside of those above, with advisor approval

**GPA REQUIREMENTS**

2.50

**COURSE GRADE REQUIREMENT**

C (2.0)

**RESIDENCY REQUIREMENT**

18 hours

**RESEARCH OPPORTUNITIES**

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

**INTEGRATED PUBLIC RELATIONS AND ADVERTISING FACULTY**

B.S. - INTEGRATIVE ANIMAL BIOLOGY (IAB)

(CIP = 26.0101 - TRACK 1 OF 2)
TOTAL DEGREE HOURS: 120

http://biology.usf.edu/ib/ug/bs/

Students majoring in Integrative Animal Biology study the biology of animals. The program of study explores the structure and function of invertebrates, humans, and other vertebrates. The objective of the program is to provide students with a firm foundation in basic biology and the tools necessary to function as professional biologists, with special emphasis on animals. The program will prepare students for further education (e.g., medicine, veterinary medicine, animal biology, evolutionary biology) or for careers in fields such as medical assistance, veterinary assistance, animal care, and aquarium and zoo biology and education.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- CHM X210/X210L Organic Chemistry I with Lab or CHM X210C or (PHY X053 and (PHY X053L or PHY X048L) and PHY X054 and (PHY X054L or PHY X049L) or (PHY X048/X048L and PHY X049/X049L)
- MAC X311 Calculus I or MAC X233 or MAC X253 or MAC X281 or MAC X241
- MAC X312 Calculus II or MAC X282 or MAC X234 or STA X023 or STA X024 or STA X321

REQUIREMENTS FOR THE MAJOR IN INTEGRATIVE ANIMAL BIOLOGY

REQUIDRED SUPPORTING COURSES FOR THE MAJOR: 32-34 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- CHM 2045 and CHM 2045L General Chemistry I and Laboratory
- CHM 2046 and CHM 2046L General Chemistry II and Laboratory
- CHM 2210 and CHM 2210L Organic Chemistry I and Laboratory
- CHM 2211 and CHM 2211L Organic Chemistry II and Laboratory
- Calculus I: MAC 2241 or MAC 2311 or MAC 2281
- Calculus II: STA 2023 or MAC 2242 or MAC 2312 or MAC 2282

- One of the Physics Sequences:
Students must receive a C- or better to meet requirements for degree (for progression in Math and CHM, a C is required).

**TOTAL MAJOR HOURS: 40**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE (24 HOURS)**

Biology Core Curriculum: 16 credit hours
- BSC 2010 Cellular Processes
- BSC 2010L Cellular Processes Laboratory
- BSC 2011 Biodiversity
- BSC 2011L Biodiversity Laboratory
- PCB 3043 Principles of Ecology
- PCB 3043L Principles of Ecology Laboratory
- PCB 3063 General Genetics
- PCB 3063L General Genetics Laboratory

Structure and Function Courses: 8 credit hours
Choose one Structure & Function Pairing from the following list:
- Invertebrate Biology
  - ZOO 3205C Advanced Invertebrate Zoology AND PCB 3712/PCB 3713L General Physiology and Lab
- Vertebrate Biology
  - BSC 4933 Selected Topics in Biology: Vertebrate Natural History and Lab OR ZOO 3713C Comparative Vertebrate Anatomy OR BSC 4933 Selected Topics in Biology: Mammalogy and Lab AND PCB 3712/PCB 3713L General Physiology and Lab
- Human Biology
  - BSC 2093C Human Anatomy & Physiology I AND BSC 2094C Human Anatomy & Physiology II

**MAJOR ELECTIVES (16 HOURS)**

Choose 16 additional hours of Integrative Animal Biology Major courses (8 of the 16 hours must be 4000+ level Biology Major Courses), from Tampa Campus IB Department or CMMB Department course offerings (prefix of BOT, BSC, MCB, PCB, or ZOO), with the exception of BSC 4905 and courses labeled as “not for major credit”.

- Students must complete a minimum of 40 credit hours of major coursework.
- Most advanced biology courses are not offered every semester; there are no set offerings for summer semesters.
- Maximum of four (4) semester hours BSC 4910 Undergraduate Research can apply
- OCE 4930 Selected Topics in Marine Science: Advanced Oceanography I and II OR BCH 4033 Advanced Biochemistry I are the only approved non-Biology elective course options not offered by IB or CMMB departments.
- BCH 4033 Advanced Biochemistry I will NOT count towards the 8 credit hours of 4000+level major elective
Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning 3 D and/or F grades. Students unable to successfully complete these courses within these prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.

Furthermore, any student who requests a change of major to one offered in the below identified departments will be required to meet these prescribed parameters as well as those criteria outlined in the Degree Progression Policy 10-505. Any continuing student who was previously forced to select a different major based on previous versions of this policy may now be eligible to pursue the majors listed below, but only if they meet both the criteria described here as well as the Degree Progression Policy 10-505 criteria. Students who are able to complete one of the below majors by earning fewer credit hours than required to complete any other major offered at USF may petition to request an exception and should contact the School of Natural Sciences and Mathematics Advising Office for instructions. Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

Included Departments/Divisions:

Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

Included courses:

- BCH 3053
- BSC 2010; BSC 2011; BSC 2085; BSC 2086; BSC 2093C; BSC 2094C; BSC 2932; CHM 2023; CHM 2045; CHM 2046; CHM 2210; CHM 2211; CHS 2440; MAT 1033; MAC 1105; MAC 1147; MAC 2241; MAC 2242; MAC 2281; MAC 2282; MAC 2311; MAC 2312; MCB 3020; PCB 3023; PCB 3063; PHY 2053; PHY 2054; PHY 2048; PHY 2049; PHY 2060; PHY 2061; STA 2023.

GRADING REQUIREMENT

A student must receive a C- grade or better in all Department of Integrative Biology and Department of Cell Biology, Microbiology, and Molecular Biology courses and supporting courses in the natural sciences, except if they are used as general elective courses. This specification applies to both USF and transfer courses.

Please note that some supporting science courses may require a grade of C or better in order to meet the prerequisite requirements for course sequences.

RESIDENCY REQUIREMENT

A minimum of 20 credits hours of courses must be taken in residency and be applicable to the major.

Once a student has matriculated to USF Tampa, he/she is expected to take 100 percent of the required major coursework at USF Tampa.

RESEARCH OPPORTUNITIES

Undergraduate research is a great way to get hands-on experience in what you are studying and learning in your courses, and even to advance biological knowledge. Many students have authored articles based on their participation in on-going research in the Department. Undergraduate research also is a great way to boost your resume and to enhance your application to graduate school or health professional school. Several ways are available to get involved; see http://biology.usf.edu/ib/ug/research/.

To be eligible to receive credit for undergraduate research (BSC 4910), students must have Junior standing, a 3.0 USF GPA, and a 3.0 major GPA. A maximum of 4 credit hours BSC 4910 may be applied to the major electives; see http://biology.usf.edu/bioadvise/ug-research/credit.aspx.
ACCELERATED B.S. / M.A.T. PROGRAM

Accelerated B.S. in Integrative Animal Biology and M.A.T. in Science Education

This program intends for students to complete a B.S. in Integrative Animal Biology (College of Arts and Sciences) and M.A.T. in Science Education (College of Education) over the span of five years. Students completing this program will be eligible for high school and/or middle school science teacher certification. Completion of this program requires students to complete 12 credit hours toward the M.A.T. in Science Education during their senior year in the Integrative Animal Biology major.

ADVISING INFORMATION

BioAdvise: Science Center (SCA) 203; (813) 974-3250
http://biology.usf.edu/bioadvise/
Email: bioadvise@usf.edu

INTEGRATIVE ANIMAL BIOLOGY FACULTY


B.S. - INTERDISCIPLINARY NATURAL SCIENCES (INS)

(CIP = 30.0101 - TRACK 16 OF 16)
TOTAL DEGREE HOURS: 120

http://chemistry.usf.edu/undergraduate/majors/inter/

The Interdisciplinary Natural Sciences degree serves the academic and career goals of undergraduate students who seek a broad education in the Natural Sciences (Biology, Chemistry, Physics, Mathematics, Geology). Students select a sequence of upper-level courses based on career goals, choosing three of the five natural science areas. Students interested in secondary education, public health, and other fields may choose this degree.

STATE MANDATED COMMON COURSE PREREQUISITES

Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the University's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for this program.

REQUIREMENTS FOR THE MAJOR IN INTERDISCIPLINARY NATURAL SCIENCES

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 0 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

Students are encouraged to complete as many of the following courses as possible, during the program of study at the community college, and when feasible in General Education and State Communication Requirement and State Computation Requirement courses.

Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

- Biology I and II (BSC 2010, BSC 2010L, BSC 2011, BSC 2011L)
- Calculus I and II (MAC 2241 and MAC 2242 or MAC 2311 and MAC 2312 or MAC 2281 and MAC 2282)
- General Chemistry I and II (CHM 2045, CHM 2045L, CHM 2046, CHM 2046L)
- General Physics (PHY 2053, PHY 2053L, PHY 2054, PHY 2054L) or (PHY 2048, PHY 2048L, PHY 2049, PHY 2049L)
TOTAL MAJOR HOURS: 62-64

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (38-40 HOURS)

Tier 1

Two introductory courses in each of the five (5) natural sciences areas: Mathematics, Physics, Chemistry, Biology, Geology. Choose from the following courses:

- **Mathematics Courses:**
  - MAC 2241 Life Sciences Calculus I
  - MAC 2311 and MAC 2312 are also acceptable for the major.
  - MAC 2242 Life Sciences Calculus II or STA 2023 Introductory Statistics I
  - MAC 2281 and MAC 2282 are also acceptable for the major.

- **Biology Courses:**
  - BSC 2010 Cellular Processes
  - BSC 2010L Cellular Processes Laboratory
  - BSC 2011 Biodiversity
  - BSC 2011L Biodiversity Laboratory

- **Chemistry Courses:**
  - CHM 2045 General Chemistry I
  - CHM 2045L General Chemistry I Laboratory
  - CHM 2046 General Chemistry II
  - CHM 2046L General Chemistry II Laboratory

- **Geology Courses:**
  - GLY 2010 Dynamic Earth: Introduction to Physical Geology
  - GLY 2000L Essentials of Geology Laboratory
  - GLY 2100 History of Life
  - GLY 2100L History of Life Laboratory

- **Physics Courses:**
  - PHY 2053 General Physics I and PHY 2053L General Physics I Laboratory
  - PHY 2054 General Physics II and PHY 2054L General Physics II Laboratory
  - PHY 2048 General Physics I - Calculus Based and PHY 2048L General Physics I - Calculus Based Laboratory and PHY 2049 General Physics II - Calculus Based and PHY 2049L General Physics II - Calculus Based Laboratory are also accepted for this major
  - PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.

MAJOR ELECTIVES (24 HOURS)

Tier 2

Students are required to complete a minimum total of 24 credit hours. A minimum of 6 credit hours of structured, upper-level (3000-level or higher) courses in three of the five natural sciences areas is required. The remaining six credits of upper-level courses can be taken in any of the three Tier 2 Natural Science areas that the student has selected. All Tier 2 courses in the sciences will be selected by the individual student, but must be chosen from the list of courses approved for department major credit.

**General Electives.** Courses over and above the required courses should be taken to complete a 120 hour program. Additional courses in computer programming, economics, management, engineering, statistics, writing, and other applied disciplines are strongly recommended to strengthen the degree for subsequent professional employment.
Transfer Credit: It is strongly recommended that students transferring from community/state colleges to the University of South Florida complete whole sequences of chemistry courses, such as general and organic chemistry, before they transfer. Even though courses may carry the same common course number, topics covered may vary significantly from school to school.

D/F Policy: The following three departments, the Department of Chemistry, the Department of Cell Biology, Microbiology and Molecular Biology and the Department of Integrative Biology have instituted a procedure to provide students with the best opportunity to progress toward their degree requirements.

Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning D and/or F grades. Students unable to successfully complete these courses within these prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.

Furthermore, any student who requests a change of major to one offered in the below identified departments will be required to meet these prescribed parameters as well as those criteria outlined in the Degree Progression Policy 10-505. Any continuing student who was previously forced to select a different major based on previous versions of this policy may now be eligible to pursue the majors listed below, but only if they meet both the criteria described here as well as the Degree Progression Policy 10-505 criteria. Students who are able to complete one of the below majors by earning fewer credit hours than required to complete any other major offered at USF may petition to request an exception and should contact the School of Natural Sciences and Mathematics Advising Office for instructions. Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

Included Departments/Divisions:
Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

Included courses:
BCH 3053 BSC 2010; BSC 2011; BSC 2085; BSC 2086; BSC 2093C; BSC 2094C; BSC 2932; CHM 2023; CHM 2045; CHM 2046; CHM 2210; CHM 2211; CHS 2440; MAT 1033; MAC 1105; MAC 1147; MAC 2241; MAC 2242; MAC 2281; MAC 2282; MAC 2311; MAC 2312; MCB 3020; PCB 3023; PCB 3063; PHY 2053; PHY 2054; PHY 2048; PHY 2049; PHY 2060; PHY 2061; STA 2023.

Grading Requirement
A grade of C or better is required for science and mathematics courses and each supporting course for the Major. All courses in any chemistry major must be taken with letter grade (A, B, C, D, F, I) except those courses which are graded S/U only.

Residency Requirement
Twelve (12) hours of upper-level major applicable courses must be completed at USF for the Interdisciplinary Natural Sciences degree.

Research Opportunities
The Department of Chemistry offers the opportunity for students to participate in undergraduate research with Chemistry faculty. Students can apply for the Academic Research Experience for Undergraduates (REU) Program and find more information here: http://chemistry.usf.edu/undergraduate/reu/. Students who wish to enroll in an undergraduate research course with a Chemistry faculty member should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in a 0 credit research course. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Academic Advisors in the Department of Chemistry, as well as the Office for Undergraduate Research, can assist students in understanding the various course options.
ACCELERATED B.S. / M.A.T. PROGRAM

Accelerated B.S. in Interdisciplinary Natural Sciences and M.A.T. in Science Education

This program intends for students to complete a B.S. in Interdisciplinary Natural Sciences (College of Arts and Sciences) and M.A.T. in Science Education (College of Education) over the span of five years. Students completing this program will be eligible for high school and/or middle school science teacher certification. Completion of this program requires students to complete 12 credit hours toward the M.A.T. in Science Education during their senior year in the Interdisciplinary Natural Sciences major.

ADVISING INFORMATION

Department of Chemistry Advising: chemadvise@usf.edu or http://chemistry.usf.edu/advising/.

INTERDISCIPLINARY NATURAL SCIENCES FACULTY


B.A. - INTERDISCIPLINARY SOCIAL SCIENCES (ISS)

(CIP = 45.0101)
TOTAL DEGREE HOURS: 120

http://iss.usf.edu/major_requirements/

Certified Global Pathway Program

The ISS program is designed to provide an interdisciplinary integration of the social sciences for students who are interested in a broad educational experience. ISS offers a wide choice of courses, and an opportunity to design a quality program geared toward individual needs and interests.

This program has been certified as a Global Pathway. Global Pathway programs have significant global content and align with the goals of USF’s Quality Enhancement Plan, the Global Citizens Project. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida college System institution, they must be completed before the degree is granted.

- XXX XXXX (6 credit hours) Two introductory courses in a Social Sciences discipline.
REQUIREMENTS FOR THE MAJOR IN INTERDISCIPLINARY SOCIAL SCIENCES

TOTAL MAJOR HOURS: 42

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (13-18 HOURS)

Students in the ISS major complete a total of 42 credit hours of coursework in three categories:

- Major Core Requirements (9 credit hours)
- Diversity and Global Context Courses (4-9 credit hours)
- Two Concentrations Areas (24-29 credit hours)

Note: A minimum of 30 of the 42 hours must be at the 3000-level or above.

Required Core Courses (9 credit hours)

- ISS 3010 Introduction to the Social Sciences
- ISS 4935 Seminar in the Social Sciences
- STA 2122 Social Sciences Statistics

Note: A minimum grade of C- or higher is required for each of the major core courses.

Two of these courses, ISS 3010 Introduction to the Social Sciences and ISS 4935 Seminar in the Social Sciences, introduce and employ the interdisciplinary social science perspective. These courses involve students in the study of human life and experience; the various concepts, theories, and methods used in the social sciences; and the application of these concepts and methods to issues and questions of contemporary local and global significance.

STA 2122 Social Science Statistics is the third core course required for majors in Interdisciplinary Social Sciences and teaches students to use quantitative reasoning to address social science issues of local and global concern.

Diversity and Global Context Courses (4-9 credit hours)

The remainder of the 42 hours of major coursework will be selected from courses in the following categories:

- Africana Studies (AFA or AFH or AFS prefixes. Those courses in the X900-X999 except for AFA 4900 will count)
- Disability Studies
  - SYO 4430 Disability and Society, ASL 3514 Deaf Culture, or Special Topics courses in other departments such as Women's and Gender Studies or Communication, approved by an advisor.
- International Studies (INR or CPO prefixes. Those courses in the X900-X999 except for INR 4900 and will count)
- Women's and Gender Studies (WST prefixes. Those courses in the X900-X999 except for WST 4900 and WST 4910 will count)
- Upper-Level Courses (3000- or 4000-level) with an ISS prefix

Note: If one or more of the student's areas of concentration require(s) more than 12 hours of coursework, fewer than 9 hours of coursework will be required in the Diversity and Global Context category.

MAJOR ELECTIVES (24-29 HOURS)

ISS students choose two concentration areas and complete at least twelve (12) credit hours in each concentration:

Africana Studies; Aging Sciences; American Studies; Anthropology; Communication; Communication Sciences and Disorders; Criminology; Deaf Studies; Economics; Environmental Science and Policy; Geography; History; Humanities; Information Studies; International Studies; Latin American, Caribbean, and Latino Studies; Mass Communications; Multidisciplinary Behavioral Sciences; Political Science; Psychology; Public Administration; Public Health; Religious Studies; Sociology; Women's and Gender Studies.

GPA REQUIREMENTS

Students must maintain a minimum grade point average of 2.0 in ISS to graduate.
GRADING REQUIREMENT

No more than two grades of “D” are acceptable in the ISS major.

No transfer courses with grades of “D” are acceptable for credit in the ISS major.

A minimum grade of C- or higher is required for each of the major core courses.

OTHER REQUIREMENTS

ISS majors must satisfy two semesters of a foreign language in order to graduate. American Sign Language (ASL) satisfies the Foreign Language Exit Requirement (FLEX).

RESEARCH OPPORTUNITIES

All ISS majors participate in a Senior Research Project as part of the requirements for ISS 4935 Seminar in the Social Sciences. Other research opportunities may be provided in courses related to the student’s area of concentration or courses selected in the Diversity and Global Context category. ISS advisors can assist students in selecting courses that provide these research opportunities.

ADVISING INFORMATION

Upon declaration of the major, students should meet with an advisor to declare concentrations, particularly before too many courses are completed in the College of Arts and Sciences. No student should assume that courses already completed will automatically count toward the ISS degree.

AFRICANA STUDIES (IAFA) CONCENTRATION

http://iss.usf.edu/concentrations/

REQUIREMENTS FOR THE CONCENTRATION IN AFRICANA STUDIES

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (12 HOURS)

Student should choose either Option 1 or Option 2.

Option 1:

- AFA 2000 Introduction to Black Experience
- Nine (9) credit hours of Upper-Level Major Electives (3000-4000)

Option 2:

- Twelve (12) credit hours of Upper-Level Major Electives (3000-4000)

AGING SCIENCES (IAGE) CONCENTRATION

http://iss.usf.edu/concentrations/

REQUIREMENTS FOR THE CONCENTRATION IN AGING SCIENCES

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (12 HOURS)

- GEY 2000 Introduction to Aging Sciences
- Nine (9) credit hours of GEY Upper-Level Electives (3000-4000)
## AMERICAN STUDIES (IAMS) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN AMERICAN STUDIES**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (12 HOURS)**

- AMS 2030 Introduction to American Studies or AMS 2270 Twentieth-Century American Culture
- Nine (9) credit hours of AMS Upper-Level Major Electives (3000-4000)

## ANTHROPOLOGY (IANT) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN ANTHROPOLOGY**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (12 HOURS)**

- One of the following courses:
  - ANT 2000 Introduction to Anthropology
  - ANT 2410 Cultural Anthropology
  - ANT 2511 Biological Anthropology
  - ANT 3101 Archaeology
  - ANT 3610 Linguistic Anthropology
- Nine (9) credit hours of ANT Upper-Level Electives (3000-4000)

## CRIMINOLOGY (ICCJ) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN CRIMINOLOGY**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (12 HOURS)**

- CCJ 3024 Survey of the Criminal Justice System
- CCJ 3117 Theories of Criminal Behavior
- Six (6) credit hours of Upper-Level Major Electives (3000-4000)

## MASS COMMUNICATIONS (ICOM) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN MASS COMMUNICATIONS**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (3 HOURS)**

- MMC 3602 Mass Communications and Society

**Concentration Electives (9 hours)**

Choose three (3) courses from the following list:

- ADV 3008 Introduction to Advertising
COMMUNICATION SCIENCES AND DISORDERS (ICSD) CONCENTRATION

http://iss.usf.edu/concentrations/

REQUIREMENTS FOR THE CONCENTRATION IN COMMUNICATION SCIENCES AND DISORDERS

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (12 HOURS)

Students should choose four (4) courses from the following list:

- SPA 3002 Introduction to Communication Sciences and Disorders
- SPA 3004 Introduction to Language Development and Disorders
- SPA 3011 Introduction to Speech Science
- SPA 3030 Introduction to Hearing Science
- SPA 3101 Anatomy and Physiology of the Speech and Hearing Mechanism
- SPA 3112 Applied Phonetics in Communication Disorders
- SPA 3310 Introduction to Disorders of Hearing
- SPA 3470 Culture and Diversity in CSD
- SPA 4901 Research Methods in Communication Sciences and Disorders

DEAF STUDIES (IDFT) CONCENTRATION

http://iss.usf.edu/concentrations/

REQUIREMENTS FOR THE CONCENTRATION IN DEAF STUDIES

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (14 HOURS)

- ASL 2140C Basic American Sign Language
- ASL 2150C Intermediate American Sign Language
- ASL 3514 Deaf Culture
- SYO 4430 Disability and Society or Upper-Level ASL or INT course (3000-4000)

ECONOMICS (IECO) CONCENTRATION

http://iss.usf.edu/concentrations/

REQUIREMENTS FOR THE CONCENTRATION IN ECONOMICS

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (12 HOURS)

- ECO 2013 Economic Principles (Macroeconomics)
- ECO 2023 Economic Principles (Microeconomics)
### ENVIRONMENTAL SCIENCE AND POLICY (IESP) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN ENVIRONMENTAL SCIENCE AND POLICY**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (13 HOURS)**

- **EVR 2001** Introduction to Environmental Science
- **EVR 2001L** Environmental Science Lab
- **EVR 2861** Introduction to Environmental Policy
- **EVR 4033** Environmental Regulation
- **GEO 4372** Global Conservation

### GEOGRAPHY (IGPY) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN GEOGRAPHY**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (10 HOURS)**

- **GEO 2200** Introduction to Physical Geography
- **GEO 2200L** Introduction to Physical Geography Lab
- **GEO 2400** Human Geography
- **GIS 3006** Mapping and Geovisualization

Concentration Electives (2 hours)

- Two (2) credit hours of Upper-Level Major Electives (3000-4000)

### HUMANITIES (IHSC) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN HUMANITIES**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (12 HOURS)**

- Three (3) credit hours of HUM Lower-Level Electives (2000) or Approved Equivalents
- Nine (9) credit hours of HUM Upper-Level Electives (3000-4000)

### HISTORY (IHTY) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN HISTORY**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (12 HOURS)**

- Six (6) credit hours of Upper-Level Major Electives (3000-4000)
### INFORMATION STUDIES (IIFS) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN INFORMATION STUDIES**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (12 HOURS)**

- LIS 2937 Selected Topics in Library/Information Science or Approved Lower-Level LIS Elective (2000)
- LIS 3361 World Wide Web Page Design and Management
- Six (6) credit hours of LIS Upper-Level Electives (3000-4000)

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### INTERNATIONAL STUDIES (IINT) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN INTERNATIONAL STUDIES**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (12 HOURS)**

- 12 credit hours of Upper-Level Major Electives (3000-4000)

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### LATIN AMERICAN, CARIBBEAN, AND LATINO STUDIES (ILAS) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN LATIN AMERICAN, CARIBBEAN, AND LATINO STUDIES**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (12 HOURS)**

- Twelve (12) credit hours of Upper-Level coursework relating to Latin America, the Caribbean, or the Latino/Latina diaspora selected from at least four of the following areas:
  - Anthropology/Sociology/Philosophy
  - Political Science/International Studies
  - Geography/History
  - Education/Social Work
  - Global Studies/Public Health

Note: Coursework must be approved by an advisor and at least 50% of the graded assignments in the selected course must be related to Latin America, the Caribbean, or the Latino/Latina diaspora.

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### MULTIDISCIPLINARY BEHAVIORAL SCIENCES (IMDS) CONCENTRATION

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN MULTIDISCIPLINARY BEHAVIORAL SCIENCES**

**TOTAL CONCENTRATION HOURS: 42**
CONCENTRATION CORE (12 HOURS)

- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4002 Behavioral Health Systems Delivery
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- One of the following courses:
  - MHS 4425 Field Experience in Behavioral Healthcare
  - MHS 4906 Directed Study
  - MHS 4931 Selected Topics

PUBLIC ADMINISTRATION (IPAD) CONCENTRATION

http://iss.usf.edu/concentrations/

REQUIREMENTS FOR THE CONCENTRATION IN PUBLIC ADMINISTRATION

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (12 HOURS)

- Twelve (12) credit hours of Upper-Level Major Electives (3000-4000)

POLITICAL SCIENCE (IPOL) CONCENTRATION

http://iss.usf.edu/concentrations/

REQUIREMENTS FOR THE CONCENTRATION IN POLITICAL SCIENCE

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (12 HOURS)

- POS 2041 American National Government
- Nine (9) credit hours of Upper-Level Major Electives (3000-4000)

PSYCHOLOGY (IPSY) CONCENTRATION

http://iss.usf.edu/concentrations/

REQUIREMENTS FOR THE CONCENTRATION IN PSYCHOLOGY

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (12 HOURS)

- PSY 3213 Research Methods in Psychology
- Nine (9) credit hours of Upper-Level Major Electives (3000-4000)

PUBLIC HEALTH (IPUB) CONCENTRATION

http://iss.usf.edu/concentrations/

REQUIREMENTS FOR THE CONCENTRATION IN PUBLIC HEALTH

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (12 HOURS)

- HSC 4537 Medical Terminology
• HSC 4551 Survey of Human Diseases
• PHC 4030 Introduction to Epidemiology
• PHC 4101 Overview of Public Health Programs and Policies

Concentration Electives (3 hours)
Choose one (1) course from the following list:

• HSC 2017 Careers in Public Health
• HSC 2100 Contemporary Health Science
• HSC 2130 Sex, Health and Decision Making
• HSC 2933 Selected Topics in Public Health
• HSC 4172 Women's Health: A Public Health Perspective
• HSC 4213 Environmental and Occupational Risk Analysis
• HSC 4430 Occupational Health and Safety
• HSC 4504 Foundations of Public Health Immunology
• HSC 4573 Foundations of Food Safety
• HSC 4579 Foundations of Maternal and Child Health
• HSC 4933 Special Topics in Public Health
• HUN 3272 Sports Nutrition
• HUN 3296 Nutrition and Disease
• PHC 3320 Environmental Health Science
• PHC 4031 Emerging Infectious Diseases
• PHC 4188 Public Health Emergencies in Large Populations
• PHC 4234 Public and Private Continuity Planning for Emergencies
• PHC 4241 Psychology of Fear & Mental Health Issues Related to Disasters
• PHC 4375 Community Participation in Homeland Security
• PHC 4376 Disaster by Design: Exercise Development for Homeland Security Professionals
• PHC 4931 Health Care Ethics

RECENTIAL STUDIES (IREL) CONCENTRATION
http://iss.usf.edu/concentrations/

REQUIREMENTS FOR THE CONCENTRATION IN RELIGIOUS STUDIES

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (12 HOURS)

• REL 3040 Introduction to Religious Studies
• Nine (9) credit hours of REL Electives, of which six (6) credit hours must be upper-level (3000-4000)

SOCIOLOGY (ISOC) CONCENTRATION
http://iss.usf.edu/concentrations/

REQUIREMENTS FOR THE CONCENTRATION IN SOCIOLOGY

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (12 HOURS)

• SYG 2000 Introduction to Sociology or Upper-Level Elective in Sociology (3000-4000)
• SYA 3110 Classical Theory
**COMMUNICATION (ISPE) CONCENTRATION**

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN COMMUNICATION**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (12 HOURS)**

- COM 2000 Introduction to Communication
- Choose one of the following courses:
  - ORI 3004 Communication as Performance
  - SPC 3301 Interpersonal Communication
  - SPC 3544 Persuasion and Media
  - SPC 3710 Communication and Cultural Diversity
- Six (6) credit hours of COM, SPC, or ORI Upper-Level Electives (3000-4000)

**WOMEN'S AND GENDER STUDIES (IWGS) CONCENTRATION**

http://iss.usf.edu/concentrations/

**REQUIREMENTS FOR THE CONCENTRATION IN WOMEN'S AND GENDER STUDIES**

**TOTAL CONCENTRATION HOURS: 42**

**CONCENTRATION CORE (12 HOURS)**

- WST 3015 Introduction to Women's Studies or WST 3311 Issues in Feminism
- Nine (9) credit hours of Upper-Level Electives (3000-4000) offered by the Department of Women's and Gender Studies

**B.A. - INTERNATIONAL STUDIES (INT)**

(CIP = 45.0901)

**TOTAL DEGREE HOURS: 120**

http://usf.edu/sigs/undergraduate/

The major in International Studies enables students to undertake programs of study which emphasize: (a) preparation for careers in international activities, or (b) the study of particular international themes or topics, or (c) the study of particular regions or cultures. Each student develops a course of study designed to fulfill his or her career and educational goals in consultation with the International Studies advisor.

**STATE MANDATED COMMON COURSE PREREQUISITES**

Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the University's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.
There are no State Mandated Common Prerequisites for this program.
REQUIREMENTS FOR THE MAJOR IN INTERNATIONAL STUDIES

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (18 HOURS)

The major consists of a minimum of 36 credit hours. At least 27 of these credit hours (nine courses) must be from the International Studies Program offerings.

- INR 3011 Globalization
- INR 4083 Conflict in the World
- INR 3038 International Wealth and Power or CPO 4034 Politics of the Developing Areas
- INR 3202 International Human Rights or INR 4502 International Organizations
- Two (2) area studies courses from the INT upper-division electives (3 credit hours each)

MAJOR ELECTIVES (18 HOURS)

The additional 18 credit hours must include at least three elective courses (9 credit hours) from within the International Studies discipline offered in the School of Interdisciplinary Global Studies; the remaining 9 credit hours can be selected from courses offered from other departments which are approved by the major advisor as having adequate international or cross-cultural content. Please see the International Studies advisor for a full list of courses to meet the INT elective requirements.

With the approval of the major advisor, credits earned in INR 4900 and INR 4910 may be used to augment or substitute for the foregoing requirements.

Students must pass a 2000-level foreign language course (that is, at least one semester of foreign language study beyond the first year introductory courses), or complete one year of study of a non-Western language. Students who are bilingual or who are already conversationally fluent or who can translate with facility from a foreign language text are exempt from the above course requirement, but the INT faculty may require demonstration of proficiency.

Students are encouraged, but not required, to engage in study abroad programs, a large number of which have been approved by the USF Education Abroad Department. Credits earned in such programs apply toward graduation and many also apply to the International Studies major. A limited number of internships in the Tampa Bay area are available to provide students with real-world experience while earning credits in the major. Also, USF is affiliated with The Washington Center, an internship program in the nation’s Capital.

RESIDENCY REQUIREMENT

Students transferring credit hours toward a major in International Studies must complete a minimum of 21 credit hours within the School of Interdisciplinary Global Studies, regardless of the number of credits transferred.

RESEARCH OPPORTUNITIES

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

The School of Interdisciplinary Global Studies encourages students majoring in International Studies to complete an internship as part of their undergraduate degree program. While an internship is not required for the degree, it does provide the student with valuable, real world experience that can assist the student in preparation for a career after finishing the International Studies degree. The School of Interdisciplinary Global Studies allows up to 6 credits of paid or unpaid internship with an appropriate international focus to count as an INT elective. In order to qualify for credit, the internship does need to be approved by the International Studies Internship faculty advisor. Additionally, in order to earn credit for the internship, students will be required to register for INR 4943 Internship in International Studies and complete all requirements for this course in order to earn credit. For more information, please visit http://usf.edu/sigs/undergraduate/.

ADVISING INFORMATION

Students will be provided with academic advice and counsel about other courses offered throughout the university which may support and complement their major program. INT majors should plan their programs in conjunction with the advisor who is empowered to make appropriate substitutions when educationally justified.

For information on INT Advising, please visit http://usf.edu/sigs/undergraduate/.

INTERNATIONAL STUDIES FACULTY


B.S. - MARINE BIOLOGY (MRN)

(CIP = 26.0101 - TRACK 1 OF 2)
TOTAL DEGREE HOURS: 120

http://biology.usf.edu/ib/ug/bs/

Students majoring in Marine Biology study life in the oceans. The program of study explores the unique marine environment and the nature of the organisms that inhabit the oceans. The objective of the program is to provide students with a firm foundation in basic biology and the tools necessary to function as professional biologists, with special emphasis on marine ecosystems. The program will prepare students for further education (e.g., ecology, environmental science, biological oceanography, evolutionary biology) or for careers in fields such as aquaculture, aquarium biology and education, conservation biology and education, environmental consulting, and wildlife biology.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- BSC X010/X010L Biology I with Lab or BSC X010C or BSC X040/X040L or BSC X040C
- BSC X011/X011L Biology II with Lab or BSC X011C or BSC X041/X041L or ZOO X010/X010L or BOT X010/X010L or BOT X013/X013L or BSC X041C or ZOO X010C or BOT X010C or BOT X013C
- CHM X045/X045L General Chemistry I with Lab or CHM X045C or CHM X040 and CHM X041
COLLEGE OF ARTS & SCIENCES

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- CHM X046/X046L General Chemistry II with Lab or CHM X046C
- CHM X210/X210L Organic Chemistry I with Lab and CHM X211/X211L or (CHM X210C and CHM X211C) or [PHY X053 and (PHY X053L or PHY X048L) and PHY X054 and (PHY X054L or PHY X049L)] or PHY X048/X048L and PHY X049/X049L
- MAC X311 Calculus I or MAC X233 or MAC X253 or MAC X281 or MAC X241
- MAC X312 Calculus II or MAC X282 or MAC X234 or STA X023 or STA X024 or STA X321

REQUIREMENTS FOR THE MAJOR IN MARINE BIOLOGY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 32-34 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- CHM 2045 and CHM 2045L General Chemistry I and Laboratory
- CHM 2046 and CHM 2046L General Chemistry II and Laboratory
- CHM 2210 and CHM 2210L Organic Chemistry I and Laboratory
- CHM 2211 and CHM 2211L Organic Chemistry II and Laboratory
- Calculus I: MAC 2241 or MAC 2311 or MAC 2281
- Statistics or Calculus II: STA 2023 or MAC 2242 or MAC 2312 or MAC 2282
- One of the Physics Sequences:
  - PHY 2053/2053L General Physics I and PHY 2054/2054L General Physics II
  - PHY 2048/2048L General Physics I - Calculus Based and PHY 2049/2049L General Physics II - Calculus Based
    - PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.

Students must receive a C- or better to meet requirements for degree (for progression in Math and CHM, a C is required).

TOTAL MAJOR HOURS: 37-41

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (24-26 HOURS)

- BSC 2010 Cellular Processes
- BSC 2010L Cellular Processes Laboratory
- BSC 2011 Biodiversity
- BSC 2011L Biodiversity Laboratory
- BSC 3312 Marine Biology
- BSC 4937 Seminar in Marine Biology
- PCB 3043 Principles of Ecology
- PCB 3043L Principles of Ecology Laboratory
- PCB 3063 General Genetics
- PCB 3063L General Genetics Laboratory

Choose one of the following:
  - BOT 3373C Vascular Plants: Form and Function
  - BSC 4933 Selected Topics in Biology*
  - MCB 3020 and MCB 3020L General Microbiology and Laboratory
  - ZOO 3205C Advanced Invertebrate Zoology
  - ZOO 3713C Comparative Vertebrate Anatomy

*Special topics as approved for the major by the Department of Integrative Biology
MAJOR ELECTIVES (13-15 HOURS)

Students choose 13-15 credit hours of coursework from the following list:

- **BCH 4033** Advanced Biochemistry I
- **BOT 3373C** Vascular Plants: Form and Function
- **BOT 4184C** Biology of Coastal Plants
- **BSC 4313C** Advanced Marine Biology
- **BSC 4933** Special Topics in Biology*
- **GIS 4043C** Geographic Information Systems or **GIS 5049** GIS for Non-Majors
- **GLY 4734** Beaches and Coastal Environments
- **MCB 3020** General Microbiology
- **MCB 3020L** General Microbiology Laboratory
- **MCB 4404** Microbial Physiology and Genetics and **MCB 4404L** Microbial Physiology and Genetics Laboratory
- **PCB 3712** General Physiology and **PCB 3713L** General Physiology Laboratory
- **PCB 4674** Organic Evolution
- **PCB 4723** Animal Physiology and **PCB 4723L** Animal Physiology Laboratory
- **ZOO 3205C** Advanced Invertebrate Zoology
- **ZOO 3407** Biology of Sharks and Rays and **ZOO 3407L** Biology of Sharks and Rays Laboratory
- **ZOO 4454** Fish Biology and **ZOO 4454** Fish Biology Laboratory
- **ZOO 4513** Animal Behavior

*Special topics as approved for the major by the Department of Integrative Biology

Note: Course taken to fulfill structure requirement cannot also apply toward electives

Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning D and/or F grades. Students unable to successfully complete these courses within these prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.

Furthermore, any student who requests a change of major to one offered in the below identified departments will be required to meet these prescribed parameters as well as those criteria outlined in the Degree Progression Policy 10-505. Any continuing student who was previously forced to select a different major based on previous versions of this policy may now be eligible to pursue the majors listed below, but only if they meet both the criteria described here as well as the Degree Progression Policy 10-505 criteria. Students who are able to complete one of the below majors by earning fewer credit hours than required to complete any other major offered at USF may petition to request an exception and should contact the School of Natural Sciences and Mathematics Advising Office for instructions. Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

**Included Departments/Divisions:**
Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

**Included courses:**

- BCH 3053
- BSC 2010
- BSC 2011
- BSC 2085
- BSC 2086
- BSC 2093C
- BSC 2094C
- BSC 2932
- CHM 2023
- CHM 2045
- CHM 2046
- CHM 2210
- CHM 2211
- CHS 2440
- MAT 1033
- MAC 1105
- MAC 1147
- MAC 2241
- MAC 2242
- MAC 2281
- MAC 2282
- MAC 2311
- MAC 2312
- MCB 3020
- PCB 3023
- PCB 3053
- PHY 2053
- PHY 2054
- PHY 2048
- PHY 2049
- PHY 2060
- PHY 2061
- STA 2023.

A minimum of 8 credit hours at the 4000-level should be taken.

A maximum of 6 credit hours may be taken outside of the department with prior approval.

**COURSE GRADE REQUIREMENT**

Please note that some supporting science courses may require a grade of C or better in order to meet the prerequisite requirements for course sequences.
GRADING REQUIREMENT

A student must receive a C- grade or better in all Department of Integrative Biology and Department of Cell Biology, Microbiology, and Molecular Biology courses and supporting courses in the natural sciences, except if they are used as general elective courses. This specification applies to both USF and transfer courses.

RESIDENCY REQUIREMENT

A minimum of 20 credits hours of courses must be taken in residency and be applicable to the major.

Once a student has matriculated to USF Tampa, he/she is expected to take 100 percent of the required major coursework at USF Tampa.

RESEARCH OPPORTUNITIES

Undergraduate research is a great way to get hands-on experience in what you are studying and learning in your courses, and even to advance biological knowledge. Many students have authored articles based on their participation in on-going research in the Department. Undergraduate research also is a great way to boost your resume and to enhance your application to graduate school or health professional school. Several ways are available to get involved; see http://biology.usf.edu/ib/ug/research/.

To be eligible to receive credit for undergraduate research (BSC 4910), students must have Junior standing, a 3.0 USF GPA, and a 3.0 major GPA. A maximum of 4 credit hours BSC 4910 may be applied to the major electives; see http://biology.usf.edu/bioadvise/ug-research/credit.aspx.

ACCELERATED B.S./M.A.T. PROGRAM

Accelerated B.S. in Marine Biology and M.A.T. in Science Education

This program intends for students to complete a B.S. in Marine Biology (College of Arts and Sciences) and M.A.T. in Science Education (College of Education) over the span of five years. Students completing this program will be eligible for high school and/or middle school science teacher certification. Completion of this program requires students to complete 12 credit hours toward the M.A.T. in Science Education during their senior year in the Marine Biology major.

ADVISING INFORMATION

BioAdvise: Science Center (SCA) 203; (813) 974-3250
http://biology.usf.edu/bioadvise/
Email: bioadvise@usf.edu

MARINE BIOLOGY FACULTY

The Bachelor of Arts in Mass Communications is a pre-professional, hands-on program that allows students to be prepared for careers in Advertising, Public Relations, and Multimedia Journalism.

LIMITED ACCESS

THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

This is a limited access program.

Students must meet the following requirements to gain entrance into MMC 2100 – Writing for the Mass Media:

1. 2.75 Overall GPA
2. Completion of ENC 1101 and ENC 1102 with a minimum grade of C not C-
3. Minimum of 30 hours (including at least 15 seminar hours for which grades and a grade point average have been awarded)
4. Minimum score of 60 percent (120 out of a possible 200 points) on the Mass Communications English Diagnostic Test OR 70 percent (140 out of a possible 200 points) for students who transfer MMC 2100 or its equivalent

All majors must complete MMC 2100 Writing for the Media, and MMC 3602 Mass Communications and Society, with a minimum grade of C not C- before any other Mass Communications course may be taken. Students failing to achieve a minimum grade of C not C- in both MMC 2100 and MMC 3602 will be disallowed as majors in the School.

Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education and State Communication Requirement and State Computation Requirement courses.

- English Composition (minimum grade of C not C-)
- MMC 3602 Mass Communications and Society

Prior to being admitted to the School of Mass Communications, a student must:

1. Complete a minimum of 30 semester hours including all General Education requirements and six hours of English composition (with a minimum grade of C not C-),
2. Earn a 2.75 overall GPA,
3. Pass a School-administered English Diagnostic Test.

A maximum of nine (9) semester hours in Mass Communications courses will be accepted from a community college or other lower-level program toward a degree in Mass Communications. It is suggested that the nine hours include the equivalent of the School core curriculum and one sequence introductory course. Approval by an appropriate advisor is required.

Students must complete 18 semester hours (may not include ENC or LIT prefix courses) outside the Mass Communications curriculum and beyond the 36 hours of general education requirements prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. A grade of C (not C-) is the minimum acceptable grade.
STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet Foundations of Knowledge and Learning General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

REQUIREMENTS FOR THE MAJOR IN MASS COMMUNICATIONS

TOTAL MAJOR HOURS: 43-55

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (6 HOURS)

The Mass Communications major requires six (6) hours of core curriculum courses (MMC 2100 and MMC 3602) and 31 hours of required and elective sequence courses for a total of 37 hours in Mass Communications within the 124-hour degree requirement. Six hours in Mass Communications writing courses (three hours in addition to MMC 2100) are a part of the graduation requirement.

- 80 hours in courses outside the School of Mass Communications, including 65 hours in liberal arts courses (as approved by the School).
- No more than 44 hours of Mass Communications courses may be applied toward the bachelor's degree within the 124-hour graduation requirement.
- MMC 2100 Writing for the Mass Media
- MMC 3602 Mass Communication and Society

GPA REQUIREMENTS

A 2.5 GPA in Mass Communications courses is required for graduation.

GRADING REQUIREMENT

No student may graduate with a grade lower than C (2.0) not C- in any Mass Communications course.

RESIDENCY REQUIREMENT

At least 22 hours of resident School courses are required.

OTHER REQUIREMENTS

Sign Language may be used as an option by Mass Communications majors to fulfill the language requirement.

RESEARCH OPPORTUNITIES

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

Most Mass Communications courses have prerequisites as specified in the course descriptions (these prerequisites are separate from the State Mandated Common Prerequisites for program admission listed below). Refer to each prerequisite listed to determine progressive prerequisites for each course. Students should also note that the Mass Communications major is a four-semester program at a minimum and the majority of courses are offered only during the day.

All material submitted by students as assignments in writing, reporting, editing, photography and electronic news gathering and production classes is subject to publication or broadcast. The School uses a variety of online, print and electronic media outlets.

MASS COMMUNICATIONS FACULTY


JOURNALISM-NEWS-EDITORIAL (JOU) CONCENTRATION

TOTAL CONCENTRATION HOURS: 52

CONCENTRATION CORE (36 HOURS)

Required Courses (21 credit hours):

- JOU 2100 Beginning Reporting
- JOU 3101 Advanced Reporting
- JOU 4181 Public Affairs Reporting
- JOU 4201 News Editing I
- MMC 4200 History and Principles of Communications Law
- MMC 4203 Communication Ethics
- JOU 4213 Newspaper and News Publication Design or PGY 3610C Photojournalism I

Other Requirements (15 credit hours):

The following courses are required outside the School to complete sequence requirements:

- ECO 1000 Basic Economics
- PHI 1103 Critical Thinking
- POS 2041 American National Government
- SYG 2010 Contemporary Social Problems
- POS 2112 State and Local Government and Politics or POS 3142 Intro to Urban Politics & Government

Concentration Electives (10 hours)

- Ten (10) credit hours, selected with advisor’s approval

ADVISING INFORMATION

Daniel Shelnutt, Academic Advisor
JOURNALISM-MAGAZINE (MAG) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN JOURNALISM-MAGAZINE

TOTAL CONCENTRATION HOURS: 55

CONCENTRATION CORE (42 HOURS)

Required Courses (24 credit hours):

- JOU 2100 Beginning Reporting
- JOU 3101 Advanced Reporting
- JOU 3308 Magazine Article and Feature Writing
- JOU 4201 News Editing I
- JOU 4212 Magazine Design and Production
- MMC 4200 History and Principles of Communications Law
- MMC 4203 Communication Ethics
- MMC 4420 Research Methods in Mass Communications

Other Requirements (18 credit hours):

The following courses are required outside the School to complete sequence requirements:

- ECO 1000 Basic Economics
- CRW 2100 Narration and Description or ENC 3250 Professional Writing
- PHI 1103 Critical Thinking
- POS 2041 American National Government
- SYG 2010 Contemporary Social Problems
- POS 2112 State and Local Government and Politics or POS 3142 Intro to Urban Politics and Government

Concentration Electives (7 hours)

- Seven (7) credit hours, selected with advisor’s approval

ADVISING INFORMATION

Daniel Shelnutt, Academic Advisor

BROADCAST NEWS (NWS) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN BROADCAST NEWS

TOTAL CONCENTRATION HOURS: 49

CONCENTRATION CORE (33 HOURS)

Required Courses (21 credit hours):

- JOU 4181 Public Affairs Reporting
- MMC 4200 History and Principles of Communications Law
- MMC 4420 Research Methods in Mass Communications
- RTV 3001 Introduction to Telecommunications
- RTV 3301 Broadcast News
- RTV 4304 TV News
- RTV 4321 Electronic Field Production
Other Requirements (12 credit hours):
The following courses are required outside the School to complete sequence requirements:

- PHI 1103 Critical Thinking
- POS 2041 American National Government
- SPC 2608 Public Speaking
- POS 2112 State and Local Government and Politics or POS 3142 Introduction to Urban Politics and Government

Concentration Electives (10 hours)

- Ten (10) credit hours of elective courses, selected with advisor’s approval.

ADVISING INFORMATION

Daniel Shelnutt, Academic Advisor

BROADCAST-PROGRAM AND PRODUCTION (PGM) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN BROADCAST-PROGRAM AND PRODUCTION

TOTAL CONCENTRATION HOURS: 43

CONCENTRATION CORE (27 HOURS)

Required Courses (21 credit hours):

- MMC 4200 History and Principles of Communications Law
- RTV 2100 Writing for Radio and TV
- RTV 3001 Introduction to Telecommunications
- RTV 3301 Broadcast News
- RTV 4542 TV Production and Direction
- RTV 4321 Electronic Field Production
- RTV 4500 Telecommunications Programming and Management

Other Requirements (6 credit hours):
The following courses are required outside the School to complete sequence requirements:

- PHI 1103 Critical Thinking
- CRW 2100 Narration and Description or ENC 3310 Expository Writing or ENC 3250 Professional Writing

Concentration Electives (10 hours)

- Ten (10) credit hours, selected with advisor’s approval

ADVISING INFORMATION

Daniel Shelnutt, Academic Advisor
The mathematics program offers a diversity of courses designed not only to enable the student to pursue a profession in mathematics itself, but also to enhance the student's competence in the fields of engineering, the physical sciences, the life sciences, and the social sciences. The program emphasizes the broad nature of modern mathematics and its close associations with the real world and prepares students for careers in industry or secondary education as well as entry into graduate school.

**STATE MANDATED COMMON COURSE PREREQUISITES**

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- COP XXXX A Scientific Programming Course designed for Computer Science Majors
- MAC X311 Calculus I
- MAC X312 Calculus II - Calculus with Analytic Geometry II
- MAC X313 Calculus III - Calculus with Analytic Geometry III
- MAP X302 Differential Equations
- BSC XXXX / XXXXL or CHM XXXX / XXXXL or PHY XXXX / XXXXL or GLY XXXX / XXXXL (One Laboratory-based Science course for Science majors)

**REQUIREMENTS FOR THE MAJOR IN MATHEMATICS**

**TOTAL MAJOR HOURS: 30**

**MAJOR REQUIREMENTS FOR THE B.A. DEGREE:**

**MAJOR CORE (30 HOURS)**

Minimum 45 credit hours; 30 credit hours in major coursework and 15 credit hours in concentration coursework. Upon completing the three requirements below (30 credit hours), students are required to complete one of the following three concentrations: Applied/Computational Mathematics, Pure Mathematics, or General Mathematics.

- **Core Requirement:** Majors must complete the following seven courses (24 credit hours):
  - MAC 2311 Calculus I or MAC 2281 Engineering Calculus I
  - MAC 2312 Calculus II or MAC 2282 Engineering Calculus II
  - MAC 2313 Calculus III or MAC 2283 Engineering Calculus III
  - MAS 3156 Vector Calculus
  - MAP 2302 Differential Equations
  - MGF 3301 Bridge to Abstract Mathematics
  - MAS 3105 Linear Algebra

- **Algebra Requirement:** Majors must complete the following course (3 credit hours):
  - MAS 4301 Elementary Abstract Algebra
Symbolic Computations Requirement: Majors must complete the following course (3 credit hours):
- COP 4313 Symbolic Computations in Mathematics

Mathematics-Related Courses (Minimum 6 credit hours):
Students must take two courses in Science or Engineering which are required courses for the majors within those departments. The two courses need not be in the same department. Science courses must include laboratories and be offered by the departments of Cell Biology, Microbiology and Molecular Biology; Chemistry; Geology; Integrative Biology or Physics.

GRADING REQUIREMENT
In general, grades of C- or better are required for courses in the mathematics major and minor and in the statistics major. However, C- is not an acceptable grade for any course that is being used as a prerequisite for a follow-on course. For these courses a grade of C (2.0 grade points) or better is required. Students whose prerequisites are more than three years old will be expected to take a placement test prior to taking a follow-on course.

RESIDENCY REQUIREMENT
Majors are required to take a minimum of 12 credit hours of required courses in the Department of Mathematics and Statistics at USF.

OTHER REQUIREMENTS
Those interested in pursuing advanced degrees in Mathematics may also be interested in the Honors Program and/or the Accelerated BA/MA Program, both detailed below.

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

OPTIONAL HONORS PROGRAM
HONORS PROGRAM IN MATHEMATICS
The program is designed for students who wish to obtain a B.A. degree that will indicate unusual strength in the field of mathematics. Successful completion of the program will be prominently displayed on the student's diploma and will be recorded on the official USF transcript of the student's work.

Students are eligible for admission to the program when they:

1. have completed MAS 4301 Elementary Abstract Algebra;
2. have at least a 3.0 GPA for all college courses; and
3. have at least a 3.5 GPA for all Mathematics courses.

Applications are submitted to the Undergraduate Committee in the Department of Mathematics and Statistics. The requirements for a B.A. degree in Mathematics with Honors are as follows:

1. Completion of the requirements of the major in Mathematics;
2. Completion of MAA 4211 Intermediate Analysis I;
3. Completion of MAT 4970 Mathematics Senior Thesis;
4. Completion of eight Mathematics courses at or above the 4000-level;
5. At least a 3.0 average for all college courses; and
6. At least a 3.5 average for all Mathematics courses.
At least 3 (and usually 6) credit hours of Mathematics Senior Thesis are required. There will be a thesis committee and the thesis will need to be successfully defended.

ACCELERATED B.A./M.A. PROGRAM

Accelerated B.A. in Mathematics and M.A. in Mathematics

This program is designed for superior students having a solid background in high school mathematics and the ability to handle a fast paced, challenging program leading to a B.A. in Mathematics and M.A. in Mathematics in four to five years.

ADVISING INFORMATION

Please visit the following website: http://math.usf.edu/resources/advising/ for additional information and all your advising needs.

MATHEMATICS FACULTY


APPLIED/COMPUTATIONAL MATHEMATICS (ACM) CONCENTRATION

This concentration is designed for majors whose interests lie in applications and/or computations. Majors who complete this concentration will be well prepared to explore problems from science, industry, and government.

REQUIREMENTS FOR THE CONCENTRATION IN APPLIED/COMPUTATIONAL MATHEMATICS

TOTAL CONCENTRATION HOURS: 45

CONCENTRATION CORE (12 HOURS)

Majors in this concentration must complete at least one (1) course (three credit hours) in each of the following areas: Numerical/Algorithms, Partial Differential Equations and Applications, Discrete Mathematics, and Statistics/Probability. Additionally students must choose one elective course.

Numerical/Algorithms Requirement – Choose one course.

- MAD 4401 Numerical Analysis I
- MAD 4402 Numerical Analysis II
- MAP 4202 Optimization

Partial Differential Equations and Applications Requirement - Choose one course.

- MAP 4341 Introduction to Partial Differential Equations

Discrete Mathematics Requirement - Choose one course.

- MAD 4203 Introduction to Combinatorics
- MAD 4301 Introduction to Graph Theory
- MAD 4504 Theory of Computation
- MAD 4471 Introduction to Cryptography and Coding Theory

Statistics/Probability Requirement - Choose one course.

- STA 4321 Introduction to Mathematical Statistics I
- STA 4442 Introduction to Probability
Concentration Electives (3 hours)

Majors must complete at least one (1) course (three credit hours) from the following electives. This course may NOT be used to fulfill any of the above requirements.

- MAD 4203 Introduction to Combinatorics
- MAD 4301 Introduction to Graph Theory
- MAD 4401 Numerical Analysis I
- MAD 4402 Numerical Analysis II
- MAD 4504 Theory of Computation
- MAD 4471 Introduction to Cryptography and Coding Theory
- MAP 4202 Optimization
- MAP 4341 Introduction to Partial Differential Equations
- MAT 4930 Selected Topics in Mathematics (may be taken as an elective with the prior approval of the department chair)

One course from another department that is of high mathematical content may also be taken as an elective, with the prior approval of the department chair.

ACCELERATED B.A. /M.A. PROGRAM

Accelerated B.A. in Mathematics and M.A. in Mathematics

This program is designed for superior students having a solid background in high school mathematics and the ability to handle a fast paced, challenging program leading to a B.A. in Mathematics and M.A. in Mathematics in four to five years.

GENERAL MATHEMATICS (GMM) CONCENTRATION

This concentration is designed for students whose interests lie in both applications and theory. Students who complete this concentration will be exposed to a variety of topics to help prepare the student for future endeavors in either aspect.

REQUIREMENTS FOR THE CONCENTRATION IN GENERAL MATHEMATICS

TOTAL CONCENTRATION HOURS: 45

CONCENTRATION CORE (6 HOURS)

Majors in this concentration must complete at least one (1) course (three credit hours) in each of the following areas: Applied Mathematics, Pure Mathematics. Additionally students must choose three elective courses.

Applied Mathematics Requirement (3 credit hours) - Majors in this concentration must complete one (1) course from the list below.

- MAD 4401 Numerical Analysis I
- MAD 4402 Numerical Analysis II
- MAD 4504 Theory of Computation
- MAD 4471 Introduction to Cryptography and Coding Theory
- MAP 4202 Optimization
- MAP 4341 Introduction to Partial Differential Equations
- STA 4321 Introduction to Mathematical Statistics I
- STA 4442 Introduction to Probability

Pure Mathematics Requirement (3 credit hours) - Majors in this concentration must complete one (1) course from the list below.

- MAA 4211 Intermediate Analysis I
- MAA 4212 Intermediate Analysis II
- MAA 4402 Complex Variables
- MAD 4203 Introduction to Combinatorics
• MAD 4301 Introduction to Graph Theory
• MAS 4302 Elementary Abstract Algebra II
• MTG 4214 Modern Geometry
• MTG 4254 Differential Geometry
• MTG 4302 Introduction to Topology

Concentration Electives (9 hours)

Majors in this concentration must complete three (3) courses (9 credit hours) from the list below. These courses may NOT be used to fulfill any of the above requirements.

• MAA 4211 Intermediate Analysis I
• MAA 4212 Intermediate Analysis II
• MAA 4402 Complex Variables
• MAD 4203 Introduction to Combinatorics
• MAD 4301 Introduction to Graph Theory
• MAD 4401 Numerical Analysis I
• MAD 4402 Numerical Analysis II
• MAD 4504 Theory of Computation
• MAD 4471 Introduction to Cryptography and Coding Theory
• MAP 4202 Optimization
• MAP 4341 Introduction to Partial Differential Equations
• MAS 4302 Elementary Abstract Algebra II
• MTG 4214 Modern Geometry
• MTG 4254 Differential Geometry
• MTG 4302 Introduction to Topology
• MAT 4930 Selected Topics in Mathematics (may be taken as an elective with the prior approval of the department chair)

One course from another department that is of high mathematical content may also be taken as an elective, with the prior approval of the department chair.

ACCELERATED B.A. /M.A. PROGRAM

Accelerated B.A. in Mathematics and M.A. in Mathematics

This program is designed for superior students having a solid background in high school mathematics and the ability to handle a fast paced, challenging program leading to a B.A. in Mathematics and M.A. in Mathematics in four to five years.

PURE MATHEMATICS (PMM) CONCENTRATION

This concentration is designed for majors whose interests lie in mathematical theory. Majors who complete this concentration will be well prepared to continue mathematical studies in graduate school and/or to explore mathematical theory in government and industry.

REQUIREMENTS FOR THE CONCENTRATION IN PURE MATHEMATICS

TOTAL CONCENTRATION HOURS: 45

CONCENTRATION CORE (12 HOURS)

Students in this concentration will need to complete Analysis requirement and complete one course in the following areas: Algebra and Discrete Mathematics, Advanced Analysis, Geometry and Topology. Additionally students must choose one elective course.

Analysis Requirement - Majors in this concentration must complete the following course:

• MAA 4211 Intermediate Analysis I

Majors in this concentration must also complete one (1) course (three credit hours) in each of the following areas:
Algebra and Discrete Mathematics Requirement - Choose one course.

- MAD 4203 Introduction to Combinatorics
- MAD 4301 Introduction to Graph Theory
- MAD 4504 Theory of Computation
- MAD 4471 Introduction to Cryptography and Coding Theory
- MAS 4302 Elementary Abstract Algebra II

Advanced Analysis Requirement - Choose one course.

- MAA 4212 Intermediate Analysis II
- MAA 4402 Complex Variables
- MAP 4341 Introduction to Partial Differential Equations

Geometry and Topology Requirement - Choose one course.

- MTG 4214 Modern Geometry
- MTG 4254 Differential Geometry
- MTG 4302 Introduction to Topology

Concentration Electives (3 hours)

Majors must complete at least one (1) course (three credit hours) from the following electives. This course may NOT be used to fulfill any of the above requirements.

- MAA 4212 Intermediate Analysis II
- MAA 4402 Complex Variables
- MAD 4203 Introduction to Combinatorics
- MAD 4301 Introduction to Graph Theory
- MAD 4504 Theory of Computation
- MAD 4471 Introduction to Cryptography and Coding Theory
- MAP 4341 Introduction to Partial Differential Equations
- MAS 4302 Elementary Abstract Algebra II
- MTG 4214 Modern Geometry
- MTG 4254 Differential Geometry
- MTG 4302 Introduction to Topology
- MAT 4930 Selected Topics in Mathematics (may be taken as an elective with the prior approval of the department chair)

One course from another department that is of high mathematical content may also be taken as an elective, with the prior approval of the department chair.

ACCELERATED B.A. /M.A. PROGRAM

Accelerated B.A. in Mathematics and M.A. in Mathematics

This program is designed for superior students having a solid background in high school mathematics and the ability to handle a fast paced, challenging program leading to a B.A. in Mathematics and M.A. in Mathematics in four to five years.
B.S. - MEDICAL TECHNOLOGY (MET)

(CIP = 51.1005)
TOTAL DEGREE HOURS: 120

http://chemistry.usf.edu/undergraduate/majors/medical/

The University of South Florida offers a four year program leading to the Bachelor of Science degree in Medical Technology. The first three years are completed on campus; the fourth year (12 months) is completed at one of three affiliated hospitals in Florida, located in Tampa, St. Petersburg, and Jacksonville. Admission to the fourth year is limited by the number of openings in affiliated hospitals and, at the present time, is competitive. Selection for the clinical program is made by the hospitals and students not admitted to a clinical program will need to select an alternate degree. Generally, hospitals require a minimum GPA of 2.50 to a 2.75, and our students admitted to clinical programs in recent years have had a mean GPA of 3.4 or higher. Students successfully completing this program will be granted a Bachelor of Science degree in Medical Technology.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- BSC X010C or BSC X011C or PCB X011C or PCB X013C or BSC X010/X010L or BSC X011/X011L or PCB X013/X013L
- BSC X093C or BSC X085C or ZOO X733C or ZOO X731C or PCB X510C or BSC X093/X093L or BSC X085/X085L or ZOO X733/X733L or ZOO X731/X731L or PCB X510/X510L
- BSC X094C or BSC X986C or PCB X703C or BSC X094/X094L or BSC X086/X086L or PCB X703/X703L or PCB X134/X134L
- CHM X045C or CHM X045/X045L
- CHM X046C or CHM X046/X046L
- CHM X210C or CHM X210/X210L
- MCB X013C or MCB X020C or MCB X023C or MCB X010C or MCB X013/013L or MCB X020/X020L or MCB X010/010L
- STA X014 or STA X023 or STA X024 or STA X321

REQUIREMENTS FOR THE MAJOR IN MEDICAL TECHNOLOGY

TOTAL MAJOR HOURS: 85

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (85 HOURS)

- BSC 2010 Cellular Processes
- BSC 2010L Cellular Processes Laboratory
- BSC 2011 Biodiversity
- BSC 2011L Biodiversity Laboratory
- BSC 2093C Human Anatomy and Physiology I or BSC 2085 Anatomy and Physiology I for Nursing and Other Healthcare Professionals and BSC 2085L Anatomy and Physiology Laboratory I for Nursing and Other Healthcare Professionals
- CHM 2045 General Chemistry I
- CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II
- CHM 2046L General Chemistry II Laboratory
- CHM 2210 Organic Chemistry I
- CHM 2210L Organic Chemistry Laboratory I
- CHM 2211 Organic Chemistry II
- CHM 2211L Organic Chemistry Laboratory II
- MAC 1105 College Algebra (or MAC 1147 Pre-calculus Algebra and Trigonometry)
- STA 2023 Introductory Statistics I
- MCB 3020 General Microbiology
- MCB 3020L General Microbiology Lab
- MCB 4115 Determinative Bacteriology
- MCB 4115L Determinative Bacteriology Lab
- PCB 3023 Cell Biology
- PCB 3023L Cell Biology Laboratory
- PCB 4234 Principles of Immunology (preferred) or HSC 4504 Public Health Immunology
- BCH 3053 General Biochemistry

Upon successful completion of this curriculum and acceptance by one of the affiliated hospitals, the student will complete twelve (12) continuous months of training at that hospital. Hospital programs begin in July or early August each year and some hospitals also have programs beginning in January. During this clinical training, the student will continue to be registered as a full-time student of the University and will receive a total of 30 credit hours of coursework in the following courses, which will be taught at the hospital:

- MLS 4038 Introduction to Medical Technology
- MLS 4860 Clinical Urinalysis and Body Fluid
- MLS 4861 Clinical Immunology
- MLS 4862 Clinical Hematology
- MLS 4863 Clinical Microbiology
- MLS 4864 Clinical Chemistry
- MLS 4865 Clinical Immunohematology
- MLS 4866 Clinical Laboratory Management and Education

All courses required for admission to the clinical program must be completed prior to beginning the clinical year. These requirements include:

1. A minimum of 90 semester hours (excluding physical education).
2. All university FKL Liberal Arts requirements.
3. State Communication Requirement (formerly known as Gordon Rule Writing) and State Computation Requirement (formerly known as Gordon Rule Math).
4. All sciences and mathematics requirements listed below, including common prerequisites and those specific to USF, with a "C" or higher in each course.

**General Electives.** Courses over and above the required courses should be taken to complete a 120 hour program. Additional courses in computer programming, economics, management, engineering, statistics, writing, and other applied disciplines are strongly recommended to strengthen the degree for subsequent professional employment.

**Transfer Credit:** It is strongly recommended that students transferring from community/state colleges to the University of South Florida complete whole sequences of chemistry courses, such as general and organic chemistry, before they transfer. Even though courses may carry the same common course number, topics covered may vary significantly from school to school.
Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning D and/or F grades. Students unable to successfully complete these courses within these prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.

Furthermore, any student who requests a change of major to one offered in the below identified departments will be required to meet these prescribed parameters as well as those criteria outlined in the Degree Progression Policy 10-505. Any continuing student who was previously forced to select a different major based on previous versions of this policy may now be eligible to pursue the majors listed below, but only if they meet both the criteria described here as well as the Degree Progression Policy 10-505 criteria. Students who are able to complete one of the below majors by earning fewer credit hours than required to complete any other major offered at USF may petition to request an exception and should contact the School of Natural Sciences and Mathematics Advising Office for instructions. Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

Included Departments/Divisions:
Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

Included courses:
BCH 3053; BSC 2010; BSC 2011; BSC 2085; BSC 2086; BSC 2093C; BSC 2094C; BSC 2932; CHM 2023; CHM 2045; CHM 2046; CHM 2210; CHM 2211; CHS 2440; MAT 1033; MAC 1105; MAC 1147; MAC 2214; MAC 2242; MAC 2281; MAC 2282; MAC 2311; MAC 2312; MCB 3020; PCB 3023; PCB 3053; PHY 2053; PHY 2054; PHY 2048; PHY 2049; PHY 2060; PHY 2061; STA 2023.

GRADING REQUIREMENT

A grade of C or better is required for science and mathematics courses and each supporting course for the Major. All courses in any chemistry major must be taken with letter grade (A, B, C, D, F, I) except those courses which are graded S/U only.

RESEARCH OPPORTUNITIES

The Department of Chemistry offers the opportunity for students to participate in undergraduate research with Chemistry faculty. Students can apply for the Academic Research Experience for Undergraduates (REU) Program and find more information here: http://chemistry.usf.edu/undergraduate/reu/. Students who wish to enroll in an undergraduate research course with a Chemistry faculty member should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in a 0 credit research course. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Academic Advisors in the Department of Chemistry, as well as the Office for Undergraduate Research, can assist students in understanding the various course options.

ADVISING INFORMATION

Department of Chemistry Advising: chemadvise@usf.edu or http://chemistry.usf.edu/advising/.

MEDICAL TECHNOLOGY FACULTY

B.S. - MICROBIOLOGY (MIC)
(CIP = 26.0503)
TOTAL DEGREE HOURS: 120

This degree specializes in the study of bacteria and other microbes, primarily at the cell and molecular level, and focuses on disease causing microbes. The Microbiology core and elective requirements include specialized microbiology courses necessary to qualify for certification by the National Registry of Microbiologists, American Society of Microbiology, and employment in microbiology and related fields. Many microbiology majors plan to apply to medical or dental school, while others plan careers as professional microbiologists in industry and government. Others become teachers or aspire to graduate training in microbiology.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- BSC X010/X010L Biology I with Lab or BSC X010C or BSC X040/X040L or PCB X011C
- BSC X011/X011L Biology II with Lab or BSC X011C or BSC X041/X041L
- CHM X045/X045L General Chemistry I with Lab or CHM X045C or (CHM X040 and CHM X041)
- CHM X046/X046L General Chemistry II with Lab or CHM X046C
- CHM X210/X210L Organic Chemistry I with Lab and CHM X211/X211L or (CHM X210C and CHM X211C) or (PHY X053/X053L and PHY X054/X054L) or (PHY X048/X048L and PHY X049/X049L)
- MAC X311 Calculus I or MAC X233 or MAC X253 or MAC X281
- MAC X312 Calculus II or MAC X232 or MAC X234 or STA X023 or STA X024 or STA X321

REQUIREMENTS FOR THE MAJOR IN MICROBIOLOGY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 32-34 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- CHM 2045 General Chemistry I
- CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II
- CHM 2046L General Chemistry II Laboratory
- CHM 2210 Organic Chemistry I
- CHM 2210L Organic Chemistry I Laboratory
- CHM 2211 Organic Chemistry II
- CHM 2211L Organic Chemistry II Laboratory
- MAC 2241 Life Sciences Calculus I and MAC 2242 Life Sciences Calculus II
  or
  - MAC 2281 Engineering Calculus I and MAC 2282 Engineering Calculus II
  or
MAC 2311 Calculus I and MAC 2312 Calculus II
- STA 2023 Introductory Statistics I may be substituted for any Calculus II
- PHY 2048/2048L General Physics I - Calculus Based and PHY 2049/2049L General Physics II - Calculus Based (Note: PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049)
or
- PHY 2053/2053L General Physics I and General Physics 1 Laboratory and PHY 2054/2054L General Physics II and General Physics II Laboratory

TOTAL MAJOR HOURS: 43

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (31 HOURS)
- BSC 2010 Cellular Processes
- BSC 2010L Cellular Processes Laboratory
- BSC 2011 Biodiversity
- BSC 2011L Biodiversity Laboratory
- PCB 3023 Cell Biology
- PCB 3023L Cell Biology Laboratory
- PCB 3063 General Genetics
- PCB 3063L General Genetics Laboratory
- MCB 3410 Cell Metabolism
- MCB 3020 General Microbiology
- MCB 3020L General Microbiology Laboratory
- MCB 4115 Determinative Bacteriology
- MCB 4115L Determinative Bacteriology Laboratory
- MCB 4320 Molecular Microbiology

MAJOR ELECTIVES (12 HOURS)
- BCH 3053 General Biochemistry
- BOT 4434C Mycology
- BSC 4905 Independent Study (1 credit maximum)
- BSC 5931 Selected Topics in Biology*
- MCB 4313 Industrial Microbiology and Biotechnology
- MCB 4223 Food Microbiology
- MCB 4404 Microbial Physiology and Genetics
- MCB 4404L Microbial Physiology and Genetics Laboratory
- MCB 4503 Virology
- MCB 4905 Microbiology Undergraduate Research (1 or 2 credit hours/semester, no more than 4 credits total)
- MCB 4933 Selected Topics in Microbiology*
- MCB 4934 Seminar in Microbiology
- MCB 5206 Public Health and Pathogenic Microbiology
- MCB 5655 Applied and Environmental Microbiology
- MCB 5815 Medical Mycology
- PCB 4234 Principles of Immunology
- PCB 4671 Molecular Evolution
- ZOO 4753 Human Histology and Molecular Pathology of Disease

*Selected topics approved for the major by the Department of Cell Biology, Microbiology and Molecular Biology
Effective Fall 2018, all students in the below listed programs must successfully complete the below science and math coursework without earning D and/or F grades. Students unable to successfully complete these courses within these prescribed parameters will be required to select a different major and will not be permitted to take any additional courses offered by the below Departments/Divisions. In addition, registration for all courses offered by these departments will be dependent on students meeting the prescribed parameters regardless of their major.

Furthermore, any student who requests a change of major to one offered in the below identified departments will be required to meet these prescribed parameters as well as those criteria outlined in the Degree Progression Policy 10-505. Any continuing student who was previously forced to select a different major based on previous versions of this policy may now be eligible to pursue the majors listed below, but only if they meet both the criteria described here as well as the Degree Progression Policy 10-505 criteria. Students who are able to complete one of the below majors by earning fewer credit hours than required to complete any other major offered at USF may petition to request an exception and should contact the School of Natural Sciences and Mathematics Advising Office for instructions. Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

Included Departments/Divisions:
Division of Health Professions Advising; Department of Chemistry; Department of Cell Biology, Microbiology and Molecular Biology; and Department of Integrative Biology.

Included courses:
BCH 3053, BSC 2010, BSC 2085, BSC 2086, BSC 2093C, BSC 2094C, BSC 2932, CHM 2023, CHM 2045, CHM 2046, CHM 2210, CHM 2211, CHS 2440, MAT 1033, MAC 1105, MAC 1147, MAC 2241, MAC 2242, MAC 2281, MAC 2282, MAC 2311, MAC 2312, MCB 3020, PCB 3023, PCB 3063, PHY 2053, PHY 2054, PHY 2048, PHY 2049, PHY 2060, PHY 2061, STA 2023.

GRADING REQUIREMENT
A student must receive a C- grade or better in all Department of Cell Biology, Microbiology, and Molecular Biology courses and supporting courses in the natural sciences, except if they are used as general elective courses. This specification applies to both USF and transfer courses. Please note that some supporting science courses may require a grade of C or better in order to meet the prerequisite requirements for course sequences.

RESIDENCY REQUIREMENT
A minimum of 20 credits hours of courses must be taken in residency and be applicable to the major. Once a student has matriculated to USF Tampa, he/she is expected to take 100 percent of the required major coursework at USF Tampa.

RESEARCH OPPORTUNITIES
A maximum of 2 credit hours of Undergraduate Research (MCB 4905) may be taken in a single semester, and a maximum of 4 credit hours of Undergraduate Research may be applied as electives.

ACCELERATED B.S/M.S. PROGRAM
Accelerated B.S. in Microbiology and M.S. in Microbiology
This program allows undergraduate Microbiology to take graduate courses for the elective part of the Microbiology major and apply them to a non-thesis M.S. in Microbiology. Successful students will be able to earn the M.S. degree in two additional semesters beyond the completion of the B.S. degree.

ADVISING INFORMATION
BioAdvise: Science Center (SCA) 203, (813) 974-3250
http://biology.usf.edu/bioadvise/
Email: bioadvise@usf.edu.
B.A. - PHILOSOPHY (PHI)

(CIP = 38.0101)
TOTAL DEGREE HOURS: 120

http://philosophy.usf.edu/

This degree prepares our majors to go on to graduate school, medical school, law school, or choose to enter the workforce in a wide variety of public, private, governmental, and non-profit agencies. Faculty in the department collaborate with an extensive group of disciplines, providing students across campus with a site for interdisciplinary learning and teaching. Given the intensity and rigor of study, including analytical reading and critical writing, our majors make themselves extremely attractive to potential employers.

STATE MANDATED COMMON COURSE PREREQUISITES

Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the University’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for this program. Students are encouraged to take several Philosophy courses with the PHH, PHI, PHM, or PHP prefix.

REQUIREMENTS FOR THE MAJOR IN PHILOSOPHY

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (15 HOURS)

Courses for the major are divided into four groups: history, logic, capstone, and electives. Within the history and elective groups, students have considerable latitude in selecting their courses; however, it is expected that they do so in consultation with their major advisor and Philosophy faculty with a view toward achieving a balanced program of study.

Students pursuing Philosophy as a second major are required to complete 30 hours in Philosophy coursework

I. History of Philosophy – 9 credit hours:

Choose three of the following courses:

- PHH 3062 History of Western Philosophy: Ancient Philosophy
- PHH 3280 Medieval and Renaissance Philosophy
- PHH 3420 Early Modern Philosophy
- PHH 3442 Late Modern Philosophy
- PHH 4440 Continental Philosophy
- PHH 4600 Contemporary Philosophy
- PHH 4700 American Philosophy
- PHH 4820 Chinese Philosophy
- PHM 4331 Modern Political Philosophy
- PHP 3786 Existentialism
- PHP 4000 Plato
II. Logic – 3 credit hours:

Choose one of the following courses:

- **PHI 3130** Formal Logic (Strongly encouraged)
- **PHI 2101** Introduction to Formal Logic

III. Capstone Seminar – 3 credit hours:

- **PHI 4938** Philosophy Capstone Seminar

**MAJOR ELECTIVES (21 HOURS)**

Choose seven courses (21 credit hours) from the following prefixes: PHH, PHI, PHM and PHP. (Fifteen credit hours for students taking Philosophy as a second major) No more than six elective hours taken at the 1000 and 2000 level may count toward the Philosophy major. Courses taken to fulfill the nine hours of History of Philosophy requirement (I.) will not count toward elective hours in the major.

**GRADING REQUIREMENT**

No grade below C- in any required philosophy course or philosophy elective may count toward the major.

**RESIDENCY REQUIREMENT**

No more than six hours of Philosophy electives and three hours of required Philosophy coursework taken at institutions other than USF may count toward the major.

**RESEARCH OPPORTUNITIES**

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

**OPTIONAL HONORS PROGRAM**

**Honors Program**

The Honors Program in Philosophy allows superior students to pursue philosophical studies at a more advanced level than is customary in undergraduate Philosophy programs. Students in the Honors Program will be required to do independent research and to write and defend an undergraduate thesis.

**Admission Criteria:**

1. Students must already have declared a major in Philosophy.
2. Students must complete nine (9) hours in Philosophy at the 3000-level or higher (PHI 2101 may count toward the nine hours).
3. Students must have an overall grade point average of 3.5 or better, and their grade point average in Philosophy coursework must be at least a 3.50 or better.
4. Students who wish to be considered for the Honors Program must request to be nominated by a member of the faculty. Once nominated by a faculty member, a majority of the faculty who have taught the student must approve the student's admission to the Honors Program.

**Program Requirements:**

In addition to completing the requirements for the Major in Philosophy, students must meet the following requirements:
1. Students cannot receive a grade lower than a “B” in any Philosophy course, and their GPA in Philosophy coursework must be at least 3.50 to remain in, or be graduated from, the Honors Program.

2. Students must write a senior thesis and undergo an oral examination on the thesis before a committee of two Philosophy faculty members. Students will register for three hours in directed study in Philosophy (PHI 4905 or IDH equivalent), with supervision of Philosophy faculty, for work on their thesis. Students who are in the Honors College may use the same project to count for both Philosophy Honors and an Honors College thesis. In such cases, the student shall not register for directed study in Philosophy (PHI 4905) as part of completing the thesis.

3. Students must complete 36 credit hours in Philosophy.

OTHER INFORMATION

Students pursuing Philosophy as a second major are required to complete 30 hours in Philosophy coursework. To do so they must make a written request to the Undergraduate Director at the time they declare their Philosophy major.

ADVISING INFORMATION

Philosophy Advising: PhilosophyAdvise@usf.edu
Academic Advisor: Andrew Bird, 813-974-6957, ajbird@usf.edu
Undergraduate Program Director: Michael Morris, 813-974-5620, michael34@usf.edu

PHILOSOPHY FACULTY


B.A. - PHYSICAL SCIENCES (PSBA)

(CIP = 40.0801 - TRACK 1 OF 3)
TOTAL DEGREE HOURS: 120

The degree in Physical Sciences will prepare students for employment in technical fields requiring a background in one or more of the physical sciences.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- CHM X045/X045L General Chemistry I (with lab) or CHM X040 & CHM X041 or CHM X045C
- CHM X046/X046L General Chemistry II (with lab) or CHM X046C
- MAC X311 Calculus I or MAC X281
- MAC X312 Calculus II or MAC X282
- MAC X313 Calculus III or MAC X283
- (PHY X048/X048L General Physics I and PHY X049/X049L) or (PHY X048C and PHY X049C)
REQUIREMENTS FOR THE MAJOR IN PHYSICAL SCIENCES

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 28 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- **CHM 2045** General Chemistry I and **CHM 2045L** General Chemistry I Laboratory
- **CHM 2046** General Chemistry II and **CHM 2046L** General Chemistry II Laboratory
- **MAC 2311** Calculus I or **MAC 2281** Engineering Calculus I
- **MAC 2312** Calculus II or **MAC 2282** Engineering Calculus II
- **MAC 2313** Calculus III or **MAC 2283** Engineering Calculus III
- **PHY 2048** General Physics I – Calculus Based and **PHY 2048L** General Physics I Laboratory
  - or **PHY 2060** Enriched General Physics I with Calculus and **PHY 2048L** is strongly recommended
- **PHY 2049** General Physics II – Calculus Based and **PHY 2049L** General Physics II Laboratory
  - or **PHY 2061** Enriched General Physics II with Calculus and **PHY 2049L** is strongly recommended

*NOTE: **PHY 2060** may substitute for **PHY 2048** and **PHY 2061** may substitute for **PHY 2049**.

TOTAL MAJOR HOURS: 25

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (6 HOURS)

Computational Science Requirement (6 credit hours)

Choose any two of the following courses:

- **COP 4313** Symbolic Computations in Mathematics (PR: **MAS 3105** and **MAP 2302**)
- **GLY 3866** Computational Geology
- **PHZ 4151C** Computational Physics
- **MAD 4401** Numerical Analysis I (PR: **MAP 2302** and **MAS 3105**)
- **MAD 4471** Introduction to Cryptography and Coding Theory (PR: **MAS 3105** and **MGF 3301**)
- **MAD 4504** Theory of Computation (PR: **MGF 3301** and **MAD 3107**)

MAJOR ELECTIVES (19 HOURS)

Choose 19 credit electives from the following list of courses:

- **CHM 2210** Organic Chemistry I
- **CHM 2210L** Organic Chemistry I Laboratory
- **CHM 3120C** Elementary Analytical Chemistry
- **CHM 3610** Intermediate Inorganic Chemistry
- **CHM 3610L** Intermediate Inorganic Chemistry Laboratory
- **CHM 4410** Physical Chemistry I
- **CHM 4410L** Physical Chemistry I Lab
- **CHM 4413** Biophysical Chemistry
- **ESC 2000** Introduction to Earth Science
- **GEO 3280** Environmental Hydrology
- **GLY 2010** Dynamic Earth: Introduction to Physical Geology
- **GLY 3311C** Mineral, Petrology, Geochemistry
- **MAP 2302** Differential Equations
- **MAS 3105** Linear Algebra
- **MAS 3156** Vector Calculus
Other courses may count, subject to approval by the Physics Undergraduate Coordinator. A maximum of 12 credit hours may be included from courses in Chemical, Biomedical, Electrical, Mechanical, and Civil Engineering that have either PHY 2049, PHY 2061 or CHM 2046 as prerequisites.

Note: Students may need to satisfy additional prerequisites prior to taking some of the listed courses.

GPA REQUIREMENTS

Students must maintain a minimum GPA of 2.0 in courses required for the major.

COURSE GRADE REQUIREMENT

The minimum satisfactory letter grade for any course used to satisfy requirements for the major is C-.

RESEARCH OPPORTUNITIES

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

B.S. - PHYSICAL SCIENCES (PSBS)

(CIP = 40.0801 - TRACK 1 OF 3)

TOTAL DEGREE HOURS: 120

The degree in Physical Sciences will prepare students for employment in technical fields requiring a background in one or more of the physical sciences.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.
Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- CHM X045/X045L General Chemistry I (with lab) or CHM X040 & CHM X041 or CHM X045C
- CHM X046/X046L General Chemistry II (with lab) or CHM X046C
- MAC X311 Calculus I or MAC X281
- MAC X312 Calculus II or MAC X282
- MAC X313 Calculus III or MAC X283
- (PHY X048/X048L General Physics I and PHY X049/X049L) or (PHY X048C and PHY X049C)

REQUIREMENTS FOR THE MAJOR IN PHYSICAL SCIENCES

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 28 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- CHM 2045 General Chemistry I and CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II and CHM 2046L General Chemistry II Laboratory
- MAC 2311 Calculus I or MAC 2281 Engineering Calculus I
- MAC 2312 Calculus II or MAC 2282 Engineering Calculus II
- MAC 2313 Calculus III or MAC 2283 Engineering Calculus III
- PHY 2048* General Physics I – Calculus Based and PHY 2048L General Physics I - Calculus Based Laboratory
  - or PHY 2060 Enriched General Physics I with Calculus and PHY 2048L is strongly recommended
- PHY 2049* General Physics II – Calculus Based and PHY 2049L General Physics II - Calculus Based Laboratory
  - or PHY 2061 Enriched General Physics II with Calculus and PHY 2049L is strongly recommended

*NOTE: PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.

TOTAL MAJOR HOURS: 39

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (6 HOURS)

Computational Science Requirement (6 credit hours)

Choose any two of the following courses:

- COP 4313 Symbolic Computations in Mathematics (PR: MAS 3105 and MAP 2302)
- GLY 3866 Computational Geology
- PHZ 4151C Computational Physics
- MAD 4401 Numerical Analysis I (PR: MAP 2302 and MAS 3105)
- MAD 4471 Introduction to Cryptography and Coding Theory (PR: MAS 3105 and MGF 3301)
- MAD 4504 Theory of Computation (PR: MGF 3301 and MAD 3107)

MAJOR ELECTIVES (33 HOURS)

Choose 33 credit hours from the following list of courses:

- CHM 2210 Organic Chemistry I
- CHM 2210L Organic Chemistry I Laboratory
- CHM 3120C Elementary Analytical Chemistry
- CHM 3610 Intermediate Inorganic Chemistry
- CHM 3610L Intermediate Inorganic Chemistry Laboratory
- CHM 4410 Physical Chemistry I
- CHM 4410L Physical Chemistry I Lab
- CHM 4413 Biophysical Chemistry
- ESC 2000 Introduction to Earth Science
- GEO 3280 Environmental Hydrology
- GLY 2010 Dynamic Earth: Introduction to Physical Geology
- GLY 3311C Mineral, Petrology, Geochemistry
- MAP 2302 Differential Equations
- MAS 3105 Linear Algebra
- MAS 3156 Vector Calculus
- MGF 3301 Bridge to Abstract Math
- OCE 2001 Introduction to Oceanography
- PHY 3101 Modern Physics
- PHY 3220 Classical Mechanics (PR: PHY 3101 and PHZ 3113)
- PHY 3323 Electricity and Magnetism I (PR: PHY 3101 and PHZ 3113)
- PHY 3822L Intermediate Laboratory (CR: PHY 3101)
- PHY 4424 Optics (PR: PHY 3101)
- PHY 4604 Introduction to Quantum Mechanics (PR: PHY 3101 and PHZ 3113)
- PHY 4744C Introduction to Electronics and Test Instrumentation (PR: PHY 3822L)
- PHY 4823L Advanced Laboratory (PR: PHY 3822L)
- PHY 4930 Undergraduate Seminar
- PHZ 3113 Mathematical Methods in Physics
- PHZ 4151C Computational Physics (may not count for both the computational science and major electives requirements)

Other courses may count, subject to approval by the Physics Undergraduate Coordinator. A maximum of 12 credit hours may be included from courses in Chemical, Biomedical, Electrical, Mechanical, and Civil Engineering that have either PHY 2049, PHY 2061 or CHM 2046 as prerequisites.

Note: Students may need to satisfy additional prerequisites prior to taking some of the listed courses.

GPA REQUIREMENTS

Students must maintain a minimum GPA of 2.0 in courses required for the major.

COURSE GRADE REQUIREMENT

The minimum satisfactory letter grade for any course used to satisfy requirements for the major is C-.

RESEARCH OPPORTUNITIES

All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office of Undergraduate Research will assist students in understanding the various course options.
The B.S. program is intended for students planning to pursue graduate studies in physics or a closely related field.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- CHM X045/X045L General Chemistry I (with lab) or CHM X040 & CHM X041 or CHM X045C
- CHM X046/X046L General Chemistry II (with lab) or CHM X046C
- MAC X311 Calculus I or MAC X281
- MAC X312 Calculus II or MAC X282
- MAC X313 Calculus III or MAC X283
- (PHY X048/X048L General Physics I and PHY X049/X049L) or (PHY X048C and PHY X049C)

REQUIREMENTS FOR THE MAJOR IN PHYSICS

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 20 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- CHM 2045 General Chemistry I
- CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II
- CHM 2046L General Chemistry II Laboratory
- MAC 2311 Calculus I or MAC 2281 Engineering Calculus I
- MAC 2312 Calculus II or MAC 2282 Engineering Calculus II
- MAC 2313 Calculus III or MAC 2283 Engineering Calculus III
TOTAL MAJOR HOURS: 47

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (42 HOURS)

Physics Courses (42 hours):

- **PHY 2048** General Physics I*
- **PHY 2048L** General Physics I Laboratory
- **PHY 2049** General Physics II*
- **PHY 2049L** General Physics II Laboratory
- **PHY 3101** Modern Physics
- **PHZ 3113** Mathematical Methods in Physics
- **PHY 3822L** Intermediate Laboratory
- **PHY 3220** Classical Mechanics
- **PHY 3323** Electricity and Magnetism I
- **PHY 4823L** Advanced Laboratory
- **PHY 4910** Undergraduate Research (2 hours recommended)
- **PHY 4604** Introduction to Quantum Mechanics
- **PHY 4930** Undergraduate Seminar
- **PHY 4324** Electricity and Magnetism II
- **PHY 4523** Statistical Physics
- **PHY 4605** Quantum Mechanics II

*NOTE: **PHY 2060** may substitute for **PHY 2048** and **PHY 2061** may substitute for **PHY 2049**.

MAJOR ELECTIVES (5 HOURS)

Plus 5 credit hours of Physics electives subject to approval of undergraduate advisor.

GRADING REQUIREMENT

A minimum grade of "C" is required for all physics classes in the curriculum.

RESIDENCY REQUIREMENT

A minimum of 20 credit hours of physics courses in residency.

RESEARCH OPPORTUNITIES

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

ADVISING INFORMATION

Physics Advising: physics.usf.edu/ug/advising/
physicsadvise@usf.edu

PHYSICS FACULTY

The B.A. program is designed for students who are not currently planning to attend physics graduate school and/or who want to pursue parallel studies in other fields such as mathematics, biology, chemistry, computer science, engineering, business, pre-med, pre-law, and teacher education.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- CHM X045/X045L General Chemistry I (with lab) or CHM X040 & CHM X041 or CHM X045C
- CHM X046/X046L General Chemistry II (with lab) or CHM X046C
- MAC X311 Calculus I or MAC X281
- MAC X312 Calculus II or MAC X282
- MAC X313 Calculus III or MAC X283
- (PHY X048/X048L General Physics I and PHY X049/X049L) or (PHY X048C and PHY X049C)

REQUIREMENTS FOR THE MAJOR IN PHYSICS

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 20 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student's final semester.

- CHM 2045 General Chemistry I
- CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II
- CHM 2046L General Chemistry II Laboratory
- MAC 2311 Calculus I or MAC 2281 Engineering Calculus I
- MAC 2312 Calculus II or MAC 2282 Engineering Calculus II
- MAC 2313 Calculus III or MAC 2283 Engineering Calculus III

TOTAL MAJOR HOURS: 33

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (31 HOURS)

Physics Courses (33 hours):
- PHY 2048 General Physics I*
- PHY 2048L General Physics I Laboratory
• PHY 2049 General Physics II*
• PHY 2049L General Physics II Laboratory
• PHY 3101 Modern Physics
• PHZ 3113 Mathematical Methods in Physics
• PHY 3822L Intermediate Laboratory
• PHY 3220 Classical Mechanics
• PHY 3323 Electricity and Magnetism I
• PHY 4823L Advanced Laboratory
• PHY 4930 Undergraduate Seminar
• PHY 4604 Introduction to Quantum Mechanics

*NOTE: PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.

MAJOR ELECTIVES (2 HOURS)

Plus two (2) credit hours of Physics electives subject to approval of undergraduate advisor.

GRADING REQUIREMENT

A minimum grade of "C" is required for all physics classes in the curriculum.

RESIDENCY REQUIREMENT

A minimum of 20 credit hours of physics courses in residency.

RESEARCH OPPORTUNITIES

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

ACCELERATED B.A. / M.A.T. PROGRAM

Accelerated B.A. in Physics and M.A.T. in Science Education

This program intends for students to complete a B.A. in Physics (College of Arts and Sciences) and M.A.T. in Science Education (College of Education) over the span of five years. Students completing this program will be eligible for high school and/or middle school science teacher certification. Completion of this program requires students to complete 12 credit hours toward the M.A.T. in Science Education during their senior year in the Physics (B.A.) major.

OTHER INFORMATION

Teacher Education Programs

For information concerning the degree programs for secondary school teachers, see College of Education, Department of Secondary Education.

ADVISING INFORMATION

physicsadvise@usf.edu

PHYSICS FACULTY

The undergraduate program leading to the B.A. degree in political science offers a general purpose degree, and a number of more specialized alternatives. The program is designed for students interested in and seeking to understand political problems, issues, and the nature of the political process, as well as the philosophical and legal basis of political structures and processes at local, state, national, and international levels. Satisfying the degree requirements prepares students for positions in the public and private sectors, for law school, for graduate work in political science, international relations, public administration, and related disciplines, for positions in education, and for applied political activity.

**STATE MANDATED COMMON COURSE PREREQUISITES**

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- POS X041 or POS XXX or INR XXXX or CPO XXXX
- POS XXXX or INR XXXX or CPO XXXX

**REQUIREMENTS FOR THE MAJOR IN POLITICAL SCIENCE**

**TOTAL MAJOR HOURS: 36**

**MAJOR REQUIREMENTS FOR THE B.A. DEGREE:**

**MAJOR CORE (12 HOURS)**

A minimum of 36 credit hours is required to satisfy the requirements of the major. Students must take the 12 credit hours of required core courses in Political Science coursework. No more than six (6) credit hours can be taken from POS 4905, POS 4910 and POS 4941. Students enrolled in the Washington, D.C. semester program may have this rule altered by their advisor. (A GPA of 3.0 is required to enroll in these courses; the Chair may grant special exception for students with a GPA between 2.70 and 2.99).

In addition, all Political Science majors are required to take at least three (3) credit hours of Economics coursework. (Please see an advisor for recommendations.)

- **CPO 2002** Introduction Comparative Politics or **INR 2002** Introduction to International Relations
  - Note that either **CPO 2002** or **INR 2002** must be taken as a core course. However, the other course not taken as a core course may be taken as an elective.
- **POS 2041** American National Government
- **POT 3003** Introduction to Political Theory
- **POS 3713** Empirical Political Analysis
Students should complete POT 3003 and POS 3713 by the end of their junior year; students transferring with 45 credit hours or more are encouraged to complete these courses within their first two semesters in residence at USF.

Students are further advised to not take POS 3713 and POT 3003 in the same semester. Please consult with the Political Science advisor with any questions regarding these recommendations.

MAJOR ELECTIVES (24 HOURS)

Students must choose electives from the seven fields listed below with at least one course from Field I, one course from Field II or III, and one course from any of Fields IV, V, VI, or VII. Core required courses must be completed before a course from a given field or field grouping may be taken.

Field I: Political Theory
- POT 3013 Classical Political Theory
- POT 4064 Contemporary Political Thought
- POT 4054 Modern Political Theory
- POT 4204 American Political Thought
- POT 4936 Selected Topics in Political Theory

Field II: Comparative Government and Politics
- AFA 2380 History and Theory of Genocide
- AFS 2250 Culture and Society of Africa
- AFA 4931 Selected Topics in Africana Studies: Haiti
- ANT 4340 The Caribbean
- CPO 4034 Politics of the Development Areas
- CPO 4930 Comparative Government and Politics of Select Areas
- CPO 5934 Selected Topics in Comparative Politics
- ASN 3012 Japan Today
- ASN 3014 China Today
- ASN 3030 The Middle East
- EUS 3000 Europe
- EUS 3022 Russia
- LAS 3002 Latin America

Field III: International Relations
- AFA 2380 Theory and History of Genocide
- AFA 4150 Africa and the United States
- INR 3102 American Foreign Policy
- INR 4403 International Law
- INR 4035 International Political Economy
- INR 4502 International Organizations
- INR 3336 Intelligence and U.S. Foreign Policy
- INR 4254 Africa in World Affairs
- INR 3011 Globalization
- INR 3018 World Ideologies
- INR 3033 International Political Cultures
- INR 3038 International Wealth and Power
- INR 3084 International Terrorism
- INR 3141 Global Security Policy
- INR 3202 International Human Rights
- INR 4083 Conflict in the World
- INR 5086 Issues in International Relations

Field IV: American National and State Governments
- AMS 3700 Racism in American Society
- **POS 2080** The American Political Tradition
- **POS 3182** Florida Politics and Government
- **POS 4413** The American Presidency
- **POS 2112** State and Local Government and Politics
- **POS 3453** Political Parties and Interest Groups
- **POS 4424** The American Congress
- **POS 3173** Southern Politics
- **POS 4204** Political Behavior, Public Opinion and Elections
- **PUP 4323** Women and Politics

**Field V: Urban Government and Politics**
- **POS 3142** Introduction to Urban Politics and Government
- **URP 4050** City Planning and Community Development

**Field VI: Public Policy**
- **INR 3102** American Foreign Policy
- **PUP 4203** Environmental Politics and Policy
- **PUP 4002** Public Policy
- **PUP 4323** Women and Politics
- **PUP 5607** Public Policy and Health Care
- **URP 4050** City Planning and Community Development

**Field VII: Law and Politics**
- **AMS 3700** Racism in American Society
- **INR 4403** International Law
- **POS 3691** Introduction to Law and Politics
- **POS 4614** Constitutional Law I
- **POS 4624** Constitutional Law II
- **POS 3283** Judicial Process and Politics
- **POS 3697** Environmental Law
- **POS 4693** Women and Law I
- **POS 4694** Women and Law II

The following courses are not included within any of the seven fields, but may still be used as elective hours:
- **AMH 3571** African American History to 1865
- **AMH 3572** African American History to 1865
- **PAD 3003** Introduction to Public Administration
- **PAD 4144** Non-Profit & Public Policy
- **PAD 4415** Personnel & Supervision in Today's Organization
- **URP 4052** Urban and Regional Planning
- **PAD 4204** Public Financial Administration
- **POS 4941** Field Work
- **POS 4905** Independent Study
- **POS 4910** Individual Research
- **POS 3931** Selected Topics (**POS 3931** can be repeated more than twice as a POL Elective. However, the Selected Topic course title listed with the course must be different each time taken to earn major credit)
- **POT 4109** Politics and Literature

**GRADING REQUIREMENT**

A grade of C- or better is required in all core courses.
RESIDENCY REQUIREMENT

Students transferring credit hours toward a major in Political Science must complete a minimum of 21 credit hours within the Department, regardless of the number of credits transferred.

OTHER REQUIREMENTS

All Political Science majors are required to take at least three (3) credit hours of Economics coursework.

RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

Political Science has a fieldwork program that allows students to obtain part-time internships with state and local government and with political parties at the state and local level. Academic credit is available for such internships. For further information, please refer to http://gia.usf.edu/el/.

OTHER INFORMATION

The Political Science major offers a pre-law plan designed for undergraduate students who are considering a career related to law (courses on Law and Politics are listed under Field VII of the Political Science undergraduate curriculum). The pre-law plan is available to students of all majors. The courses making up the field are of particular interest to law-oriented students but may be taken by others as well. Those following the pre-law plan are recommended to complete courses that can help them develop necessary skills to study law. Students receive the skills and information needed for entry into a number of law-related positions in business and government. Please see the departmental undergraduate advisor to obtain more information about the pre-law plan and refer to http://hennarot.forest.usf.edu/main/depts/IGS/undergraduate/pre-law-track/.

Prior to admission to law school, a student must take the Law School Admission Test (LSAT), as given by the Educational Testing Service of Princeton, New Jersey.

Students should plan to take the test at least one year prior to planned enrollment in law school.

ADVISING INFORMATION

To contact an advisor you may visit http://hennarot.forest.usf.edu/main/depts/IGS/undergraduate/political-science/ or and to schedule an appointment, please go to: http://usfweb3.usf.edu/appointments/StudentSignon.asp.

POLITICAL SCIENCE FACULTY

The undergraduate program in Psychology offers the student a well-rounded liberal arts education. In addition, the program provides excellent training for qualified students who wish to pursue graduate work in such disciplines as Clinical, Cognitive and Neural Sciences or Industrial Psychology, Education, Gerontology, Counseling, Management, Medicine, Law, and other human service programs. The undergraduate major emphasizes the breadth of psychology while allowing the student some electives to pursue in depth a particular aspect of the field. Interested undergraduate majors may apply for admission to the Honors Program.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- BSC X0XX General Biology course or BSC X20X or ZOO X010
- PSY X012 Introduction to Psychological Science
- PSY XXXX or CLP XXXX or DEP XXXX or EAB XXXX or EXP XXXX or INP XXXX or PCO XXXX or PPE XXXX or PSB XXXX
- STA XXXX

REQUIREMENTS FOR THE MAJOR IN PSYCHOLOGY

TOTAL MAJOR HOURS: 34

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (25 HOURS)

Majors must complete at least 34 credit hours of specified Psychology major coursework.

1. Introductory Psychology Requirements (10 credit hours):
   - PSY 2012 Introduction to Psychological Science
   - PSY 3204 Psychological Statistics or any approved statistics course
   - PSY 3213 Research Methods in Psychology

After the introductory psychology requirements, students may choose among courses within the following categories to satisfy the remaining requirements.

2. One Methods Course: (3 credit hours):
   - CLP 4433 Psychological Tests and Measurements
   - PSY 4205 Experimental Design and Analysis

3. Two Courses in Cognitive and Neural Sciences (6 credit hours):
EXP 4204C Perception
EXP 4404 Psychology of Learning
PSB 4004C Physiological Psychology
EXP 4304 Motivation
EXP 4680C Cognitive Psychology

4. Two Courses in Social/Applied Psychology (6 credit hours):
   - CLP 4143 Abnormal Psychology
   - INP 4004 Industrial Psychology
   - SOP 4004 Social Psychology
   - DEP 4053 Developmental Psychology
   - PPE 4003 Personality

MAJOR ELECTIVES (9 HOURS)

Psychology Elective Courses (9 credit hours):

If a student takes PSY 3204 to meet the statistics requirement, the student must take three Psychology elective courses (9 credit hours). However, if a student took a different statistics course, the student must take four Psychology elective courses (12 credit hours).

The Psychology elective courses may be chosen from the courses listed in the above categories beyond the required number for each group and/or any of the following;

- CBH 4004 Comparative Psychology
- CLP 4134 Abnormal Child Psychology
- CLP 4314 Health Psychology**
- CLP 4414 Behavior Modification
- CLP 4941 Community Practicum in Selected Topics
- EXP 4640 Psychology of Language
- GEY 4612 Psychology of Aging**
- IDS 4942 Community Internship
- SOP 4702 Psychology of Gender**
- PSB 3444 Drugs and Behavior**
- PSY 4215 Discovering Research in Psychology
- PSY 4913 Directed Study (instructor's permission is required to take this course)
- PSY 4931 Select Topics: Seminar (generally this course requires the instructor's permission)

**No prerequisite required.

PSY 3204 or other approved statistics course is the prerequisite to PSY 3213. PSY 3213 is the prerequisite to all of the upper-level Psychology coursework, with the exception of CLP 4314 Health Psychology, PSB 3444 Drugs and Behavior, SOP 4702 Psychology of Gender, and GEY 4612 Psychology of Aging.

No more than a total of three (3) hours of PSY 4913 Directed Study or PSY 4970 Honors Thesis or CLP 4941 Community Practicum or IDS 4942 Community Internship may count toward the major.

PSY 4931 Select Topics, may be repeated three (3) times for credit under three different topics.

DEP 3103 Child Psychology, SOP 3742 Psychology of Women, SYP 3000 Social Psychology, PSY 4932 Honors Seminar and PSY 4974 Honors Psych Seminar Second do not count toward the major requirements.

Department of Psychology students are expected to complete their major coursework in a timely fashion. Students who receive a total of three (3) D and/or F grades in Psychology major coursework will no longer be eligible to continue in the Psychology major and will be required to change their major to a field outside of the Department of Psychology. Grade forgiveness will not exclude a D or F grade from counting for this rule.

Students who began as Psychology majors prior to Fall 2012 will be provided a phase-in period. Specifically, students who accumulated D and/or F grades in Psychology coursework at USF prior to Fall 2012 will be allowed to count any and all prior non-pass grades as one (1) D/F grade. Beginning Fall 2012, these students can still receive two (2) more D and/or F grades at USF before being required to choose a new major.
Once Psychology major students have received three (3) D and/or F grades in Psychology major coursework, they will be removed from all Department of Psychology courses for which they are currently registered, removed from the Psychology major and placed into a non-major code, and emailed the notice of changes to their @mail.usf.edu account. Students will then need to select a new major, declare the new major with the appropriate college, and register for courses which apply to their new major.

The D/F Rule application is final and effective from the beginning of Fall 2012. To be considered for an appeal, a student must meet at least one of the following criteria:

1. Can (and must) complete all degree or minor requirements within one semester, with no more than 10 hours of Psychology area requirements.
2. No longer have 3 D/F grades because the Academic Regulations Committee approved a late withdrawal/drop for one or more of the Psychology courses.
3. No longer have 3 D/F grades because of an instructor change of grade in one or more of the Psychology area courses.

To appeal, the student must send an email to psychad@usf.edu; in the Subject line indicate D/F Appeal and in the body include name, student’s U# and a complete explanation of the reason for the appeal. Appeals will be adjudicated by the Undergraduate Coordinator and students notified of results by email.

Undergraduate Coordinator decisions may be appealed in writing to the Psychology department’s Undergraduate Program Committee.

**GPA REQUIREMENTS**

A major GPA of 2.0 minimum is required for graduation.

**COURSE GRADE REQUIREMENT**

A C- is allowable for individual courses.

**GRADING REQUIREMENT**

A minimum grade of “C-” or better must be attained in each course in the major, except for PSY 2012, PSY 3204 (or other qualifying statistics course) and PSY 3213, where a C or better is required.

**RESIDENCY REQUIREMENT**

Students transferring credit hours toward a major in Psychology must complete a minimum of 15 credit hours within the Department at USF, regardless of the number of credit hours transferred.

**RESEARCH OPPORTUNITIES**

The Department of Psychology offers the opportunity for students to participate in undergraduate research with Psychology faculty. Students who wish to enroll in an undergraduate research course (PSY 4913 Directed Study) with a Psychology faculty member should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in a 0-credit research course. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Academic Advisors in the Department of Psychology, as well as The Office for Undergraduate Research can assist students in understanding the various course options.

**OPTIONAL HONORS PROGRAM**

Psychology Honors Program

The purpose of the Honors Program is to provide a select group of qualified undergraduate Psychology majors an opportunity to undertake an intensive individualized research experience. The culmination of the Honors Program is the completion and defense of an honors thesis. Application for the program will take place during the first semester of the student’s junior year or, typically, prior to completion of 90 semester credits. Admission to the program is competitive and based on the student's overall academic record, performance in psychology courses, a letter of recommendation from a member of the Department of Psychology's faculty, agreement of a faculty member to serve as the thesis advisor, and strong performance in the Discovering Research in Psychology course, if offered.

Successful completion of the program requires:
A GPA of 3.50 in all major coursework,
• An overall GPA of 3.25 at USF, and,
• Completion of 43 hours in Psychology including PSY 4932 Honors Seminar, PSY 4974 Honors Seminar Second Semester, and 6 hours of PSY 4970 Honors Thesis.

Please see the Department of Psychology's website (http://psychology.usf.edu) for details and the application form.

ADVISING INFORMATION
Department of Psychology Undergraduate Advising: psychad@usf.edu or http://psychology.usf.edu/ug/advising/.

PSYCHOLOGY FACULTY

B.S. - QUANTITATIVE ECONOMICS AND ECONOMETRICS (QEE)

(CIP = 45.0601)
TOTAL DEGREE HOURS: 120
http://economics.usf.edu/undergraduate/

The B.S. in Quantitative Economics and Econometrics is a baccalaureate degree focusing on the more analytical and applied aspects of economics, including forecasting, program and business evaluation, benefit/cost analysis and economic impact analysis.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

• ECO X013 Economic Principles: Macroeconomics and ECO X023
• ECO XXXX and ECO XXXX
REQUIREMENTS FOR THE MAJOR IN QUANTITATIVE ECONOMICS AND ECONOMETRICS

TOTAL MAJOR HOURS: 33

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (30 HOURS)

- ECO 2013 Economic Principles: Macroeconomics
- ECO 2023 Economic Principles: Microeconomics
- ECO 2052 Analytical Tools for Economists
- ECO 3101 Intermediate Price Theory
- ECO 3203 Intermediate Macroeconomics
- ECO 4401 Introduction to Mathematical Economics
- ECO 4421 Introduction to Econometrics
- STA 2023 Introductory Statistics

Choose two of the following courses:
- ECO 4105 Advanced Price Theory
- ECO 4201 Advanced Macroeconomics Theory
- ECO 4935 Selected Topics in Economics: Forecasting and Time Series Analysis

MAJOR ELECTIVES (3 HOURS)

- ECO 3703 International Economics
- ECO 4303 History of Economic Thought
- ECO 4504 Public Finance
- ECO 4704 International Trade and Policy
- ECP 3203 Labor Economics
- ECP 3302 Environmental Economics
- ECP 3403 Industrial Organization
- ECP 3413 Economics of Regulation and Antitrust
- ECP 3530 Economics of Health
- ECP 3613 Urban Economics
- ECP 3623 Regional Economics
- ECP 4006 Economics of Sport
- ECP 4451 Law and Economics
- ECP 4505 Economics of Crime
- ECP 4510 Economics of Education
- ECS 3013 Economic Development
- ECS 4003 Comparative Economic Systems

NOTE: ECO 1000 (if taken before both ECO 2013 and ECO 2023) if student receives a C- or better may be substituted for a maximum of 3 hours of upper level elective credit.

- MAC 2233 Business Calculus or MAC 2311 Calculus I (or the equivalent) is an acceptable substitute for ECO 2052.
- QMB 3200 Business and Economics Statistics II is an acceptable substitute for STA 2023.
- ECO 2052, MAC 2233 Business Calculus, or MAC 2311 Calculus I (or the equivalent) must be taken as a prerequisite for ECO 3101 and ECO 3203.
- ECP 3703 Managerial Economics may be substituted for ECO 3101. Students may not take both for credit.
- No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914.
- Economics majors taking coursework at the other USF institutions may not be able to fulfill all Economics course requirements at those institutions.
All students entering USF for the first time, in Fall 2012 or later, who earn 3 (three) D and/or F grades in any of the following courses at USF: ECO 2013, ECO 2023, ECO 3101, ECO 3203, STA 2023 (or QMB 2100) and ECO 2052 (or MAC 2233 or MAC 2311 or equivalent) will be required to change their major to a major more appropriate to their goals and academic performance, and to a major that is not conferred by the Department of Economics through the College of Arts and Sciences.

All continuing USF students who entered USF prior to Fall 2012 and who have not earned any D or F grades in any of the following courses at USF: ECO 2013, ECO 2023, ECO 3101, ECO 3203, STA 2023 (or QMB 2100) and ECO 2052 (or MAC 2233 or MAC 2311 or equivalent) by the beginning of Fall 2012, will also be allowed 3 (three) D and/or F grades in those courses before being required to change their major to a major more appropriate to their goals and academic performance, and to a major that is not conferred by the Department of Economics through the College of Arts and Sciences.

All continuing USF students who entered USF prior to Fall 2012 and who have earned 1 (one) or more D or F grades in any of the following courses at USF: ECO 2013, ECO 2023, ECO 3101, ECO 3203, STA 2023 (or QMB 2100), and ECO 2052 (or MAC 2233 or MAC 2311 or equivalent) by the beginning of Fall 2012, will only be allowed 2 (two) more D and/or F grades in those courses before being required to change their major to a major more appropriate to their goals and academic performance, and to a major that is not conferred by the Department of Economics through the College of Arts and Sciences.

Grade Forgiveness will NOT apply to the mandated requirement of changing majors.

Appeals to the required change of major will be handled in the Economics Department and ONLY those students whose appeal is based on exceptional circumstances will be considered.

COURSE GRADE REQUIREMENT

Students must obtain a grade of "C-" or higher in ECO 3101 or ECP 3703 in order to enroll in any course for which ECO 3101 or ECP 3703 is a prerequisite.

GRADING REQUIREMENT

Students must obtain a grade of "C-" or higher in all courses required for the major or minor in Economics.

RESIDENCY REQUIREMENT

At least 18 credit hours of Economics upper-level coursework must be taken in residence at USF.

RESEARCH OPPORTUNITIES

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

ADVISING INFORMATION

Advisors in the College of Arts and Sciences or the Transitional Advising Center will be available to assist students in the selection of a new major in their respective colleges.

Department of Economics; econadvise@usf.edu.

QUANTITATIVE ECONOMICS AND ECONOMETRICS FACULTY

B.A. - RELIGIOUS STUDIES (REL)

(CIP = 38.0201)
TOTAL DEGREE HOURS: 120

http://religious-studies.usf.edu/ugrad/requirements/

Certified Global Pathway Program

In Religious Studies, students are exposed to a cross-cultural and multi-disciplinary study of the way in which both individuals and civilizations are deeply influenced by human religious experience. The goal is to enable the educated person to understand better the various ways in which religious values and institutions shape human behavior through a comparative study of religions and cultures. Such an education is invaluable for careers as diverse as journalism, law, medicine, business, as well as careers more directly related to the practice of religion. Majors in Religious Studies will also find courses designed to give them the methodological, theoretical and linguistic skills needed to go on to advanced graduate study in the field.

This program has been certified as a Global Pathway. Global Pathway programs have significant global content and align with the goals of USF’s Quality Enhancement Plan, the Global Citizens Project. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.

STATE MANDATED COMMON COURSE PREREQUISITES

Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the University's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for this program. All Florida College System students are encouraged to complete the Associate degree. Students should consult with an academic advisor in their major degree area at the intended transfer institution. Students are encouraged to take several Religion courses with the REL prefix.

REQUIREMENTS FOR THE MAJOR IN RELIGIOUS STUDIES

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (36 HOURS)

Students must choose a total of 36 credit hours from Religious Studies courses. Transfer students may not apply more than 12 hours taken elsewhere toward the major at the University of South Florida.

Students declaring Religious Studies as a second major need to complete 30 credit hours. To do so they must make a written request to the Undergraduate Director at the time they declare the second major.

All majors must take the following (15 credit hours):

- REL 2306 Contemporary World Religions
- REL 3308 World Religions
- REL 3040 Introduction to Religious Studies
- REL 3043 Introduction to Major Religious Texts
- REL 4931 Seminar in Religion

Completion 21 additional credit hours that satisfy the following requirements:

Complete 21 additional credit hours of Religious Studies courses, of which at least 18 credit hours must be at the 3000- and/or 4000-level (see listing below) and of which no more than 6 credit hours can be the following variable credit individualized courses: REL 3900 Directed Readings or REL 4910 Undergraduate Research.

- REL 2166 Introduction to Religion and Ecology
- REL 2210 Hebrew Bible/Old Testament
- REL 2240 Introduction to the New Testament
- REL 2300 Introduction to World Religions
- REL 3101 Religion and Popular Culture
- REL 3111 The Religious Quest in Contemporary Films
- REL 3114 Comedy, Tragedy, and Religion
- REL 3116 Religion and Contemporary American Holidays
- REL 3117 Religion and Contemporary American Sports
- REL 3120 Religion in America
- REL 3131 New Religions in America
- REL 3132 Witchcraft and Paganism in America
- REL 3140 Religion, Culture, and Society
- REL 3145 In Search of the Goddess
- REL 3146 Women and Religion
- REL 3170 Religion, Ethics and Society Through Film
- REL 3191 Life After Death
- REL 3280 Biblical Archaeology
- REL 3303 Comparative Religion: Judaism and Islam
- REL 3318 Introduction to Chinese Religion
- REL 3330 Religions of South Asia
- REL 3335 Gods and Goddesses of India
- REL 3340 Buddhism Truths and Paths
- REL 3363 Introduction to Islam
- REL 3367 Islam in the Modern World
- REL 3375 Issues in Caribbean Religions
- REL 3380 Native American Religions
- REL 3420 Contemporary Religious Thought
- REL 3444 Womanist Vision in Religion
- REL 3465 Religion and the Meaning of Life
- REL 3500 History of Christianity
- REL 3505 Introduction to Christianity
- REL 3561 Roman Catholicism
- REL 3602 Classics of Judaism
- REL 3607 Introduction to Judaism
- REL 3611 History of Judaism
- REL 3613 Modern Judaism
- REL 3936 Selected Topics
- REL 4108 Religion and Food
- REL 4113 The Hero and Religion
- REL 4133 Mormonism in America
- REL 4171 Contemporary Christian Ethics
- REL 4177 Comparative Religious Ethics
- REL 4188 Religion and Ecology Seminar
- REL 4193 Comparative Mysticism
- REL 4213 Early Jewish Literature
- REL 4215 Ancient Israel and the Development of the Hebrew Bible
- REL 4216 Who Wrote the Bible (Genesis-Kings)
- REL 4250 Jesus’ Life and Teachings
- REL 4252 New Testament II: Pauline Letters
- REL 4291 Women and the Bible
- REL 4333 Hindu Texts and Contexts
COLLEGE OF ARTS & SCIENCES

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- REL 4499 Classics of Christian Thought
- REL 4566 Old Order Anabaptists
- REL 4936 Selected Topics

GRADING REQUIREMENT

Only letter grades of at least C- or better will be counted toward the minimum of 24 credit hours taken at the University of South Florida for transfer students or 36 (for non-transfer students) credit hours necessary to complete the 36 credit hours required for the major.

RESEARCH OPPORTUNITIES

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

OPTIONAL HONORS PROGRAM

HONORS PROGRAM IN RELIGIOUS STUDIES

The purpose of the Honors Program in Religious Studies is to provide outstanding undergraduates with advanced and individualized learning opportunities in Religious Studies and their areas of special interest in this field. In addition it will serve to facilitate more direct contact between students in the program and their faculty mentors. In this program, students who have demonstrated significant academic achievement will inquire into issues and questions in the study of religion at an advanced level under the guidance of faculty members with demonstrated expertise in their fields of study and a strong commitment to teaching. Upon completion of the program, the student’s transcript will state that the student graduated with Honors in Religious Studies.

Application for the program should be submitted during a student’s Junior year. However, students who are in their senior year may be considered for admission, providing that they apply in the Fall Term, and meet the admission requirements. Accepted students will be notified of their admission to the Honor’s Program in the Spring Term. For seniors who are accepted into the program, they will be notified by the end of the Fall Term, in which they applied.

Admissions Criteria

1. The student must have an overall GPA of at least 3.25.
2. The student must have completed REL 3040 (Introduction to Religious Studies) and at least 12 additional hours of course work in the Religious Studies Department.
3. The student’s GPA in Religious Studies courses is to be at least 3.5
4. The student is to furnish a letter of recommendation from a Religious Studies faculty member who is familiar with the applicant’s work.
5. The student is to furnish a statement from a Religious Studies faculty member expressing her/his willingness to serve as chair of the applicant’s thesis committee.
6. The student is to submit a brief statement of qualification for the program and his or her area(s) of special interest.

At the discretion of the committee one or more of these requirements may be waived for exceptional students.

Requirements for Completion of Departmental Honors

1. Complete of a USF degree with an overall GPA of 3.25 or higher.
2. Completion of the requirements for a Religious Studies major with a GPA of 3.5 or higher in the major.
3. Completion of at least five (5) credit hours of research intensive courses with a minimum grade of B. This may be in any combination of the following: a. REL 4911 Undergraduate Research b. REL 4931 Seminar in Religion c. A 4000-level course or higher that has a research intensive component, signified by the including of a 0-credit IDS 4914.

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4. Honors students are to work with their advisor to select and refine one piece of the student’s written work. This should be presented either at the Office of Undergraduate Research’s annual Symposium in the Spring Semester of their senior year and/or in a separate venue arranged by the student and advisor.

Honors Program Committee

Administration of the Honors Program will be the responsibility of the department’s Honors Committee. This committee will review applications, select participants, and in general oversee and evaluate the program. It is within the power of the committee to allow exceptions to admission criteria and criteria for graduation with departmental honors.

The Religious Studies Honors Program should not be confused with the University Honors College, although students may participate simultaneously in both programs.

- **REL 4911** Undergraduate Research (Honors Thesis) (five credit hours)
- **REL 4937** Selected Topics (Honors Seminar)
- **REL 4938** Selected Topics (Honors Seminar)

ACCELERATED B.A./M.A. PROGRAM

RELIGIOUS STUDIES FACULTY

*Chair & Associate Professor:* M. DeJonge; *Associate Chair & Master Instructor:* D. deChant; *Distinguished University Professor:* J.F. Strange; *Professor:* D. Jorgensen; *Associate Professors:* C. Fisher; *Emeritus Professors:* S. Garcia, S. Mandell, M.G. Mitchell; *Assistant Professors:* G. Ben-Herut; *Senior Instructors:* P. Schneider; W. Schanbacher; *Affiliated Faculty:* J. Cavendish, M. Decker, T. Williams, W. Zhang.

B.A. - SOCIOLOGY (SOC)

(CIP = 45.1101 - TRACK 2 OF 2)

**TOTAL DEGREE HOURS: 120**

[http://sociology.usf.edu/ug/](http://sociology.usf.edu/ug/)

The Sociology major is designed to provide students with a broad liberal arts education and a greater understanding and insight into the social systems and processes that bear upon everyday lives. Opportunities for students with Bachelor's degrees in Sociology are quite varied. Some go on to work for human service agencies; others work in personnel, criminal justice, and urban planning; others enter graduate programs in sociology, education, law, medicine, or social work. Toward these ends, all students are encouraged to become skilled in the use of computers and libraries.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- SYA XXXX or SYD XXXX or SYG XXXX or SYO XXXX or SYP XXXX
- SYA XXXX or SYD XXXX or SYG XXXX or SYO XXXX or SYP XXXX
REQUIREMENTS FOR THE MAJOR IN SOCIOLOGY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 3 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- STA 2122 Social Science Statistics or its equivalent

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (12 HOURS)

The major consists of a minimum of 36 credit hours of Sociology coursework plus STA 2122 Social Science Statistics or its equivalent.

The minimum of 36 credit hours in Sociology must include the following four core courses (12 credit hours):

- SYG 2000 Introduction to Sociology
  - (May be replaced with an upper level sociology elective if a total of 12 or more hours of sociology coursework is completed before declaring a Sociology major)
- SYA 3110 Classical Theory
- SYA 3300 Research Methods (PR: STA 2122 Social Science Statistics or its equivalent)
- SYA 4935 Senior Seminar

MAJOR ELECTIVES (24 HOURS)

The remaining 24 hours of Sociology coursework may be comprised of any upper-level courses offered by the Sociology department. In addition, SYG 2010 Contemporary Social Problems may count toward these 24 hours of electives. No more than three hours each of SYA 4910 Individual Research and SYA 4949, Sociological Internship, may count toward the 24 hours of electives.

Areas of Concentration

Sociology majors may choose to complete an optional area of concentration in either "Inequality and Social Justice" or "Identity and Community" by completing one required course and three elective courses (all with a grade of C- or better) listed within the area selected. In some cases, it may be possible to complete both areas of concentration, however, students may count a particular course as an elective for only one area of concentration.

GRADING REQUIREMENT

Only courses in which a grade of "C-" or better is attained will count toward the minimum hours.

RESIDENCY REQUIREMENT

At least 27 of the 36 hours of coursework in Sociology must be USF Tampa credits.

RESEARCH OPPORTUNITIES

To register for Individual Research (SYA 4910) students must make arrangements with the individual faculty member with whom they wish to take the course well in advance of the semester in which the course will be taken. Departmental approval of the contract agreed upon by the student and faculty is required before the student can register for the course.

The department also offers a course, on a limited basis, Sociological Research Experience (SYA 4304). If the course is scheduled to be offered, please contact the instructor listed for approval to be admitted to the course.
INTERNSHIP OPPORTUNITIES

The Sociology Internship (SYA 4949) is offered if the student is concurrently enrolled in "Disability and Society" (SYO 4430), "Sustainable Consumption" (SYD 4512), and a few other specific courses, and only with permission of the instructor of that course. If you are interested in an internship connected to a specific course, please contact the undergraduate program director (mayberry@usf.edu) for further guidance and information. This course is taught as an S/U (Satisfactory/Unsatisfactory) grade and only for 1-3 credit hours. Further information about Service Internship opportunities can be found on the sociology department's webpage: http://sociology.usf.edu/ug/internships/.

OPTIONAL HONORS PROGRAM

Through the Undergraduate Honors Program, the Department of Sociology provides its outstanding students with opportunities to work closely with faculty and graduate students with shared interests in specific areas of social experience. Students accepted into the program select a faculty mentor with expertise in the area of study of interest to the student. Under the supervision of this mentor, honors students conduct sociological research in their area of interest culminating in the preparation of an honors thesis. Students typically apply to the Honors Program in the Spring Semester during their junior year for admission for the following Fall. If you are interested in the Undergraduate Honors Program, please contact the Undergraduate Program Director, Maralee Mayberry at mayberry@usf.edu for more information and application materials.

Minimum Eligibility Requirements:

1. Junior standing.
2. 12 semester hours of Sociology course work with a major GPA of 3.0 by the end of the semester in which application is made.
3. Overall USF GPA of 3.0 or higher.
4. Selection and approval of faculty mentor.

Completion Requirements:

1. Completion of all requirements for the major.
2. Completion of at least one upper-level elective relevant to the thesis (course must be approved by faculty mentor).
3. USF overall and major GPA of at least 3.0.
4. Successful completion of the Honors Seminar.
6. Applications for the Undergraduate Honors Program in Sociology are available in the Sociology department (CPR 209). Please make an appointment with the Undergraduate Program Director, Maralee Mayberry at mayberry@usf.edu before completing the application.

ADVISING INFORMATION

Students are strongly encouraged to make an appointment to talk with the Sociology Department undergraduate advisor when they have questions about major requirements or about which electives offered each semester would best meet their educational and career goals.

Shani Garza, Cooper Hall (CPR) 364, (813) 974-9249 or Brandon Kroll, Cooper Hall (CPR) 235, (813) 974-6893.

SOCIOLGY FACULTY

Chairperson: James Cavendish; Associate Chairperson: L. Graham; Professors: E. Aranda, R. Benford, D. Jacobson, D. Loseke, M. Mayberry, J. Skvoretz; Associate Professors: J. Cavendish, S. Crawley, J. Friedman, L. Graham, C. Greek, S. Green, M. Kleiman, M. Kusenbach, C. Ponticelli, W. Tyson, E. Hordge-Freeman; Assistant Professors: S. Bingham; Beatriz Padilla; Instructors: C. Partin, E. Toothman; Professors Emeriti: E. Nesman, D. Stamps, R. Wheeler.
IDENTITY AND COMMUNITY (IDC) CONCENTRATION
(CIP = 45.1101)
TOTAL DEGREE HOURS: 120

http://sociology.usf.edu/ug/concentration/

The Department of Sociology offers an optional area of concentration in "Identity and Community" for Sociology majors. Courses included in this area of concentration focus on the changing relationships among individuals and their communities in light of technological advances, globalization, environmental crises, political developments, and social problems. This area of concentration will be listed on your official transcript and can be useful as you market your skills to potential employers after graduation.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- SYA XXXX or SYD XXXX or SYG XXXX or SYO XXXX or SYP XXXX (6 credit hours)

REQUIREMENTS FOR THE CONCENTRATION IN IDENTITY AND COMMUNITY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 3 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- STA 2122 Social Science Statistics or its equivalent

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE - 12 HOURS

The minimum of 36 credit hours in Sociology must include the following four core courses (12 credit hours):

- SYG 2000 Introduction to Sociology
  - (May be replaced with an upper level sociology elective if a total of 12 or more hours of sociology coursework is completed before declaring a Sociology major)
- SYA 3110 Classical Theory
- SYA 3300 Research Methods (PR: STA 2122 Social Science Statistics or its equivalent)
- SYA 4935 Senior Seminar

MAJOR CORE (3 HOURS)

- SYP 4111 Identity and Community
MAJOR ELECTIVES (21 HOURS)

Select nine (9) credit hours of coursework from the following list:

- SYA 3310 Qualitative Inquiry
- SYA 4121 Queer Theory
- SYD 3700 Racial and Ethnic Relations
- SYD 4238 Immigrants to America
- SYD 4410 Urban Sociology
- SYD 4411 Urban Life
- SYG 3235 Latina/Latino Lives
- SYO 3120 Sociology of Families
- SYO 3200 Sociology of Religion
- SYO 3460 Sociology of the Media
- SYO 4204 Religion and Immigration
- SYO 4573 Social Networks
- SYO 3562 Family Violence
- SYP 4012 Emotions in Society
- SYP 4420 Consumer Culture
- SYP 4510 Sociological Aspects of Deviance
- SYP 4650 Sport in Society
- SYP 4675 Animals & Society
- SYP 4763 Sociology of Childhood and Youth
- SYP 4304 Sociological Research Experience - with approval
- SYA 4910 Individual Research - with approval
- SYA 4949 Sociological Internship - with approval
- SYA 4304 Sociological Research Experience - with approval

- SYA 4930 Topics in Sociology - approved topics
  - Contemporary Bodies
  - Transitions to Adulthood
  - Self and Society
  - Muslims in America
  - Social Media and Globalization
  - Sociology of Culture
  - Afro-Brazilian Culture and Society - summer study abroad course

The remaining 12 hours of Sociology coursework may be comprised of any upper-level courses offered by the Sociology department.

ADVISING INFORMATION

Students are strongly encouraged to make an appointment to talk with the Sociology Department Undergraduate Advisor when they have questions about concentration courses and requirements or about which concentration courses will be offered each semester.

INEQUALITY AND SOCIAL JUSTICE (ISJ) CONCENTRATION

(CIP = 45.1101)
TOTAL DEGREE HOURS: 120

http://sociology.usf.edu/ug/concentration/

The Department of Sociology offers an optional area of concentration in "Inequality and Social Justice" for sociology majors. Course included in this area of concentration focus on the political, social, and academic intersections among inequalities and the strategies we can implement to address them in a just manner. This area of concentration will be listed on your official transcript and can be useful as you market your skills to potential employers after graduation.
STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- SYA XXXX or SYD XXXX or SYG XXXX or SYO XXXX or SYP XXXX (6 credit hours)

REQUIREMENTS FOR THE CONCENTRATION IN INEQUALITY AND SOCIAL JUSTICE

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 3 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- STA 2122 Social Science Statistics or its equivalent

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE - 12 HOURS

The minimum of 36 credit hours in Sociology must include the following four core courses (12 credit hours):

- SYG 2000 Introduction to Sociology
  - (May be replaced with an upper level sociology elective if a total of 12 or more hours of sociology coursework is completed before declaring a Sociology major)
- SYA 3110 Classical Theory
- SYA 3300 Research Methods (PR: STA 2122 Social Science Statistics or its equivalent)
- SYA 4935 Senior Seminar

MAJOR CORE (3 HOURS)

- SYO 4536 Inequalities and Social Justice

MAJOR ELECTIVES (21 HOURS)

Select nine (9) credit hours of coursework from the following list:

- SYA 4121 Queer Theory
- SYD 3700 Racial and Ethnic Relations
- SYD 4238 Immigrants to America
- SYD 4512 Sustainable Consumption
- SYD 4800 Gender and Society
- SYG 3011 Social Problems Through Film
- SYG 3235 Latina/Latino Lives
- SYO 3120 Sociology of Families
- SYO 3530 Social Inequalities in a Global Society
- SYO 4204 Religion and Immigration
- SYO 4250 Sociology of Education
- SYO 4400 Medical Sociology
- SYO 4430 Disability and Society
- SYO 4572 Hidden Structures of Social Life
- SYP 3004 Constructing Social Problems
- SYP 3060 Sociology of Sexualities
- SYP 3562 Family Violence
- SYP 4420 Consumer Culture
- SYP 4510 Sociological Aspects of Deviance
- SYP 4513 Elite Deviance
- SYP 4651 Gender, Sport and the Body
- SYA 4304 Sociological Research Experience - with approval
- SYA 4910 Individual Research - with approval
- SYA 4949 Sociological Internship - with approval
- SYA 4930 Topics in Sociology - approved topics
  - Religion and Immigration
  - LGBT Youth in Education
  - Sociology of the Body
  - Children of Immigration
  - Environment and Society
  - Political Sociology
  - Gender and Social Movements
  - Afro-Brazilian Culture and Society - summer study abroad course
  - Stratification and Mobility
  - Social Media and Globalization
  - Social Movements

The remaining 12 hours of Sociology coursework may be comprised of any upper-level courses offered by the Sociology department.

ADVISING INFORMATION

Students are encouraged to make an appointment to talk with the Sociology Department Undergraduate Advisor when they have questions about concentration courses and requirements or about which concentration courses will be offered each semester.

B.A. - STATISTICS (STC)

(CIP = 27.0501)
TOTAL DEGREE HOURS: 120

http://math.usf.edu/ug/stats/

Statistics is a science of information gathering, data analysis, and decision making. It is a discipline that blends the applied with the theoretical and our courses reflect this mix. These courses provide an excellent preparation for careers in industrial statistics, actuarial science, biostatistics, and statistical research.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- COP XXXX A Scientific Programming Course designed for Computer Science Majors
- MAC X311 Calculus I
- MAC X312 Calculus II - Calculus with Analytic Geometry II
- MAC X313 Calculus III
- STA 2XXX Statistics
- BSC XXXX / XXXXL or CHM XXXX / XXXXL or PHY XXXX / XXXXL or GLY XXXX / XXXXL

REQUIREMENTS FOR THE MAJOR IN STATISTICS

TOTAL MAJOR HOURS: 46

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (31 HOURS)

Students must complete the following four courses plus completion of one of the four lab-based Science courses (19 credit hours):

- MAC 2311 Calculus I or MAC 2281 Engineering Calculus I
- MAC 2312 Calculus II or MAC 2282 Engineering Calculus II
- MAC 2313 Calculus III or MAC 2283 Engineering Calculus III
- STA 4102 Computational Methods for Applied Statistics
- Plus completion of one of the four lab-based Science courses below:
  - BSC XXXX / XXXXL
  - CHM XXXX / XXXXL
  - PHY XXXX / XXXXL
  - GLY XXXX / XXXXL

Required Courses (12 credit hours):

- STA 2023 Introductory Statistics I
- STA 3024 Introductory Statistics II
- STA 4321 Introduction to Mathematical Statistics I
- STA 4442 Introduction to Probability

MAJOR ELECTIVES (15 HOURS)

Students must complete five courses from the following list of electives (Minimum 15 credit hours):

- MAP 2302 Differential Equations
- MAS 3105 Linear Algebra
- STA 4222 Sample Survey Design
- STA 4322 Introduction to Mathematical Statistics II
- STA 4502 Nonparametric Statistical Methods
- STA 4504 Categorical Data Analysis
- STA 4702 Multivariate Statistical Methods
- STA 4852 Applied Time Series

One or two courses from another department which are of high statistical content may be taken as electives, with the prior approval of the Chair of the department.

STA 4930 Selected Topics in Statistics may be taken as electives, with the prior approval of the Chair of the department.
GRADING REQUIREMENT

In general, grades of C- or better are required for courses in the mathematics major and minor and in the statistics major. However, C- is not an acceptable grade for any course that is being used as a prerequisite for a follow-on course. For these courses a grade of C (2.00 grade points) or better is required. Students whose prerequisites are more than three years old will be expected to take a placement test prior to taking a follow-on course.

RESEARCH OPPORTUNITIES

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

ADVISING INFORMATION

Please make sure to visit the following website http://www.math.usf.edu/ug/advising/ for additional information and all your advising needs.

STATISTICS FACULTY

Chairperson: L. Skrzypek; Distinguished University Professor: C.P. Tsokos; Professors: G. Ladde, K.M. Ramachandran; Assistant Professors: L. Lu, D. Shen.

B.A. - WOMEN'S AND GENDER STUDIES (WGS)

(CIP = 05.0207)
TOTAL DEGREE HOURS: 120

http://wgs.usf.edu/undergrad/requirements/

The Women's and Gender Studies major focuses on feminist research and practice. WGS promotes social justice through the discovery and production of knowledge that emerges from feminist perspectives on culture and society. Students learn the analytic skills to engage the intersections of gender, race, ethnicity, class, sexuality, ability, and nationality in order to become responsible citizens in a diverse transnational environment. We expose limits in traditional higher education caused by excluding women and other marginalized groups and create knowledge that is transformative and inclusive. We connect academic work to the social, political, and economic world outside the university; in linking knowledge, research, and activism, students learn to think critically about social inequalities.

STATE MANDATED COMMON COURSE PREREQUISITES

Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the University’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for this program. All Florida College System students are encouraged to complete the Associate degree. Students should consult with an academic advisor in their major degree area at the intended transfer institution.
REQUIREMENTS FOR THE MAJOR IN WOMEN’S AND GENDER STUDIES

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (15 HOURS)

Students must choose a total of 36 credit hours from Women's and Gender Studies courses. Transfer students may not apply more than 12 hours taken elsewhere toward the major at the University of South Florida.

Students taking Women's and Gender Studies as a second major need to complete 30 credit hours. To do so, they must make a written request to the Undergraduate Director at the time they declare Women's and Gender Studies as a second major. Courses taken in the first major may not count toward the 30 hours in Women's and Gender Studies as a second major.

- **WST 3015** Introduction to Women's Studies
- **WST 3311** Issues in Feminism
- **WST 4002** Feminist Research Methods
- **WST 4522** Classics in Feminist Theory or **WST 4561** Contemporary Feminist Theory
- **WST 4935** Capstone/Senior Project

MAJOR ELECTIVES (21 HOURS)

The remaining 21 hours of Women's & Gender Studies coursework may be comprised of any courses offered by the Women's & Gender Studies department, including approved cross-listed courses. No more than twelve hours of **WST 4930** may count toward the 36 hour minimum.

GRADING REQUIREMENT

Only letter grades of at least C- will be counted credit hours required for the major.

RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

Women's and Gender Studies offers a number of internship opportunities to both majors and minors. Students work on-site and directly with a local organization and can earn from 1-3 credits. Majors may repeat the internship for a maximum of 6 credit hours; minors may repeat once for a maximum of 3 credit hours. Students interested in the internship should contact the Internship Director, Dr. Wendland.

ADVISING INFORMATION

Students electing to major, double major, or minor in Women's and Gender Studies should consult the undergraduate advisor for timely scheduling of classes.

The WGS advisor, Brandon Kroll, is located in CPR 239, and can be reached at WGSadvise@usf.edu.

WOMEN’S AND GENDER STUDIES FACULTY

*Chairperson:* D. Price-Herndl; *Professor:* D. Price-Herndl; *Associate Professors:* K. Golombisky, M. Hughes Miller; *Assistant Professor:* D. Rubin; *Professor Emeriti:* C. DiPalma, L.L. McAlister, M. Myerson, J. Snook; *Instructors:* J. Turner, M. Wendland.
B.A. - WORLD LANGUAGES AND CULTURES (WLC)  
(CIP = 16.0101)  
TOTAL DEGREE HOURS: 120

The B.A. in World Languages and Cultures offers students a solid foundation in language and linguistic skills as well as knowledge of diverse cultures. Students may choose one concentration: Applied Linguistics, Chinese Language and Culture, Classics, East Asian Languages and Cultures, French, French International Studies and Business, German, Italian, Russian, Spanish, Spanish International Studies and Business, or may combine two concentrations (36 credit hours: 6 credit hours major core and 15 credit hours per concentration; the French International Studies and Business and the Spanish International Studies and Business concentrations are excluded). Upon completion of the program, students will be able to interact and participate in a global environment.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

Students should demonstrate proficiency by testing or completion of a foreign language through the intermediate level per State Mandated Common Prerequisites (see https://dlss.flvc.org/c/document_library/get_file?uuid=4f8695e3-1adc-4631-9e89-9c26fc145b54). This may be accomplished by completing 6-12 hours within the language or by demonstrated competency at the intermediate level.

REQUIREMENTS FOR THE MAJOR IN WORLD LANGUAGES AND CULTURES

TOTAL MAJOR HOURS: 30-69

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (6 HOURS)

- **LIN 3003** Language Matters
- **FOT 4131** Understanding World Cultures

MAJOR ELECTIVES (24-63 HOURS)

Students must select one of the following concentrations:

- Applied Linguistics
- Chinese Language and Culture
- Classics
- East Asian Languages and Cultures
- French
- French International Studies and Business
- German
- Interdisciplinary Classical Civilizations
- Italian

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RESEARCH OPPORTUNITIES

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

ADVISING INFORMATION

World Languages Academic Advisor: languagesadvise@usf.edu

WORLD LANGUAGES AND CULTURES FACULTY

World Languages Chairperson: S.K. Schindler; Professors: P. Brescia (Spanish), M. Camara (Spanish), V.E. Peppard (Russian), C.M. Probes (French), S.K. Schindler (German); Associate Professors: M. Grieb (German), I. Kanzios (Classics), A. Latowsky (French), P. La Trecchia (Italian), E. Manolaraki (Classics), X. Qin (Chinese), H. Scharm (Spanish), E. Shepherd (Chinese), C. Vasquez (Linguistics), W. Zhu (Linguistics); Assistant Professors: D. Arbesu (Spanish), A. Huensch (Linguistics), J. Nethercut (Classics), N. Tracy-Ventura (Linguistics); Instructors: S. Amer (Arabic), M. Chinea-Thornberry (Spanish), C. Davies (Portuguese), A. De La Pava (Spanish), R. Hedrick (Classics), S. Huber (German), M. Nozu (Japanese), O. Oleynik (Russian), S. Savona (French), B. Thompson (Hapanese), S. Wohlmuth (Spanish), Q. Wu (Chinese).

APPLIED LINGUISTICS (WLAL) CONCENTRATION

(CIP = 16.0101)

The Applied Linguistics concentration will help students comprehend a broad range of language-related issues to better understand how language functions both in the lives of individuals and in society. The coursework in this concentration will prepare students for a wide-range of career options, including pedagogical preparation for language teaching domestically or internationally, cross-cultural competency for careers in industry, and foundational knowledge in applied linguistics to be successful in graduate work in the field.

REQUIREMENTS FOR THE CONCENTRATION IN APPLIED LINGUISTICS

TOTAL CONCENTRATION HOURS: 30

CONCENTRATION CORE (6 HOURS)

Recommended Language Preparation:

Four semesters in any language or equivalent language competency prior to taking courses in the concentration.

- LIN 3010 Introduction to Linguistics
- LIN 4721 Second Language Acquisition

Concentration Electives (18 hours)

Students choose a total of six courses (18 credit hours) of Applied Linguistics coursework from the following list:

- FLE 4390 Teaching Foreign/Second Languages
- LIN 2002 Language, Culture and Film
- LIN 4350 Sound Systems in American English
- LIN 4600 Sociolinguistics: Language and Society
- LIN 4609 Language and Technology

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- LIN 4701 Psycholinguistics
- LIN 4903 Directed Readings
- LIN 4930 Selected Topics (may be repeated; title must be different)
- TSL 4362 Methodology of Teaching English Overseas

Of these six elective courses, one literature or culture course can be substituted (e.g. Russian Literature in Translation, Introduction to Chinese Culture, etc.)

Note: Advanced undergraduates may be able to register for the graduate-level seminars upon the recommendation of the faculty.

Students must demonstrate proficiency by testing or completion of a foreign language through the intermediate level. Native or heritage speakers or other persons with experience in a foreign language may exempt course(s) entirely.

ADVISING INFORMATION

Andrew Bird, World Languages Academic Advisor: languagesadvise@usf.edu

CHINESE LANGUAGE AND CULTURE (WLCC) CONCENTRATION
(CIP = 16.0101)

The Chinese Language and Culture concentration is designed for students who wish to achieve advanced level proficiency in modern Mandarin Chinese language at the same time they develop the sociocultural skills necessary for interaction with Chinese counterparts in professional contexts. Chinese is spoken by more than one billion people across the globe and has been designated a national Critical Language in the US government. High level Chinese language skills equip students to be highly competitive for China-related jobs in government, international business, international law, education and the non-profit sector.

REQUIREMENTS FOR THE CONCENTRATION IN CHINESE LANGUAGE AND CULTURE

TOTAL CONCENTRATION HOURS: 30

CONCENTRATION CORE (21 HOURS)

Required Supporting Courses for the Concentration (16 credit hours)

The following courses are prerequisite/supporting courses for this concentration. They are required for the concentration, but are not counted in the total hours for this major.

- CHI 1120 Modern Chinese I
- CHI 1121 Modern Chinese II
- CHI 2220 Modern Chinese III
- CHI 2221 Modern Chinese IV

Required Courses (9 credit hours):

- CHI 3241 Advanced Chinese Conversation I
- CHI 3242 Advanced Chinese Conversation II
- CHI 4443 Networking in China and America

Culture, Literature, and Film Courses (12 credit hours):

Student chooses 12 credit hours of coursework from the following list of courses:

- CHI 4930 Selected Topics
- CHT 3110 Traditional Chinese Literature in Translation
- CHT 3124 Introduction to Modern Chinese Literature
- CHT 3500 Introduction to Modern Chinese Culture
- CHT 3512 Contemporary Chinese Language and Society
- CHT 3520 Chinese Film
Concentration Electives (3 hours)

Student chooses three credit hours of coursework in advanced language courses (3000-4000 level), study abroad coursework in a USF program in China, or coursework in culture, literature, and film. These three credit hours of electives should be planned with a World Languages advisor.

ADVISING INFORMATION

World Languages Academic Advisor: languagesadvise@usf.edu

CLASSICS (WLCL) CONCENTRATION

TOTAL DEGREE HOURS: 120

http://languages.usf.edu/undergraduate/classics/

The Classics concentration is an interdisciplinary humanities field. We provide instruction in the Greek and Latin languages and in the Greek and Roman civilization, literature, mythology and religion. Faculty offer courses in diverse aspects of the Greek and Roman world and mentor students in the acquisition of specific applied skills through their studies. The Classics section combines the intimacy of a small liberal arts college with the wide-ranging educational and professional possibilities of a large state university. This concentration is of special interest to students who wish to teach Latin and Greek at the pre-college level, and to those who plan graduate study in a humanistic discipline including law and medicine.

REQUIREMENTS FOR THE CONCENTRATION IN CLASSICS

TOTAL MAJOR HOURS: 30-31

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE - 6 HOURS

- LIN 3003 Language Matters
- FOT 4131 Understanding World Cultures

MAJOR CORE (18-19 HOURS)

- CLT 3370 Gods, Heroes and Monsters in the Ancient World
- Student chooses one of two language tracks in either Latin or Greek:
  - Required courses for the Latin Track (16 credit hours):
    - LAT 1120 Beginning Latin I
    - LAT 1121 Beginning Latin II
    - LAT 2220 Intermediate Latin
    - LAT 2221 Intermediate Latin II
  - Required courses for the Greek Track (15 credit hours):
    - GRE 1120 Beginning Classical Greek I
    - GRE 1121 Beginning Classical Greek II
    - GRE 2220 Intermediate Classical Greek
    - GRW 3502 Survey of Greek Literature: Plato’s Republic

MAJOR ELECTIVES (6 HOURS)

- Student chooses any two courses (six credit hours) with a CLA or CLT prefix, that has not been used for another requirement with the major and/or concentration.

ADVISING INFORMATION

World Languages Academic Advisor: languagesadvise@usf.edu
EAST ASIAN LANGUAGES AND CULTURES (WLEA) CONCENTRATION

The East Asian Languages and Cultures concentration is designed to provide students with opportunities to develop broad understandings of East Asia as a region through interdisciplinary explorations into the languages, literatures, cultures, film, humanities, history, geography, arts, and political institutions of China, Japan, and Korea. USF has strong programs in Chinese and Japanese, two critical languages that serve as the core of the East Asian Languages and Cultures concentration. The concentration prepares students to be highly attractive in the global marketplace and to be immediate contributors to globally-oriented organizations, companies, and institutions with strong language skills as well as broad sociocultural knowledge that situates the use of those languages in two or more countries in the region. High-level critical language skills equip students to be highly competitive for Japan- and China-related jobs in government, international business, international law, law enforcement, defense, intelligence, and the non-profit sector.

REQUIREMENTS FOR THE CONCENTRATION IN EAST ASIAN LANGUAGES AND CULTURES

TOTAL CONCENTRATION HOURS: 30

CONCENTRATION CORE (20 HOURS)

Required Supporting Courses for the Concentration (8 credit hours)

The following courses are prerequisite/supporting courses for this concentration. They are required for the concentration, but are not counted in the total hours for this major. A student chooses either Chinese or Japanese coursework from the following list:

- CHI 1120 Modern Chinese I
- CHI 1121 Modern Chinese II

OR

- JPN 1120 Modern Japanese I
- JPN 1121 Modern Japanese II

Concentration Language Requirement (11 credit hours)

Students completing the East Asian Studies concentration must complete a minimum of two semesters of coursework in two East Asian languages and complete at least two courses beyond CHI 1121 or JPN 1121 in one of those languages.

Japanese Focus Required Language Courses:

- JPN 2220 Modern Japanese III
- JPN 2221 Modern Japanese IV
- JPN 3400 Modern Japanese V

OR

Chinese Focus Required Language Courses:

- CHI 2220 Modern Chinese III
- CHI 2221 Modern Chinese IV
- CHI 3241 Advanced Chinese Conversation I

Concentration Regional Focus Requirement (3 credit hours)

Student chooses three (3) credit hours of coursework from the following list of courses:

- ASN 3201 East Asian Cinema
- ASN 4414 Introduction to East Asian Cultures
Concentration Literature, Culture, and Film Requirement (6 credit hours)

Student chooses six (6) credit hours of coursework from the following list of courses:

- **ARH 4530**: Asian Art
- **ASN 3012**: Japan Today
- **CHI 4905**: Directed Study
- **CHI 4930**: Selected Topics
- **CHT 3110**: Traditional Chinese Literature in Translation
- **CHT 3124**: Introduction to Modern Chinese Literature in Translation
- **CHT 3500**: Introduction to Modern Chinese Culture
- **CHT 3512**: Contemporary Chinese Language and Society
- **CHT 3520**: Chinese Film
- **JPN 4020**: Japanese Calligraphy
- **JPN 4930**: Selected Topics

Concentration Electives (3 hours)

Student chooses three credit hours of coursework in Chinese or Japanese language courses, study abroad coursework in a USF program in China or Japan, or coursework in culture, literature, and film with a significant focus on China, Japan, or East Asia as a region. These three credit hours of electives should be planned with a World Languages advisor.

**ADVISING INFORMATION**

World Languages Academic Advisor: languagesadvise@usf.edu

**FRENCH INTERNATIONAL STUDIES AND BUSINESS (WLFB) CONCENTRATION**

(CIP = 16.0101)

http://languages.usf.edu/undergraduate/french/degree/

The undergraduate concentration in French International Studies and Business prepares students academically and practically for professions in international business, government and politics where proficiency in French is an asset.

**REQUIREMENTS FOR THE CONCENTRATION IN FRENCH INTERNATIONAL STUDIES AND BUSINESS**

**TOTAL CONCENTRATION HOURS: 69**

**CONCENTRATION CORE (63 HOURS)**

- **Concentration Core (12 credit hours)**
  - **FRE 2201**: French IV
  - **FRE 2240**: Intermediate Spoken French in Cultural Context
  - **FRE 3234**: Reading in French Literature and Culture
  - **FRE 3420**: Written French in Cultural Context

- **Concentration Supporting French Courses (12 credit hours)**
  - Student chooses 12 credit hours of 3000- and 4000-level FRE, FRT, or FRW coursework
  - Note: It is strongly recommended student take **FRE 3440** French for Business and courses utilized for other requirement within this concentration may not be utilized for this requirement.

- **Concentration Business Courses (18 credit hours)**
  - **ACG 3074**: Managerial Accounting for Non-Business Majors
The undergraduate concentration in French offers solid academic and practical training in the language, literature, and culture of France and the French-speaking world in an engaged, full-immersion environment. Students have the opportunity to attain an advanced level of French with regard to comprehension, reading, writing, and speaking. Successful students become conversant in many of the major issues, past and present, relating to French and Francophone cultures, literatures, and civilizations. French graduates are attractive to employers in numerous fields, in addition to graduate and professional schools. USF alumni in French may be found in such professions as education, business, foreign service, politics, law and health.

REQUIREMENTS FOR THE CONCENTRATION IN FRENCH

TOTAL CONCENTRATION HOURS: 33

CONCENTRATION CORE (27 HOURS)

Recommended Language Preparation

Four semesters or equivalent language competency prior to taking courses in the concentration.

Student chooses nine courses from the following list of courses:

- FRE 2201 French IV
- FRE 2240 Intermediate Spoken French in Cultural Context
- FRE 2241 Spoken French in Cultural Context
- FRE 3234 Reading in French Literature and Culture
- FRE 3420 Written French in Cultural Context
- FRE 3440 French for Business
- FRE 3500 French Civilization
- FRE 3502 The Francophone World: A Global Culture
- FRE 4421 Advanced Written French in Cultural Context
- FRE 4471 Advanced Overseas Study
- FRE 4700 French Linguistics
- FRE 4930 Selected Topics (with prior approval of the advisor)
• FRT 3001 Great French Love Stories in Translation (taught in English)
• FRT 3140 French Literary Masterpieces in English Translation (taught in English)
• FRW 4100 The French Novel
• FRW 4101 Introduction to French Drama and Poetry

Please note the following restrictions:
• Students may choose only one FRT prefixed course (taught in English) to count toward the concentration requirements.

ADVISING INFORMATION

World Languages Academic Advisor: languagesadvise@usf.edu

GERMAN (WLGM) CONCENTRATION

(CIP = 16.0101)

http://languages.usf.edu/undergraduate/german/

The concentration in German prepares students to understand and critically evaluate the language and cultures of German-speaking countries. The program prepares students in communicative proficiency and cultural literacy so that they are able to competently engage in global and transcultural interactions in the 21st century. Students will be prepared for positions in education, international business, foreign affairs, the arts, politics, and international law.

REQUIREMENTS FOR THE CONCENTRATION IN GERMAN

TOTAL CONCENTRATION HOURS: 30

CONCENTRATION CORE (9 HOURS)

Student chooses nine credit hours of 3000- or 4000-level coursework in German (taught in German).

• GER 3333 German Language & Culture through Film
• GER 3420 Composition I
• GER 3440 German for Business and International Trade
• GER 3500 The Germans – Past and Present
• GER 3501 Urban Life & Culture in Germany
• GER 3573 Cultural Observations in Germany
• GER 4410 Conversation II
• GER 4421 Composition II

Concentration Electives (15 hours)

Student chooses 15 credit hours of 2000-, 3000- or 4000-level coursework in German (taught in German or English), including approved courses in related disciplines, planned with an advisor.

• GER 2200 German III
• GER 2201 German IV
• GER 2240 Conversation I
• GET 3103 German Literature in English Translation
• GET 3522 Fantastic Films of Early German Cinema
• GET 3524 German Popular Film
• GET 4250 Dungeons, Dragons & Dwarves Germanic Myth & Pop Cult
• GET 4523 New German Cinema to Present
• GET 4528 German Directors in Hollywood
• GEW 4100 Survey of German Literature I
• GEW 4101 Survey of German Literature II
• GEW 4900 Directed Study
• GEW 4930 Selected Topics (topics approved in advance by advisor)
INTERDISCIPLINARY CLASSICAL CIVILIZATIONS (WLIC) CONCENTRATION

TOTAL DEGREE HOURS: 120

http://languages.usf.edu/undergraduate/classics/degreq/

This concentration is of special interest to students who wish to study broadly the literature, history art, and archaeology, philosophy, and religion of Greece, Rome and the Near East, equally emphasizing language and translation courses.

REQUIREMENTS FOR THE CONCENTRATION IN INTERDISCIPLINARY CLASSICAL CIVILIZATIONS

TOTAL MAJOR HOURS: 31

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE - 6 HOURS

- LIN 3003 Language Matters
- FOT 4131 Understanding World Cultures

MAJOR CORE (7 HOURS)

Recommended Language Preparation

Two semesters or equivalent language competency prior to taking the language core course.

- CLT 3370 Gods, Heroes and Monsters in the Ancient World
- LAT 2220 Intermediate Latin or GRE 2220 Intermediate Classical Greek

MAJOR ELECTIVES (18 HOURS)

Concentration Classics Field Electives (3 credit hours)

Student choose one course from the following list of courses:

- CLA 3103 Daily Life in Ancient Greece
- CLA 3124 Daily Life in Ancient Rome
- CLT 3103 Epic Battles and Dramatic Reversals in Greek Thought
- CLT 3123 Voyages and Metamorphoses in Roman Imagination

Concentration Interdisciplinary Field Electives (15 credit hours)

Student chooses five 3000- and 4000-level courses from the following prefixes: ANT, ARH, CLA, CLT, EUH, GRW, HIS, HUM, LIT, LNW, PHH, PHP, and REL, with prior approval from the Interdisciplinary Classical Civilizations concentration advisor.

ADVISING INFORMATION

World Languages Academic Advisor: languagesadvise@usf.edu
ITALIAN (WLIT) CONCENTRATION
(CIP = 16.0101)

http://languages.usf.edu/undergraduate/italian/

The Italian Program is an interdisciplinary program with courses in Italian language, film, literature, history, cultural studies, Italian-American studies and the culture of food offered both in Italian and English. The objective of the program is to prepare students to become receptive to the global concerns of our society increasing their capabilities in writing, speaking, intercultural literacy and effective citizenship, all skills that are useful in a variety of professions.

REQUIREMENTS FOR THE CONCENTRATION IN ITALIAN

TOTAL CONCENTRATION HOURS: 30

CONCENTRATION CORE (9 HOURS)

Recommended Language Preparation
Two semesters or equivalent language competency prior to taking the language core course.

Student choose nine credit hours from the following list of courses:

- ITA 2240 Italian Conversation
- ITA 3234 Reading and Writing in Italian
- ITA 4930 Special Topics (topics approved in advance by an advisor)
- ITT 4505 Italian Americans on Screen
- ITT 4531 Italian Food in Film

Concentration Electives (15 hours)

Student chooses 15 credit hours from the following list of courses:

- ITA 2200 Italian III
- ITA 2201 Italian IV
- ITA 3420 Composition
- ITA 4930 Special Topics (topics approved in advance by an advisor)
- ITT 3504 Italian Culture through Film
- ITW 4100 Survey of Italian Literature I
- ITW 4101 Survey of Italian Literature II
- ITW 4905 Directed Study

ADVISING INFORMATION

World Languages Academic Advisor: languagesadvise@usf.edu

RUSSIAN (WLRS) CONCENTRATION
(CIP = 16.0101)

http://languages.usf.edu/undergraduate/russian/

The concentration in Russian seeks to prepare its students to understand the language, literature, and culture of Russia. One of the program's primary goals is to prepare students to be able to interact productively with Russian speakers. The program seeks to develop the highest possible level of proficiency in the Russian language in each of its students as a foundation for both academic understanding and everyday communication. In order to achieve this goal, the Russian Program treats language and culture as an inextricably bound up nexus that has to be inculcated at every step of the learning process.
REQUIREMENTS FOR THE CONCENTRATION IN RUSSIAN

TOTAL CONCENTRATION HOURS: 32

CONCENTRATION CORE (8 HOURS)

- RUS 2220 Intermediate Russian I
- RUS 2221 Intermediate Russian II

Students who demonstrate sufficient proficiency may be excused from RUS 2220 and RUS 2221 (e.g., heritage learners).

Concentration Electives (18 hours)

Student chooses 18 credit hours from the following list of courses:

- RUS 3240 Russian Language & Culture through Film
- RUS 3470 Overseas Study
- RUS 4241 Russian Language & Culture through Film II
- RUS 3500 Russian Civilization
- RUT 3110 19th Century Russian Literature in English
- RUT 3111 20th Century Russian Literature in English
- RUS 4900 Selected Topics
- RUS 4905 Directed Study
- One course from an EUH, INR or PHI prefixed course, dealing with Russia (prior approval from an advisor is required)

ADVISING INFORMATION

World Languages Academic Advisor: languagesadvise@usf.edu

SPANISH INTERNATIONAL STUDIES AND BUSINESS (WLSB) CONCENTRATION

(CIP = 16.0101)

http://languages.usf.edu/undergraduate/spanish/

The concentration in Spanish International Studies and Business is an interdisciplinary program which prepares students for careers with a focus on the Spanish-speaking world. Spanish is a global language, the second most spoken native language in the world. The historical ties with Spain, the proximity of Spanish America, and the presence of many Spanish speakers in the United States make knowledge of Spanish and the culture of the Spanish-speaking world highly relevant to careers in business, international relations, and diplomacy.

REQUIREMENTS FOR THE CONCENTRATION IN SPANISH INTERNATIONAL STUDIES AND BUSINESS

TOTAL CONCENTRATION HOURS: 54-60

CONCENTRATION CORE (48-54 HOURS)

- Concentration Core (12 credit hours)
  - SPN 2201 Spanish IV
  - SPN 2240 Conversation I
  - SPN 3300 Advanced Spanish Grammar & Composition or SPN 2340 Advanced Spanish for Native Speakers I
    - or SPN 2341 Advanced Spanish for Native Speakers II
  - SPW 3030 Introduction to Hispanic Literary Studies

Note: SPN 2201 and SPN 2240 are required courses for the concentration. Students who place out of these two courses will take 6 credit hours of coursework approved in advance by an advisor.
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- Concentration Supporting Spanish Courses (3-9 credit hours)
  - Student chooses 3-9 credit hours of coursework from the following list of courses:
    - SPN 3440 Spanish for Business and International Trade I
    - SPN 3441 Spanish for Business and International Trade II
    - SPN 3391 Latin American Cinema
    - SPN 3520 Spanish-American Civilization
    - SPN 3564 Spain Today: Culture and Politics in the Media
    - SPN 4410 Advanced Conversation
    - SPW 3393 Spanish Culture through Literature and Film

- Concentration Business Courses (18 credit hours)
  - ACG 3074 Managerial Accounting for Non-Business Majors
  - ECO 1000 Basic Economics
  - FIN 3403 Principles of Finance
  - MAN 3025 Principles of Management
  - MAR 3023 Basic Marketing
  - XXX XXXX Capstone Course (to be determined by the Muma College of Business)

- Required courses in International Studies (9 credit hours)
  - CPO 2002 Introduction to Comparative Politics
  - CPO 4930 Comparative Government & Politics of Select Areas
  - INR 1015 World Perspective

- Required overseas study courses and/or area studies courses (6 credit hours):
  - Select six (6) overseas study credit hours or three (3) credit hours of overseas study plus three (3) credit hours of area studies courses planned with an advisor.

ADVISING INFORMATION

World Languages Academic Advisor: languagesadvise@usf.edu

SPANISH (WLSP) CONCENTRATION

(CIP = 16.0101)

http://languages.usf.edu/undergraduate/spanish/

The concentration in Spanish is an interdisciplinary program, which focuses on the language and culture of the Spanish-speaking world. Spanish is a global language, the second most spoken native language in the world. The historical ties with Spain, the proximity of Spanish America, and the presence of many Spanish speakers in the United States make knowledge of Spanish and the culture of the Spanish-speaking world highly relevant to students in all disciplines.

REQUIREMENTS FOR THE CONCENTRATION IN SPANISH

TOTAL CONCENTRATION HOURS: 33

CONCENTRATION CORE (6 HOURS)

Recommended Language Preparation

Four semesters Spanish or equivalent language competency and SPN 2240 Conversation I prior to taking the core and elective courses toward the concentration. (SPN 2240 will count as a concentration elective.)

- Choose one of the following courses:
  - SPN 2340 Advanced Spanish for Native Speakers I
  - SPN 2341 Advanced Spanish for Native Speakers II
  - SPN 3300 Advanced Spanish Grammar and Composition
  - SPW 3030 Introduction to Hispanic Literary Studies
Concentration Electives (21 hours)

- Student chooses 21 credit hours of 3000- and 4000-level coursework from the following prefixes: SPN, SPT, or SPW.

Please note the following restrictions:

- A student may take no more than two courses with an SPT prefix.
- SPN 2240 Conversation I and SPN 2341 may also be counted as concentration electives, unless the course has been used to fulfill another concentration and/or major requirement.
- The requirements of SPN 3300 or SPN 2340 can be waived for qualified students. These students will take an additional coursework to satisfy the concentration requirements.

ADVISING INFORMATION

World Languages Academic Advisor: languagesadvise@usf.edu

MINOR IN AFRICANA STUDIES (AFA)

TOTAL MINOR HOURS: 18

http://africanastudies.usf.edu/undergraduate/minor/

REQUIREMENTS FOR THE MINOR IN AFRICANA STUDIES

The minor in Africana Studies consists of a minimum of 18 hours, which include three core courses (9 hours) and three electives (9 hours).

MINOR CORE (9 HOURS)

- AFA 2000 Introduction to the Black Experience in Africa and its Diaspora
- AFH 3100 African History to 1850 or AFH 3200 African History since 1850
- AMH 3571 African American History to 1865 or AMH 3572 African American History since 1865

MINOR ELECTIVES (9 HOURS)

Students will complete the minor requirements with three additional Africana Studies elective courses.

- AFA 2380 History and Theory of Genocide
- AFA 4335 Black Women in America
- AFA 4350 African American Community Research
- AFA 4931 Selected Topics in Africana Studies
- AFS 2250 Culture and Society in Africa
- AML 3604 African American Literature
- AML 4624 Black Women Writers
- AMS 3700 Racism in American Society
- ANT 4340 The Caribbean
- INR 4254 Africa in World Affairs
- PHI 4073 African Philosophy
- PHM 4120 Major Black Thinkers

ADVISING INFORMATION

Pamela Anderson, Social Science Building (SOC) 389, pkander2@usf.edu
MINOR IN AMERICAN STUDIES (AMS)

TOTAL MINOR HOURS: 18

http://humanities.usf.edu/undergraduate/as/

American Studies is an interdisciplinary field dealing with the study of the United States. By means of a combination of foundational lecture courses, core seminars, American Studies courses, and courses from relevant disciplines (literature, history, the arts, and the social or behavioral sciences), students in the American Studies program explore diverse aspects of the American experience locally, nationally, and globally.

REQUIREMENTS FOR THE MINOR IN AMERICAN STUDIES

A total of 18 credit hours is required for the minor in American Studies. At least 8 credit hours for the minor must be USF coursework.

MINOR CORE (6 HOURS)

- AMS 2030 Introduction to American Studies
- AMS 2270 Twentieth-Century American Culture

MINOR ELECTIVES (12 HOURS)

Twelve (12) hours of upper-level AMS courses or other courses approved by the undergraduate advisor.

- AMS 2201 Colonial American Culture
- AMS 2363 Issues in American Civilization
- AMS 3001 American Culture, 1880-1915
- AMS 3230 America During the 1920s and 1930s
- AMS 3260 American Culture, 1830-1860
- AMS 3302 Architecture and the American Environment
- AMS 3370 Southern Women: Myth and Reality
- AMS 3601 Material Culture and American Society
- AMS 3700 Racism in American Society
- AMS 3930 Selected Topics in American Studies
- AMS 4804 Major Ideas in America
- AMS 4910 Individual Research
- AMS 4930 Selected Topics in American Studies
- AMS 4935 Senior Seminar in American Studies
- AMS 4940 Internship in American Studies

RESIDENCY REQUIREMENT

At least 8 credit hours for the minor must be USF coursework.

MINOR IN ANTHROPOLOGY (ANT)

TOTAL MINOR HOURS: 15

http://anthropology.usf.edu/undergrad/minor/

Students in many other programs will find an anthropological perspective of benefit. The minor program is structured to allow the student maximum flexibility in course selection within a broadly defined progression of anthropological concerns. Thus, the student is able to tailor a minor in anthropology to best suit specific wants and needs in the context of an overall curriculum.

REQUIREMENTS FOR THE MINOR IN ANTHROPOLOGY
The minor in Anthropology consists of a minimum of 15 credit hours. Students will normally begin progress toward the minor by taking at least one course from the minor core, as these often serve as prerequisites for the electives. No more than seven (7) credit hours from the minor core will count to the minor.

**MINOR CORE (3-7 HOURS)**

- ANT 2000 Introduction to Anthropology
- ANT 2410 Cultural Anthropology
- ANT 2511 Biological Anthropology
- ANT 2511L Biological Anthropology Laboratory
- ANT 3101 Archaeology
- ANT 3610 Linguistic Anthropology

The remaining credit hours for the minor consist of nine (9) to twelve (12) credit hours of 4000-level elective courses in Anthropology.

**MINOR ELECTIVES (9-12 HOURS)**

Any combination of 4000-level courses in Anthropology totaling at least nine (9) credit hours.

**GPA REQUIREMENTS**

A 2.0 GPA is required for the minor.

**GRADING REQUIREMENT**

A C (2.0) average is required for the minor.

**RESIDENCY REQUIREMENT**

At least nine (9) of the credit hours that are completed toward the minor must be completed through USF Tampa coursework.

**ADVISING INFORMATION**

Students are urged to consult with an advisor to create the most beneficial set of courses.

Anthroadvise@usf.edu

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**MINOR IN ASTRONOMY (AST)**

**TOTAL MINOR HOURS: 12**

The Astronomy Minor provides an in-depth overview of Astronomy from a mainly conceptual perspective. Any student wanting to learn more about the universe can earn the Minor in Astronomy regardless of their degree, including physics majors.

**REQUIREMENTS FOR THE MINOR IN ASTRONOMY**

A minor in Astronomy consists of 12 credit hours.

**MINOR CORE (12 HOURS)**

- AST 2002 Descriptive Astronomy
- AST 2004 Stellar and Galactic Astronomy
- AST 3033 Contemporary Thinking in Astronomy
- AST 3044 Archaeoastronomy

**GPA REQUIREMENTS**

A minimum 2.0 GPA average in the 12 credit hours is required for obtaining this minor.

**GRADING REQUIREMENT**

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373
A "C-" is the minimum acceptable grade for any course in the minor.
OTHER INFORMATION

None of the courses for the Astronomy minor count towards a Physics B.A. or B.S., and consequently Physics majors may earn a minor in Astronomy along with their Physics B.A. or B.S. degree.

ADVISING INFORMATION

Physics Advising: physics.usf.edu/ug/advising/

MINOR IN BIOMEDICAL ANTHROPOLOGY (BAN)

TOTAL MINOR HOURS: 19

This minor prepares undergraduates for futures in medical-related disciplines such as medicine, nursing, and dentistry. The required courses give students a strong foundation on evolutionary and cross-cultural factors affecting human biological variation. The elective course list provides students with ample choices among more specialized topics in biomedical anthropology.

REQUIREMENTS FOR THE MINOR IN BIOMEDICAL ANTHROPOLOGY

The minor in Biomedical Anthropology consists of a minimum of 19 credit hours.

MINOR CORE (7 HOURS)

- ANT 2511 Biological Anthropology
- ANT 2511L Biological Anthropology Laboratory
- ANT 4516 Human Variation

MINOR ELECTIVES (12 HOURS)

Students must choose among any of the following courses for a total of twelve (12) credit hours:

- ANT 2410 Cultural Anthropology
- ANT 4520C Forensic Anthropology
- ANT 4462 Health, Illness and Culture
- ANT 4465 The Anthropology of Food
- ANT 4468 Biocultural Bases of Health and Disease
- ANT 4525 Human Osteology and Osteometry
- ANT 4532 Anthropology of Infectious and Contagious Diseases
- ANT 4593 Evolution and Health
- ANT 4930 Special Topics in Anthropology, when taught as:
  - Nutritional Anthropology
  - Paleopathology
  - Neuroanthropology
  - Global Health
  - Human Reproductive Ecology
  - Anthropology of Human Growth and Development
  - Human Sexuality
  - Research in Physician-Patient Interaction

GRADING REQUIREMENT

A C (2.0) average is required for all courses that count toward the minor.

RESIDENCY REQUIREMENT

Fifty percent of the minor must be completed through USF Tampa coursework.

ADVISING INFORMATION

Students are urged to consult with an advisor to create the most beneficial set of courses.
MINOR IN BIOMEDICAL PHYSICS (BPH)

TOTAL MINOR HOURS: 16

This minor combines fundamental knowledge of physics acquired through the General Physics lectures and laboratories to applications that cover a wide spectrum of topics of interest to students pursuing a future clinical or research career in biology, medicine, and other related areas.

REQUIREMENTS FOR THE MINOR IN BIOMEDICAL PHYSICS

A minor in Biomedical Physics consists of 16 credit hours.

MINOR CORE (16 HOURS)

- PHY 2048* or 2053 General Physics I
- PHY 2048L or 2053L General Physics I Lab
- PHY 2049* or 2054 General Physics II
- PHY 2049L or 2054L General Physics II Lab
- PHZ 4702 Applications of Physics to Biology and Medicine I
- PHZ 4703 Applications of Physics to Biology and Medicine II

*NOTE: PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.

GPA REQUIREMENTS

A minimum 2.0 GPA average in the 16 credit hours is required for obtaining this minor.

GRADING REQUIREMENT

A "C-" is the minimum acceptable grade for any course in the minor.

OTHER REQUIREMENTS

The Biomedical Physics minor is not available to Physics majors. Physics majors with an interest in Biophysics should consider taking the Biophysics course which is available as an upper-level elective.

MINOR IN CHEMISTRY (CHM)

TOTAL MINOR HOURS: 24

The Chemistry minor provides a broad and general exposure to the traditional areas of the chemical sciences.

REQUIREMENTS FOR THE MINOR IN CHEMISTRY

MINOR CORE (14 HOURS)

- CHM 2045 General Chemistry I
- CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II
- CHM 2046L General Chemistry II Laboratory
- CHM 2210 Organic Chemistry I
- CHM 2210L Organic Chemistry I Laboratory
- CHM 4060 Use of Chemical Literature
MINOR ELECTIVES (10 HOURS)

Choose 10 hours of structured classes applicable to the major. Chemistry courses used to satisfy a major requirement cannot be used toward a minor in Chemistry.

NOTE: In all laboratory classes the lecture is PR/CR.

- BCH 3053 General Biochemistry
- BCH 4033 Advanced Biochemistry I
- BCH 4034 Advanced Biochemistry II
- BCH 3023L Basic Biochemistry Laboratory
- CHM 2211 Organic Chemistry II
- CHM 2211L Organic Chemistry II Laboratory
- CHM 3120C Elementary Analytical Chemistry
- CHM 3610 Intermediate Inorganic Chemistry
- CHM 3610L Intermediate Inorganic Chemistry Laboratory
- CHM 4230 Spectroscopic Analysis of Organic Compounds
- CHM 4274 Introduction to Drug Discovery
- CHM 4292 Introduction to Medicinal Chemistry
- CHM 4300 Biomolecules I
- CHM 4307 BioOrganic Chemistry
- CHM 4410 Physical Chemistry I
- CHM 4410L Physical Chemistry Laboratory
- CHM 4411 Physical Chemistry II
- CHM 4413 Biophysical Chemistry
- CHM 4455 Chemistry of High Polymers
- CHM 4932 Selected Topics in Chemistry
- CHS 4300 Fundamentals of Clinical Chemistry

GRADING REQUIREMENT

A grade of C (2.0) or better is required for each course in the Chemistry minor. Courses in the chemistry minor must be taken with letter grade (A, B, C, D, F, I) except those courses which are graded S/U only.

RESIDENCY REQUIREMENT

Eight hours of approved Chemistry coursework must be completed at USF.

OTHER REQUIREMENTS

Chemistry, Biomedical Sciences, Interdisciplinary Natural Sciences, and Medical Technology majors are not eligible for the minor in Chemistry.

ADVISING INFORMATION

Department of Chemistry Advising: chemadvise@usf.edu or http://chemistry.usf.edu/advising/.

MINOR IN CHINESE LANGUAGE (CHN)

TOTAL MINOR HOURS: 18


The minor in Chinese Language is designed for majors in any field who wish to demonstrate in-depth knowledge of Chinese language, culture and society. The minor in Chinese Language is designed to equip students with a foundation in Chinese language and culture necessary to successfully interact with Chinese people.
REQUIREMENTS FOR THE MINOR IN CHINESE LANGUAGE

A total of 18 semester hours is required for the minor in Chinese Language. Of those 18 hours, 12 hours are to be fulfilled with required core courses in language, culture, and literature. An additional 6 hours are to be fulfilled with electives selected in consultation with a Chinese faculty advisor.

MINOR CORE (12 HOURS)

- CHI 3241 Advanced Chinese Conversation I
- CHI 3242 Advanced Chinese Conversation II
- CHT 3500 Introduction to Chinese Culture
- CHT 3110 Traditional Chinese Literature in Translation or CHT 3124 Modern Chinese Literature in Translation

MINOR ELECTIVES (6 HOURS)

- CHI 4905 Directed Study
- CHI 4930 Selected Topics

RESIDENCY REQUIREMENT

A minimum of 10 of the 18 hours required for the minor must be completed in residence at USF.

ADVISING INFORMATION

Dr. Eric Shepherd  
Director of the Chinese Language Program  
erics@usf.edu  
World Languages Academic Advisor: languagesadvise@usf.edu

MINOR IN CLASSICS (CLC)

TOTAL MINOR HOURS: 17  
http://languages.usf.edu/undergraduate/classics/

The interdisciplinary minor is designed to make the study of the ancient world available to students, in a programmatic way, without the requirement of learning Latin or Greek. Students learn about the history, literature, art and culture of antiquity in courses that emphasize the study of primary texts in English translation.

REQUIREMENTS FOR THE MINOR IN CLASSICS

The Classics minor requires 17 credit hours, which are divided between language and civilization requirements.

MINOR CORE (17 HOURS)

- Language Requirements (8 credit hours)
  - Students are required to take at least two (2) successive courses in a single language, Latin or Ancient Greek (LAT, LNW, GRE, GRW).

- Civilization Requirements (9 credit hours)
  - Students are required to take three (3) of the core courses offered by Classics:
    - CLA 3103 Daily Life in Ancient Greece
    - CLA 3124 Daily Life in Ancient Rome
    - CLT 3103 Epic Battles and Dramatic Reversals in Greek Thought
    - CLT 3123 Voyages and Metamorphoses in Roman Imagination
    - CLT 3370 Gods, Heroes, and Monsters in the Ancient World
ADVISING INFORMATION

World Languages Academic Advisor: languagesadvise@usf.edu
Dr. Eleni Manolaraki (emanolar@usf.edu)

MINOR IN COMMUNICATION (SPE)
TOTAL MINOR HOURS: 18

http://communication.usf.edu/undergraduate/minor/

The minor in Communication prepares students to communicate effectively and ethically in a variety of relationships and contexts (see description of the major). Students may choose to emphasize a particular area of study including human relationships, health communication, public communication, media and culture, public advocacy, performance, organizational communication, leadership, diversity, or applied communication.

REQUIREMENTS FOR THE MINOR IN COMMUNICATION

The minor in Communication requires a minimum of 18 hours of departmental coursework.

MINOR CORE (6 HOURS)

- SPC 2608 Public Speaking
- COM 2000 Introduction to Communication

MINOR ELECTIVES (12 HOURS)

Twelve credit hours may be selected from among departmental offerings and must include a minimum of 6 hours at the 3000-level or higher.

GRADING REQUIREMENT

A grade of "C-minus" is required for a departmental course to count toward a Communication minor.

Courses may not be taken S/U where a grade option exists.

MINOR IN CREATIVE WRITING (CRW)
TOTAL MINOR HOURS: 15

http://english.usf.edu/ug/concentrations/creative/

REQUIREMENTS FOR THE MINOR IN CREATIVE WRITING

MINOR CORE (15 HOURS)

- CRW 3111 Form and Technique of Fiction
- CRW 3311 Form and Technique of Poetry

- Any two of the following:
  - CRW 3112 Fiction I
  - CRW 3121 Fiction II
  - CRW 3312 Poetry I
  - CRW 3321 Poetry II
  - CRW 4930 Selected Topics in Creative Writing

- Any major course listed in the Literary Studies concentration including a 2000-level LIT course

GRADING REQUIREMENT

A grade of below C- will not be counted toward fulfilling the minor requirements.
MINOR IN ECONOMICS (ECO)

TOTAL MINOR HOURS: 18

http://economics.usf.edu/undergraduate/minor/

Economics focuses on critical thinking and problem solving skills, which means the Minor in Economics can pair well with any Major.

REQUIREMENTS FOR THE MINOR IN ECONOMICS

All students, regardless of college, can earn a minor in Economics by satisfactorily completing 18 hours in Economics.

MINOR CORE (6 HOURS)

- ECO 201 Economic Principles: Macroeconomics
- ECO 202 Economic Principles: Microeconomics

MINOR ELECTIVES (12 HOURS)

Students must choose twelve (12) credit hours of Economics electives numbered 3000 or higher (may include QMB 3200).

*ECO 1000, if taken before both ECO 2013 and ECO 2023 and student receives a C- or better, may be substituted for 3 hours of upper-level economics elective credit.

Before being recognized as a minor in economics a student must obtain program approval by the Economics Department Undergraduate Advisor.

GPA REQUIREMENTS

A grade point average of 2.0 or higher must be achieved in the minor course work at USF and in all minor courses completed at any institution.

COURSE GRADE REQUIREMENT

Unless stated otherwise, a grade of “C-” is the minimum acceptable grade for all minor and supporting minor courses.

RESIDENCY REQUIREMENT

At least 9 hours of Economics credit must be taken in residence at USF Tampa.

OTHER INFORMATION

The Economics Pre-Law Curriculum

Economic principles provide the foundation for much of our legal system. Economics offers a series of courses to provide the abstract and applied skills required by those seeking legal careers.


The Economics Pre Law Curriculum fits easily within the Economics major or minor but is open to other students.

ADVISING INFORMATION

econadvise@usf.edu
MINOR IN ENVIRONMENTAL POLICY (ESP)

TOTAL MINOR HOURS: 19

REQUIREMENTS FOR THE MINOR IN ENVIRONMENTAL POLICY

A total of 19 credits are required for the minor in Environmental Policy.

MINOR CORE (16 HOURS)

Required Core Courses (7 credit hours):

- EVR 2001 Introduction to Environmental Science
- EVR 2001L Introduction to Environmental Science Lab
- EVR 2861 Introduction to Environmental Policy

Three of the following four courses (9 credit hours):

- EVR 4033 Environmental Regulation
- GEO 4372 Global Conservation
- GEO 4502 Economic Geography
- PHI 3640 Environmental Ethics

MINOR ELECTIVES (3 HOURS)

Plus one approved policy-related elective.

RESIDENCY REQUIREMENT

12 credits must be completed at USF.

ADVISING INFORMATION

Please see http://hennarot.forest.usf.edu/main/depts/geosci/ug/advising/ and or contact Teresa (Tess) Ippolito, the Environmental Science and Policy Academic Advisor, for a current list of electives.

Teresa (Tess) Ippolito can be contacted via email at: GeoAdvise@usf.edu; by phone at (813) 974-3250; and her office location is Science Center (SCA) 207.

MINOR IN FILM AND NEW MEDIA STUDIES (FNM)

TOTAL MINOR HOURS: 18

http://humanities.usf.edu/undergraduate/film/

The Minor in Film and New Media Studies is designed to train students in the historical contexts and analytical skills necessary to understand how film and new media (including television, video games, and Internet culture) communicate cultural values and shape our apprehensions of the world.

REQUIREMENTS FOR THE MINOR IN FILM AND NEW MEDIA STUDIES

The minor consists of 18 credit hours.

MINOR CORE (9 HOURS)

- FIL 1002 Introduction to Film Studies
- FIL 3052 Foundations of Film & New Media
- FIL 3077 Contemporary Film & New Media
MINOR ELECTIVES (9 HOURS)

Students take an additional nine (9) credit hours of upper-level coursework from Humanities and Cultural Studies with an AMS, FIL, or HUM prefix.

MINOR IN FRENCH (FRE)

TOTAL MINOR HOURS: 15

http://languages.usf.edu/undergraduate/french/

French is a truly global language, the official or second language in over 40 countries worldwide and an important tool in business and diplomacy. Our faculty offer a large variety of courses including literature and culture across genres, centuries, and geographical regions. Our faculty, a good mix of French and American scholars, is attentive and our students are close-knit. The placement record for our students is impressive, including graduates who continue to obtain advanced degrees, teachers in public and private schools including in IB programs, or even abroad in institutions such as the École Normale Supérieure in France; others apply their French to international law, business, politics, federal government jobs and to writing novels recognized by The New York Times.

REQUIREMENTS FOR THE MINOR IN FRENCH

MINOR CORE (6 HOURS)

- FRE 2240 Intermediate Spoken French in Cultural Context
- FRE 3420 Written French in Cultural Context

MINOR ELECTIVES (9 HOURS)

Select nine (9) hours in 3000-, 4000-, or 5000-level courses, except courses in translation.

OTHER REQUIREMENTS

The French minor strongly encourages study abroad and provides advice on the same. USF World offers several programs in France and Francophone countries, sometimes led by our faculty.

ADVISING INFORMATION

The French faculty work with the Department of World Languages’ advisor to optimize student success.

World Languages Academic Advisor, languagesadvise@usf.edu

MINOR IN GEOGRAPHIC INFORMATION SYSTEMS AND TECHNOLOGY (GIST)

TOTAL MINOR HOURS: 15

REQUIREMENTS FOR THE MINOR IN GEOGRAPHIC INFORMATION SYSTEMS AND TECHNOLOGY

A minor in Geographic Information Systems and Technology consists of 15 credit hours.

MINOR CORE (9 HOURS)

- GEO 3164C Research Methods in Geography
- GIS 4035C Remote Sensing of the Environment
- GIS 4043C Geographic Information Systems

MINOR ELECTIVES (6 HOURS)

Students choose two of the following courses:

- EVR 3218 Wildlife Research Techniques
- EVR 4051 Environmental Field Methods
**GEO 4114C** Geographic Techniques and Methodology  
**GEO 4700** Transportation Geography  
**GIS 3006** Mapping & Geovisualization

**GPA REQUIREMENTS**

A minimum grade point average of 2.00 is required.

**RESIDENCY REQUIREMENT**

At least 12 credit hours must be USF Tampa coursework.

**OTHER REQUIREMENTS**

Students may not apply electives to the Geographic Information Systems and Technology minor if these electives are being used to satisfy their requirements in another major.

**MINOR IN GEOLOGY (GLY)**

**TOTAL MINOR HOURS: 16**

**REQUIREMENTS FOR THE MINOR IN GEOLOGY**

Sixteen (16) credit hours are required. The completion of the introductory sequence courses (4 credit hours) listed and any three Geology Core courses (12 hours).

**MINOR CORE (4 HOURS)**

Introductory Sequence (4 credit hours):

One course, chosen from:

- **GLY 2010** Dynamic Earth: Introduction to Physical Geology  
- **GLY 2030** Hazards of the Earth’s Surface: Environmental Geology  
- **GLY 2100** History of Life  
- **OCE 2001** Introduction to Oceanography  
- Or other comparable acceptable course offerings, as approved by the undergraduate advisor  
- **GLY 2000L** Essentials of Geology Laboratory

**MINOR ELECTIVES (12 HOURS)**

Choose three of the following Geology courses:

- **GEO 3280** Environmental Hydrology  
- **GLY 3104C** Stratigraphy and Paleontology  
- **GLY 3311C** Mineralogy, Petrology, Geochemistry  
- **GLY 3402C** Structural Geology and Tectonics  
- **GLY 3552C** Sedimentary Rocks and Processes

**OTHER INFORMATION**

**Teacher Education Programs**

Prospective elementary and secondary school teachers desiring to teach science should include basic courses in geology and related sciences as part of their curriculum.
MINOR IN GERMAN STUDIES (GMS)

TOTAL MINOR HOURS: 15
http://languages.usf.edu/undergraduate/german/

The 15-credit hour minor in German Studies provides students with advanced oral and written proficiency in German, as well as an in-depth familiarity of the culture(s) of the German-speaking countries.

REQUIREMENTS FOR THE MINOR IN GERMAN STUDIES

The minor in German Studies comprises mid-to-advanced language and culture classes.

MINOR CORE (6 HOURS)

Students should select 6 hours of 3000- or 4000-level GEW or GER coursework in German (taught in German).

MINOR ELECTIVES (9 HOURS)

Students should select 9 hours of 2000-, 3000-, or 4000-level GER, GET or GEW coursework in German.

ADVISING INFORMATION

World Languages Advising: LanguagesAdvise@usf.edu
Dr. Stefan Huber (huber@usf.edu)

MINOR IN HISTORY (HTY)

TOTAL MINOR HOURS: 18
http://history.usf.edu/ug/minor/

The discipline of history embraces a diverse world of ideas, people and events and seeks to inform and to question, to provoke and to challenge students to a higher level of understanding of the past.

REQUIREMENTS FOR THE MINOR IN HISTORY

A minor in History is an excellent complement to any undergraduate degree that benefits from a humanities discipline.

MINOR CORE (6 HOURS)

Lower-Level Elective Courses (6 hours)
Students must select 6 credit hours from 2000-level History Department course offerings.

MINOR ELECTIVES (12 HOURS)

Upper Level Elective Courses (12 hours)
Students must select 12 credit hours from 3000- and 4000 upper-level History department course offerings.

GRADING REQUIREMENT

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

RESIDENCY REQUIREMENT

A minimum of eight (8) hours must be completed at the University of South Florida.

OTHER INFORMATION

Students who wish to minor in History may declare the minor via the www.history.usf.edu undergraduate web page; or may contact the undergraduate advisor at HistoryAdvise@usf.edu.
MINOR IN HUMANITIES (HUM)
TOTAL MINOR HOURS: 18
http://humanities.usf.edu/undergraduate/as/

The Humanities minor program offers an interdisciplinary curriculum that investigates the visual arts, music, and literature, and the cultures from which they emerge.

REQUIREMENTS FOR THE MINOR IN HUMANITIES

The curriculum for the Humanities minor is comparable to that of the program for the B.A. degree, but it is less comprehensive.

MINOR CORE (18 HOURS)

Eighteen semester hours of Humanities courses (HUM prefix).

- No more than six of these eighteen hours may be taken below the 3000 level.

MINOR IN INTELLIGENCE STUDIES (IQS)
TOTAL MINOR HOURS: 12
http://information-analytics.cas.usf.edu/Certificates.html

The Minor in Intelligence Studies provides an introductory foundation to the profession and practice of intelligence. Students are acquainted with the structure and function of the US Intelligence Community; ethical and professional issues in the intelligence field; intelligence analytic methods; tools and techniques for collecting/analyzing data and information from publicly available sources; and professional writing and briefing skills that are essential for effective analytic communication. This minor can complement undergraduate majors such as Political Science, International Studies, Foreign Language studies, Criminology, Business, or Social/Behavioral Sciences.

REQUIREMENTS FOR THE MINOR IN INTELLIGENCE STUDIES

MINOR CORE (12 HOURS)

- LIS 4029 Professional and Technical Communication for Analysts
- LIS 4671 Introduction to Intelligence Studies
- LIS 4672 Critical Thinking and Methods for Intelligence Analysis
- LIS 4673 Open Source Intelligence (OSINT)

GPA REQUIREMENTS

A GPA of 3.0, or better is required to meet the requirements of the minor.

RESIDENCY REQUIREMENT

Six (6) credit hours must be taken at USF.

ADVISING INFORMATION

For questions regarding the minor, please email Dr. Randy Borum: borum@usf.edu.
MINOR IN INTERDISCIPLINARY CLASSICAL CIVILIZATIONS (ICC)

TOTAL MINOR HOURS: 15-18

REQUIREMENTS FOR THE MINOR IN INTERDISCIPLINARY CLASSICAL CIVILIZATIONS

The ICC Minor (15 hours minimum) can be fulfilled in one of two ways:

MINOR CORE (15-18 HOURS)

1. Courses are divided by level, with the "field" of study unrestricted (15-18 credit hours):
   - Two courses (6 hours) from the ICC Minor "Core":
     - CLA 3103 Daily Life in Ancient Greece or CLT 3103 Epic Battles and Dramatic Reversals in Greek Thought
     - CLA 3124 Daily Life in Ancient Rome or CLT 3123 Voyages and Metamorphoses in Roman Imagination
     - CLT 3370 Gods, Heroes, and Monsters in the Ancient World
   - Three to four credit hours from 2000- or 3000-level courses in Anthropology, History, Philosophy and Religious Studies, selected with the guidance and approval of the Coordinator.
   - Six to eight credit hours from 3000- or 4000-level courses in Anthropology, History, Philosophy and Religious Studies, selected with the guidance and approval of the Coordinator.

2. Courses are organized along an interdisciplinary principle (15-18 credit hours):
   - Two courses (6 hours) from the ICC Minor "Core":
     - CLA 3103 Daily Life in Ancient Greece or CLT 3103 Epic Battles and Dramatic Reversals in Greek Thought
     - CLA 3124 Daily Life in Ancient Rome or CLT 3123 Voyages and Metamorphoses in Roman Imagination
     - CLT 3370 Gods, Heroes, and Monsters in the Ancient World
   - Nine to twelve credit hours from the Interdisciplinary Requirements. The student will complete three 3-4 credit courses, one each from three of the following four fields:
     - Anthropology
     - History
     - Philosophy
     - Religious Studies

3. Courses are chosen with the guidance and approval of the Coordinator from the list certified for the major.

ADVISING INFORMATION

World Languages Advising: LanguagesAdvise@usf.edu

MINOR IN INTERNATIONAL STUDIES (INT)

TOTAL MINOR HOURS: 18

http://usf.edu/sigs/undergraduate/

REQUIREMENTS FOR THE MINOR IN INTERNATIONAL STUDIES
The minor in International Studies is a set of International Studies courses taken by a student that approximates one half of the upper level credits required for a major. The minor consists of 18 credit hours made up of six courses as follows:
MINOR CORE (12 HOURS)
- INR 3011 Globalization
- INR 4083 Conflict in the World
- INR 3038 International Wealth and Power or CPO 4034 Politics of the Developing Areas
- INR 3202 International Human Rights or INR 4502 International Organizations

MINOR ELECTIVES (6 HOURS)
Two (2) upper-level courses (6 credit hours) chosen from the International Studies Program’s offerings.

ADVISING INFORMATION
Each student's program must be planned with the International Studies program major advisor, who is empowered to approve appropriate substitutions when educationally justified.

For information on INT advising, please visit [http://usf.edu/sigs/undergraduate/](http://usf.edu/sigs/undergraduate/).

MINOR IN ITALIAN (ITA)
TOTAL MINOR HOURS: 15
[http://languages.usf.edu/undergraduate/italian/](http://languages.usf.edu/undergraduate/italian/)

REQUIREMENTS FOR THE MINOR IN ITALIAN

MINOR CORE (6 HOURS)
- ITA 2240 Italian Conversation I or ITA 2241 Italian Conversation II
- ITA 3420 Composition

MINOR ELECTIVES (9 HOURS)
Students must select 9 hours in 3000- or 4000-level courses except courses in translation.

ADVISING INFORMATION
World Languages Academic Advisor: languagesadvise@usf.edu

MINOR IN LINGUISTICS (LIN)
TOTAL MINOR HOURS: 15
[http://languages.usf.edu/undergraduate/linguistics/](http://languages.usf.edu/undergraduate/linguistics/)

The linguistics minor can complement any language major, as well as many other majors. In the linguistics minor, you will have the opportunity to take upper-level classes focusing on language, culture, pedagogy and theoretical linguistics. The minor can prepare you for teaching a foreign language in the United States, teaching English overseas, working for a company in which there are multinational employees, and other similar careers. It will also give you a foundation to pursue graduate work in applied linguistics or languages. Knowledge of the structure of language will help you hone your analytic thinking skills, which can be transferred to other areas such as succeeding on the LSAT or entering a career in the field of computer science. Linguistics courses can also help you improve your writing-related skills, oral communication skills, and intercultural communication.

REQUIREMENTS FOR THE MINOR IN LINGUISTICS

MINOR CORE (3 HOURS)
- LIN 3010 Introduction to Linguistics
MINOR ELECTIVES (12 HOURS)

- ANT 3610 Anthropological Linguistics
- CLT 3040 Scientific and Medical Terminology
- FLE 4390 Teaching Foreign/Second Languages
- FRE 4700 French Linguistics
- LIN 2002 Language, Culture & Film
- LIN 3003 Language Matters
- LIN 4350 Sound Systems in American English
- LIN 4600 Language and Society
- LIN 4609 Language and Technology
- LIN 4671 Traditional English Grammar
- LIN 4701 Psycholinguistics
- LIN 4721 Second Language Acquisition
- LIN 4930 Special Topics (may be repeated; title must be different)
- SPA 3004 Introduction to Language Development and Disorders
- SPN 4700 Spanish Linguistics
- TSL 4362 Methodology of Teaching English Overseas

GPA REQUIREMENTS

A minimum 2.0 GPA is required.

GRADING REQUIREMENT

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

RESIDENCY REQUIREMENT

A minimum of nine (9) hours must be completed at the University of South Florida.

ADVISING INFORMATION

For more information, please contact the World Languages Undergraduate Advisor, Andrew Bird (LanguagesAdvise@usf.edu), or the Linguistics Minor Coordinator, Amanda Huensch.

MINOR IN LITERARY STUDIES (LTS)

TOTAL MINOR HOURS: 15

http://english.usf.edu/data/UG_LTSminor.pdf

REQUIREMENTS FOR THE MINOR IN LITERARY STUDIES

MINOR CORE (15 HOURS)

- One AML major course
- Two ENL major courses
- One 4000-level course from the Literary Studies concentration
- One additional course from any English Department concentration: LTS, CRW, PRT

COURSE GRADE REQUIREMENT

A grade of below C- will not be counted toward fulfilling the major requirements.
The minor in Mass Communications is available to students pursuing any other major at USF.

REQUIREMENTS FOR THE MINOR IN MASS COMMUNICATIONS

The minor in Mass Communications requires a minimum of 18 hours of School coursework.

MINOR CORE (6 HOURS)

- MMC 2100 Writing for the Media
- MMC 3602 Mass Communications and Society

MINOR ELECTIVES (12 HOURS)

Twelve (12) hours may be selected from among School offerings and must include a minimum of nine (9) hours at the 3000-level or higher.

- Any MMC, ADV, JOU, PUR, RTV, VIC course

All major course prerequisites must be met.

GPA REQUIREMENTS

A 2.5 GPA in all minor coursework must be maintained.

COURSE GRADE REQUIREMENT

A grade of "D" or "F" will not be counted toward a Mass Communications minor.

RESIDENCY REQUIREMENT

All minor hours must be completed at USF.

OTHER INFORMATION

Students who wish to minor must apply for admission to the School of Mass Communications and must meet all admission standards required of majors. Please see “Requirements for the Major in Mass Communications” for more admission information.
MINOR ELECTIVES (6 HOURS)

Complete any two (2) Mathematics courses from the following list:

- COP 4313 Symbolic Computations in Mathematics
- MAA 4211 Intermediate Analysis I
- MAA 4212 Intermediate Analysis II
- MAA 4402 Complex Variables
- MAD 4203 Introduction to Combinatorics
- MAD 4301 Introduction to Graph Theory
- MAD 4401 Numerical Analysis I
- MAD 4402 Numerical Analysis II
- MAD 4504 Theory of Computation
- MAD 4471 Introduction to Cryptography and Coding Theory
- MAP 2302 Differential Equations
- MAP 4202 Optimization
- MAP 4341 Introduction to Partial Differential Equations
- MAS 4301 Elementary Abstract Algebra
- MAS 4302 Elementary Abstract Algebra II
- MHF 4406 The History of Modern Mathematics
- MTG 4214 Modern Geometry
- MTG 4254 Differential Geometry
- MTG 4302 Introduction to Topology
- STA 4321 Introduction to Mathematical Statistics I
- STA 4442 Introduction to Probability
- MAT 4930 Selected Topics in Mathematics may be taken as an elective with the prior approval of the department chair.

One course from another department which is of high mathematical content may also be taken as an elective, with the prior approval of the department chair.

RESIDENCY REQUIREMENT

A student wishing to receive a minor in Mathematics is required to take a minimum of eight (8) credit hours of required courses in the Department of Mathematics and Statistics at USF Tampa.

OTHER INFORMATION

The minor in Mathematics is open to all students. Students with majors in the sciences, engineering, business, and the social sciences are particularly encouraged to pursue the minor.

ADVISING INFORMATION

Please visit the following website http://www.math.usf.edu/ug/advising/ for additional information and all your advising needs.
MINOR IN MICROBIOLOGY (MIC)
TOTAL MINOR HOURS: 26

The Microbiology minor exists to recognize those students who wish to add a limited but sound understanding of microbiology to their major.

REQUIREMENTS FOR THE MINOR IN MICROBIOLOGY

MINOR CORE (26 HOURS)

- BSC 2010 Cellular Processes
- BSC 2010L Cellular Processes Laboratory
- PCB 3023 Cell Biology
- PCB 3023L Cell Biology Laboratory
- PCB 3063 General Genetics
- MCB 3410 Cell Metabolism or BCH 3053 General Biochemistry
- MCB 3020 General Microbiology
- MCB 3020L General Microbiology Laboratory
- MCB 4115 Determinative Bacteriology
- MCB 4115L Determinative Bacteriology Laboratory
- MCB 4320 Molecular Microbiology

GPA REQUIREMENTS
A minimum 2.0 average in the 26 credits is required for obtaining this minor.

GRADING REQUIREMENT
A grade of C- is the minimum acceptable grade for courses in the minor. Students must have less than 3 D and/or F grades in Microbiology minor lecture courses.

RESIDENCY REQUIREMENT
Students must complete a minimum of 8 hours in Microbiology minor coursework at USF Tampa.

OTHER INFORMATION
Students who are declared in any Biology or Microbiology major offered by the Department of Cell Biology, Microbiology, and Molecular Biology or the Department of Integrative Biology are ineligible for this minor.

ADVISING INFORMATION
http://biology.usf.edu/bioadvise/
(813) 974-3250 Email: bioadvise@usf.edu

MINOR IN MODERN GREEK (MGR)
TOTAL MINOR HOURS: 16

REQUIREMENTS FOR THE MINOR IN MODERN GREEK

MINOR CORE (16 HOURS)

- GRK 2220 Modern Greek III
- GRK 2221 Modern Greek IV
- Two (2) four-credit hour GRK 4905 Directed Studies Courses
ADVISING INFORMATION

World Languages Advising: languagesadvise@usf.edu or Dr. Ippokratis Kantzios (kantzios@usf.edu)

MINOR IN PHILOSOPHY (PHI)

TOTAL MINOR HOURS: 18

http://philosophy.usf.edu

REQUIREMENTS FOR THE MINOR IN PHILOSOPHY

A minor in Philosophy consists of the completion of at least 18 credit hours, which includes the following courses:

MINOR CORE (6 HOURS)

History of Philosophy – 6 credit hours:
Choose two of the following courses:
- PHH 3062 History of Western Philosophy: Ancient Philosophy
- PHH 3280 Medieval and Renaissance Philosophy
- PHH 3420 Early Modern Philosophy
- PHH 3442 Late Modern Philosophy
- PHH 4440 Continental Philosophy
- PHH 4600 Contemporary Philosophy
- PHH 4700 American Philosophy
- PHH 4820 Chinese Philosophy
- PHM 4331 Modern Political Philosophy
- PHP 3786 Existentialism
- PHP 4000 Plato
- PHP 4010 Aristotle
- PHP 4410 Kant
- PHP 4784 Analytical Philosophy
- PHP 4788 Philosophy of Marxism

MINOR ELECTIVES (12 HOURS)

Choose four courses (12 credit hours) from the following prefixes: PHH, PHI, PHM and PHP. No more than three elective hours taken at the 1000- and 2000-level may count toward the Philosophy minor. Courses taken to fulfill the six hours of History of Philosophy requirement will not count toward elective hours in the minor.

GRADING REQUIREMENT

No course taken on an "S/U" basis may be applied toward the minor.

ADVISING INFORMATION

Philosophy Advising: PhilosophyAdvise@usf.edu
Andrew Bird, 813-974-6957, ajbird@usf.edu
MINOR IN PHYSICS (PHY)

TOTAL MINOR HOURS: 17

http://physics.usf.edu/ug/degree/

REQUIREMENTS FOR THE MINOR IN PHYSICS

MINOR CORE (11 HOURS)

- PHY 2048* General Physics I
- PHY 2048L General Physics I Lab
- PHY 2049* General Physics II
- PHY 2049L General Physics II Lab
- PHY 3101 Modern Physics

*NOTE: PHY 2060 may substitute for PHY 2048 and PHY 2061 may substitute for PHY 2049.

MINOR ELECTIVES (6 HOURS)

Students must choose six (6) credit hours of upper-level physics electives from the following list, subject to approval by the undergraduate advisor:

- AST 3930 Astrophysics
- PHY 3220 Classical Mechanics
- PHY 3323 Electricity and Magnetism
- PHY 3822L Intermediate Lab
- PHY 4151 Computational Physics
- PHY 4324 Electricity and Magnetism II
- PHY 4424 Optics
- PHY 4523 Statistical Physics
- PHY 4604 Introduction to Quantum Mechanics
- PHY 4605 Quantum Mechanics II
- PHY 4744C Introduction to Electronics and Test Instrumentation
- PHY 4823L Advanced Lab
- PHY 4936 Selected Topics in Physics
- PHZ 3113 Mathematical Methods in Physics
- PHZ 4434 Material Physics

GPA REQUIREMENTS

A minimum 2.0 GPA average in the 17 credit hours is required for obtaining this minor.

GRADING REQUIREMENT

A "C-" is the minimum acceptable grade for any course in the minor.

OTHER REQUIREMENTS

Students who require PHY 2048/L and PHY 2049/L for their core major requirements must meet with the Physics advisor prior to declaring the minor.

ADVISING INFORMATION

http://physics.usf.edu/ug/advising/
PhysicsAdvise@usf.edu
MINOR IN POLITICAL SCIENCE (POL)

TOTAL MINOR HOURS: 18

http://gia.usf.edu/ps/ughome/

REQUIREMENTS FOR THE MINOR IN POLITICAL SCIENCE

A minor in political science requires the completion of a minimum of 18 credit hours.

MINOR CORE (6 HOURS)

Students must choose 6 credit hours from the following:

- CPO 2002 Introduction to Comparative Politics
- INR 2002 Introduction to International Relations
- POS 2041 American National Government
- POT 3003 Introduction to Political Theory

MINOR ELECTIVES (12 HOURS)

An additional 12 credit hours of courses included in the Political Science major are required.

Students transferring credit hours toward a minor in Political Science must complete 12 credit hours within the department, regardless of the number of credit hours transferred.

ADVISING INFORMATION

To contact your advisor and schedule an appointment, please go to:
http://hennarot.forest.usf.edu/main/depts/IGS/undergraduate/political-science/

MINOR IN PROFESSIONAL WRITING, RHETORIC AND TECHNOLOGY (PRT)

TOTAL MINOR HOURS: 15

http://english.usf.edu/ug/concentrations/technical/

REQUIREMENTS FOR THE MINOR IN PROFESSIONAL WRITING, RHETORIC AND TECHNOLOGY

MINOR CORE (15 HOURS)

- ENC 3242 Technical Communication for Majors
- One of the following:
  - ENC 4260 Advanced Technical Writing or
  - ENC 4311 Advanced Composition
- Any three of the following:
  - ENC 3250 Professional Writing
  - ENC 3310 Expository Writing
  - ENC 3371 Rhetorical Theory for Technical Communication
  - ENC 3416 New Media for Technical Communication
  - ENC 3435 Rhetoric and Gaming
  - ENC 4218 Visual Rhetoric for Technical Communication
  - ENC 4931 Selected Topics in Professional and Technical Writing
  - ENC 4931 Selected Topics in Professional and Technical Writing: Editing
  - ENC 4931 Selected Topics in Professional and Technical Writing: Workplace Writing and Culture
- One upper-level course from the Literary Studies concentration
### COURSE GRADE REQUIREMENT

A grade of below C- will not be counted toward fulfilling the major requirements.

### MINOR IN PSYCHOLOGY (PSY)

**TOTAL MINOR HOURS: 18**

http://psychology.usf.edu/ug/minor/

The purpose of the minor is to help students majoring in other disciplines to obtain an appropriate psychology background that will complement their work in their major.

**REQUIREMENTS FOR THE MINOR IN PSYCHOLOGY**

A minor in Psychology consists of a minimum of 18 credit hours.

**MINOR CORE (6 HOURS)**

- **PSY 2012** Introduction to Psychological Science
- Any Statistics course

**MINOR ELECTIVES (12 HOURS)**

12 credit hours of four upper-level psychology courses, except **PSY 4913, DEP 3103, SOP 3742**, and **SYP 3000**

**GPA REQUIREMENTS**

A GPA of 2.0 or better in the minor is required for certification.

**COURSE GRADE REQUIREMENT**

Students minoring in Psychology must obtain a "C" or better in any college level statistics course, and a "C-" or better is required for all other courses that count toward the Psychology minor.

**RESIDENCY REQUIREMENT**

Students must complete at least eight credit hours toward the minor in residency at USF.

**OTHER REQUIREMENTS**

Permits are required for students to register for upper-level Psychology minor electives. Permits are available online at http://psychology.usf.edu/forms/CoursePermit/.

**ADVISING INFORMATION**

Department of Psychology Undergraduate Advising: psychad@usf.edu or http://psychology.usf.edu/ug/advising/

### MINOR IN PUBLIC ADMINISTRATION (PAN)

**TOTAL MINOR HOURS: 15**

http://spa.usf.edu/undergraduate/minor/

The Public Administration minor provides an introduction to public administration, public policy, state and local government. It is a smart choice for any student considering future employment in the public sector.

**REQUIREMENTS FOR THE MINOR IN PUBLIC ADMINISTRATION**

The minor in Public Administration consists of 15 credit hours.

**MINOR CORE (9 HOURS)**

- **PAD 3003** Introduction to Public Administration
MINOR ELECTIVES (6 HOURS)

Select six (6) credit hours from the following list:

- PAD 4930 Selected Topics in Public Administration and Public Policy
- PUP 4002 Public Policy
- PAD 4144 Non-Profit Organizations and Public Policy
- PAD 4712 Managing Information Resources in the Public Sector
- URS 3002 Introduction to Urban Studies
- URP 4050 City Planning and Community Development
- URP 4052 Urban and Regional Planning

COURSE GRADE REQUIREMENT

Only courses in which a grade of "C-" or better is attained will count toward the minimum hours.

RESIDENCY REQUIREMENT

A minor in Public Administration consists of a minimum of 15 credit hours, at least 12 of which must be USF credits.

ADVISING INFORMATION

Please contact our advisers in the School of Public Affairs at: issadvise@usf.edu.

MINOR IN QUEER AND SEXUALITY STUDIES (QSS)

TOTAL MINOR HOURS: 18

http://wgs.usf.edu/undergrad/requirements/

The minor in Women's and Gender Studies is available to students pursuing any other major at USF.

REQUIREMENTS FOR THE MINOR IN QUEER AND SEXUALITY STUDIES

The minor in Queer and Sexuality Studies requires a minimum of 18 hours of interdisciplinary coursework.

MINOR CORE (6 HOURS)

Choose 6 hours from:

- WST 3602 Introduction to LGBTQ Cultures
- WST 3380 Sexualities Studies
- WST 4645/SYA 4121 Queer Theory

MINOR ELECTIVES (12 HOURS)

Must include a minimum of six (6) hours at the 4000-level or higher.

12 credit hours selected from:

- Any course in the Minor Core not counted toward the Core
- WST 2600 Human Sexual Behavior
- WST 3334 Queer Film & Television
- WST 4930 Selected Topics: Sex Work and Trafficking
- HIS 3930 Special Topics: Gay and Lesbian US History
- HIS 3930 Special Topics: History of AIDS
- HIS 3930 Special Topics: History of Gender and Sexuality
- HIS 3930 Special Topics: Sexuality in Latin America
COURSE GRADE REQUIREMENT
A grade of "C-" is required for a departmental course to count toward a Women's and Gender Studies minor.

GRADING REQUIREMENT
Courses may not be taken S/U, where a grade option exists.

ADVISING INFORMATION
The QSS advisor, Brandon Kroll, has an office in CPR 239, and can be reached at WGSadvise@usf.edu.

MINOR IN RELIGIOUS STUDIES (REL)
TOTAL MINOR HOURS: 18
http://religious-studies.usf.edu/ugrad/requirements/

REQUIREMENTS FOR THE MINOR IN RELIGIOUS STUDIES
Students choose a total of 18 credit hours from Religious Studies courses.

MINOR CORE (6 HOURS)
All minors must take:
- REL 3040 Introduction to Religious Studies
- REL 3043 Introduction to Major Religious Texts

MINOR ELECTIVES (12 HOURS)
An additional 12 credit hours chosen from Religious Studies courses are required.

GRADING REQUIREMENT
Only letter grades will be counted for coursework taken for the minor.

OTHER INFORMATION
It is the prerogative of the Department of Religious Studies to determine whether courses taken at other universities may be applied toward the minor at USF. This will be decided as soon as the student declares a minor in the Department of Religious Studies at USF.

Transfer students may not apply more than 6 credit hours taken elsewhere toward the minor at USF. Requests for transfer of credit must be made to the Undergraduate Director in writing when declaring a minor.

ADVISING INFORMATION
Religious Studies Advising: RELAdvise@usf.edu

MINOR IN RUSSIAN STUDIES (RSS)
TOTAL MINOR HOURS: 15
http://languages.usf.edu/undergraduate/russian/

REQUIREMENTS FOR THE MINOR IN RUSSIAN STUDIES
MINOR CORE (8 HOURS)

- RUS 2220 Intermediate Russian I
- RUS 2221 Intermediate Russian II

MINOR ELECTIVES (7 HOURS)

Select seven (7) hours in 3000- or 4000-level courses:

- RUS 3240 Russian Language & Culture through Film
- RUS 3470 Overseas Study
- RUS 4241 Russian Language & Culture through Film II
- RUS 4900 Selected Topics
- RUS 4905 Directed Study
- RUT 3110 Nineteenth Century Russian Literature in English
- RUT 3111 Twentieth Century Russian Literature in English

Please contact a World Languages advisor to plan the appropriate coursework.

OTHER REQUIREMENTS

Prerequisites: RUS 1120 Beginning Russian I (4 credit hours) and RUS 1121 Beginning Russian II (4 credit hours). Students may be able to place out of prerequisites if they pass a proficiency test. Heritage students will be placed in languages courses according to their proficiency.

ADVISING INFORMATION

World Languages Academic Advisor, languagesadvise@usf.edu

MINOR IN SOCIOLOGY (SOC)

TOTAL MINOR HOURS: 18

http://sociology.usf.edu/ug/major/

Sociology is the study of human social relationships and institutions. Sociology's subject matter is diverse, ranging from crime to religion, from the family to the state, from the divisions of race and social class to the shared beliefs of a common culture, and from social stability to radical change in whole societies.

REQUIREMENTS FOR THE MINOR IN SOCIOLOGY

MINOR CORE (6 HOURS)

Minors must take:

- SYG 2000 Introduction to Sociology
- SYA 3110 Classical Theory

MINOR ELECTIVES (12 HOURS)

Choose 12 credit hours from the following list:

- SYA 3310 Qualitative Inquiry
- SYA 4121 Queer Theory
- SYA 4930 Topics in Sociology
- SYD 3700 Racial and Ethnic Relations
- SYD 4238 Immigrants to America
- SYD 4410 Urban Sociology
- SYD 4411 Urban Life
- SYG 3235 Latina/Latino Lives
- SYO 3120 Sociology of Families
• **SYO 3200** Sociology of Religion  
• **SYO 3460** Sociology of the Media  
• **SYO 4204** Religion and Immigration  
• **SYO 4536** Inequalities and Social Justice  
• **SYO 4573** Social Networks  
• **SYP 3562** Family Violence  
• **SYP 4012** Emotions in Society  
• **SYP 4111** Identify and Community  
• **SYP 4420** Consumer Culture  
• **SYP 4510** Sociological Aspects of Deviance  
• **SYP 4650** Sport in Society  
• **SYP 4675** Animals & Society  
• **SYP 4763** Sociology of Childhood and Youth

**GRADING REQUIREMENT**

Only courses in which a grade of "C-" or better is attained will count toward the minimum hours.

**RESIDENCY REQUIREMENT**

At least 12 credits must be USF Tampa credits.

**OTHER INFORMATION**

No more than three hours of **SYA 4910** "Individual Research" and no more than three hours of **SYA 4949** Sociological Internship may count toward the 18 hour minimum.

**ADVISING INFORMATION**

While students minoring in Sociology are not required to see an advisor, it is strongly encouraged for students to make an appointment with the advisor, if he/she has questions about which Sociology courses might best contribute to their future career plans.

Shani Garza, Cooper Hall (CPR) 369, (813) 974-9249 or Brandon Kroll, Cooper Hall (CPR) 235, (813) 974-6983.

**MINOR IN SPANISH (SPA)**

**TOTAL MINOR HOURS: 18**

[http://languages.usf.edu/undergraduate/spanish/degree/](http://languages.usf.edu/undergraduate/spanish/degree/)

**REQUIREMENTS FOR THE MINOR IN SPANISH**

**MINOR CORE (6 HOURS)**

- **SPN 3300** Advanced Spanish Grammar and Composition*  
- **SPN 4301** Expository Writing

* **SPN 3300** Advanced Spanish Grammar and Composition may be substituted for native speakers with **SPN 2340** Advanced Spanish for Native Speakers I or **SPN 2341** Advanced Spanish for Native Speakers II.

**MINOR ELECTIVES (12 HOURS)**

Select 12 hours in 3000-, 4000- or 5000-level SPN or SPW courses, may include one course (three credit hours) of Spanish/Spanish American Literature in translation. Two of these courses must be at the 4000-level. All electives must be approved by a department advisor prior to enrollment.

**ADVISING INFORMATION**

World Languages Academic Advisor: languagesadvise@usf.edu
MINOR IN URBAN STUDIES (UST)

TOTAL MINOR HOURS: 15

Understanding the economic, social, cultural, political and spatial phenomena of urban areas, and how they came to be, is essential if one is to thrive in today's world. The Urban Studies minor offers students the opportunity to supplement their education and training with a focus on the problems and potentials of the urban world around us. Eighty percent of Americans live in one of the country’s nearly 400 major metropolitan areas. The Urban Studies curriculum begins with an interdisciplinary Introduction to Urban Studies and then weaves the multidisciplinary urban offerings into a coherent understanding of urban life. This highly interdisciplinary minor is a great complement to any degree program. Students who are interested in pursuing a Masters of Urban and Regional Planning are strongly encouraged to consider this field of study.

REQUIREMENTS FOR THE MINOR IN URBAN STUDIES

MINOR CORE (9 HOURS)

- PAD 3003 Introduction to Public Administration
- URP 4052 Urban and Regional Planning
- URS 3002 Introduction to Urban Studies

MINOR ELECTIVES (6 HOURS)

- AMH 3530 Immigration History
- ANT 4442 Urban Life and Culture
- ARC 4784 The City
- CCJ 3014 Crime and Justice in America
- PAD 4930 Selected Topics in Public Administration and Public Policy
- PUP 4002 Public Policy
- SOW 3210 The American Social Welfare System
- SYD 4410 Urban Sociology
- SYD 4411 Urban Life
- URP 4050 City Planning and Community Development
- URS 4930 Special Topics in Urban Studies

COURSE GRADE REQUIREMENT

Only courses in which a grade of "C-" or better is attained will count toward the minimum hours.

RESIDENCY REQUIREMENT

A minor in Urban Studies consists of a minimum of 15 credit hours, at least 12 of which must be USF credits.

OTHER INFORMATION

Please visit our webpage at http://spa.usf.edu.

ADVISING INFORMATION

For more information, please contact our advisers in the School of Public Affairs at ISSadvise@usf.edu.
MINOR IN WOMEN'S AND GENDER STUDIES (WGS)

TOTAL MINOR HOURS: 18

The minor in Women's and Gender Studies is available to students pursuing any other major at USF.

REQUIREMENTS FOR THE MINOR IN WOMEN'S AND GENDER STUDIES

MINOR CORE (6 HOURS)

- **WST 3015** Introduction to Women's Studies
- One other WST core course

MINOR ELECTIVES (12 HOURS)

Twelve (12) credit hours selected from among departmental offerings and must include a minimum of six (6) hours at the 4000-level or higher.

COURSE GRADE REQUIREMENT

A grade of "C-" is required for a departmental course to count toward a Women's and Gender Studies minor.

GRADING REQUIREMENT

Courses may not be taken S/U, where a grade option exists.

OTHER REQUIREMENTS

Students may petition the undergraduate advisor to focus their minor on a specific area within Women's and Gender Studies, such as sexualities, women's health or social justice.

ADVISING INFORMATION

The WGS advisor, Brandon Kroll, can be reached at WGSadvise@usf.edu.

CERTIFICATE IN AFRICANA LITERATURES

TOTAL CERTIFICATE HOURS: 18

The College of Arts and Sciences offers this Certificate through the collaboration of the departments of Africana Studies, English, and World Languages. It is designed for majors in all colleges as well as non-degree seeking students who wish to engage in a focused study of Africana literatures, acquire appreciation and knowledge of these literatures, and have that knowledge formally recognized in their academic record. The Certificate is designed to enhance the student's academic and professional growth.

REQUIREMENTS FOR THE CERTIFICATE IN AFRICANA LITERATURES

Students are required to take 18 credit hours. There are twelve hours of core courses and 6 hours of required elective courses. Other courses may be substituted for elective hours with the approval of the Undergraduate Director. Students must declare their intention to acquire the Certificate prior to completing nine hours of program coursework.

CERTIFICATE CORE (12 HOURS)

- **AFA 4430** Afro-Diasporic Literature and Political Movements
- **AML 3604** African American Literature
- **AML 4624** Black Women Writers
• ENG 4013 Literary Criticism
CERTIFICATE ELECTIVES (6 HOURS)

Select any two of the following courses:

- AFA 4931 Selected Topics in Africana Studies
  - Haiti: Legacy of Resilience and Freedom
- AML 4624 Black Women Writers
- WST 4410 Postcolonial Women Writers

Students are encouraged to make practical experience in the literary discipline an important component of their academic work. Students can enroll for 3 credit hours in the Africana Studies Internship course to fulfill this objective.

GPA REQUIREMENTS

A cumulative overall GPA of 3.0 must be maintained in all work for the Certificate.

GRADING REQUIREMENT

A grade of B (3.0) or better is required in core courses.

ADVISING INFORMATION

Pamela Anderson, Undergraduate Advisor, Social Sciences Building (SOC) 389

CERTIFICATE IN AGRICULTURAL SUSTAINABILITY AND FOOD BIOSECURITY

TOTAL CERTIFICATE HOURS: 24

http://biology.usf.edu/ib/ug/certificates/

The certificate is designed to enhance majors within the Integrative Biology Department, particularly majors in Environmental Biology. It addresses a national need for increased agricultural training opportunities outside Land Grant institutions. The certificate will enhance the student’s academic growth, facilitate the student’s use of academic training to address important societal problems, and improve the student's prospects of finding gainful employment.

REQUIREMENTS FOR THE CERTIFICATE IN AGRICULTURAL SUSTAINABILITY AND FOOD BIOSECURITY

CERTIFICATE CORE (24 HOURS)

- AMS 4804 Major Ideas in America: Ethics of Food Production or SWS 4207 Sustainable Agriculture and Urban Land Management (online course at University of Florida)
- ECO 1000 Basic Economics or ECO 2013 Economic Principles (Macroeconomics)
- BSC 4933 Selected Topics in Biology: Seminar in Environmental Risk Assessment
- BSC 4940 Biology Internship

  Two of the following courses:
  - BSC 4933 Selected Topics in Biology
  - GEO 3280 Environmental Hydrology
  - GEO 4265 Soil Genesis and Classification
  - GEO 4284 Water Resources Management
  - GIS 5049 GIS for Non-Majors

  Two of the following courses:
  - BOT 3015C General Botany
  - BOT 3152C Field Botany
  - BOT 3373C Vascular Plants: Form and Function
  - BSC 4933 Selected Topics in Biology
  - ENY 3004C Introduction to Entomology
  - ENY 5236 Insect/Pest/Vector Management (online course at University of Florida)
  - PCB 3712 General Physiology
COURSES required for the certificate cannot be used to satisfy more than six credits of major's requirements.

COURSE GRADE REQUIREMENT

Only the internship may be taken S/U. Nine (9) credits of the certificate program must be completed before registering for BSC 4940 Biology Internship.

OTHER REQUIREMENTS

Students must declare their intention to be awarded the certificate by notifying a Biology undergraduate advisor at least one full semester prior to graduation, if applicable.

If a student chooses to take one of the approved University of Florida courses listed above, it is the student’s responsibility to provide USF with an official transcript showing the approved course with a final grade.

For those students using financial aid, please be aware of USF’s cross enrollment/transient student policy, as stated in the undergraduate catalog.

CERTIFICATE IN ARABIC LANGUAGE AND CULTURE

TOTAL CERTIFICATE HOURS: 17

This certificate is constructed for individuals who are pursuing a bachelor’s degree in any field and are interested in developing their knowledge and understanding of the Arabic language and Middle Eastern culture. This certificate will prepare students for working in global business companies, the U.S. Department of State and other governmental or diplomatic positions, research centers, etc. in the future. It is offered through the Department of World Language Education.

REQUIREMENTS FOR THE CERTIFICATE IN ARABIC LANGUAGE AND CULTURE

Students must complete the following two courses before applying for the certificate program:

- ARA 1120 Modern Arabic I
- ARA 1121 Modern Arabic II

CERTIFICATE CORE (11 HOURS)

- ARA 2220 Modern Arabic III
- ARA 2221 Modern Arabic IV
- FOL 4102 General Foreign Language II

CERTIFICATE ELECTIVES (6 HOURS)

Student choose two courses from the following list of electives:

- ASN 3030 The Middle East
- CPO 4034 Politics of the Developing Areas
- INR 3011 Globalization
- INR 3038 International Wealth and Power
- INR 4083 Conflict in the World

GPA REQUIREMENTS

A minimum 3.0 GPA is required.

COURSE GRADE REQUIREMENT

A minimum grade of a C (2.0) or higher must be attained in each course.

RESIDENCY REQUIREMENT
A minimum of nine (9) hours must be completed at USF. In the case of study abroad programs, exceptions can be made.

**CERTIFICATE IN ASIAN STUDIES**

**TOTAL CERTIFICATE HOURS: 18**

http://hennarot.forest.usf.edu/main/depts/IGS/undergraduate/certificates/

The certificate in Asian Studies is designed for majors in any field who wish to gain a broad knowledge of a world area that is of unique importance.

**REQUIREMENTS FOR THE CERTIFICATE IN ASIAN STUDIES**

**CERTIFICATE CORE (18 HOURS)**

Group A (at least two courses)

- **Art:**
  - ARH 4530 Asian Art
  - ARH 4557 Chinese Art

- **Humanities:**
  - HUM 2271 Eastern and Western Culture from Antiquity to 1400
  - HUM 2273 Eastern and Western Culture Since 1400

- **Languages:**
  - CHI 1120 Modern Chinese I
  - CHI 1121 Modern Chinese II
  - CHI 2220 Modern Chinese III
  - CHI 4905 Directed Study
  - CHI 4930 Special Topics
  - JPN 1120 Modern Japanese I
  - JPN 1121 Modern Japanese II
  - JPN 2220 Modern Japanese III
  - JPN 2221 Modern Japanese IV
  - JPN 4905 Directed Study
  - JPN 4930 Selected Topics

- **Religion:**
  - REL 3318 Introduction to Chinese Religion
  - REL 3330 Religions of South Asia
  - REL 3335 Gods and Goddesses of India
  - REL 3340 Buddhism Truths and Paths
  - REL 4333 Hindu Texts and Contexts

Group B (at least two courses)

- **Geography:**
  - GEA 3703 Geography of Asia

- **History:**
  - ASH 2270 Southeast Asian History
  - ASH 3404 Modern China
  - HIS 2931* Special Topics

- **International Studies:**
  - ASN 3012 Japan Today
  - ASN 3014 China Today
  - INR 4900* Directed Readings
Political Science:
- CPO 4930* Comparative Government and Politics of Select Areas
- CPO 5934 Selected Topics in Comparative Politics
- INR 5086 Issues in International Relations

* with approval by the Advisor for the Certificate in Asian Studies

1. 18 semester hours from the courses listed.
2. At least two courses must be from Group A (no more than one course from the Languages will be counted for Group A) and at least two courses must be from Group B. (Other relevant courses may be substituted with the approval of the program advisor.)
3. Students must declare their intention to be awarded the certificate by notifying the program advisor at least one full semester prior to graduation.

GPA REQUIREMENTS

Students who fail to achieve a cumulative 2.50 GPA or higher in the program will be denied the certificate.

RESIDENCY REQUIREMENT

A minimum of 12 credits must be taken at USF.

ADVISING INFORMATION

The advisor for the Certificate in Asian Studies is Pamela Anderson; she may be contacted at pkander2@usf.edu.

CERTIFICATE IN FOOD STUDIES

TOTAL CERTIFICATE HOURS: 15

http://humanities.usf.edu/undergraduate/food/

Offered through the Department of Humanities and Cultural Studies, the Certificate in Food Studies is designed for majors in any field who wish to gain an interdisciplinary knowledge of the relationships between humans and their food, especially focusing on the sociocultural relevance of food and food systems. Food Studies is a growing field that offers students the opportunity to be interdisciplinary in their methodological approach, while studying a subject that is of tremendous social, personal, ethical, environmental and global significance.

REQUIREMENTS FOR THE CERTIFICATE IN FOOD STUDIES

CERTIFICATE CORE (3 HOURS)

- HUM 3309 Introduction to Food Studies

CERTIFICATE ELECTIVES (12 HOURS)

An additional 12 credit hours of coursework must be selected from the categories of Culture & History and System & Environments.

Group I – Culture & History (6 hours):

Courses in this category examine the cultural, historical, psychological, ethical, and ideological factors involved in domestic and/or international patterns and practices of food production and consumption. Courses may address historical shifts (industrialization, for instance), cultural rituals, race and ethnicity, gender, socioeconomic class, labor and social justice movements, food security, media analysis, aesthetics, and art.

Students must successfully complete two courses from the following list (or another suitable course chosen with the direction and approval of the certificate director and/or certificate advisor):

- AMS 4804 Major Ideas in America*
• AMH 3341 American Food and Drink History
• ANT 4185 Ancient Diets
• ANT 4467 Food, Health, and Culture
• ANT 4465 Anthropology of Food
• HUM 4930 Selected Topics in Humanities*
• HUM 4940 Internship in Humanities
• ITT 4531 Italian Food in Film
• REL 4108 Religion and Food
• SYD 4512 Sustainable Consumption
• SYP 4420 Consumer Culture

*Variable topics courses must be approved by the certificate director and the certificate advisor.

Group II – Systems & Environments (6 hours):

Courses in this category examine the biological, ecological, geographic, economic, and political factors involved in domestic and/or international patterns and practices of food production and consumption. Courses may address commodity chains, regulatory systems and policy, food safety, principles and practices of sustainable agriculture, applied urban farming, resource consumption, biodiversity, and migration patterns.

Students must successfully complete two courses from the following list (or another suitable course chosen with the direction and approval of the certificate director and/or certificate advisor):

• ANT 4403 Environmental Anthropology
• BSC 1005 Biological Principles for Non Majors
• EVR 4033 Environmental Regulation
• GEO 4265 Soil Genesis and Classification
• HSC 4573 Foundations of Food Safety
• HUN 3126 Food and Culture
• HUN 3296 Nutrition and Disease
• MCB 4223 Food Microbiology
• PHC 3320 Environmental Health Science

Students must declare their intention to be awarded the Certificate by notifying the Humanities and Cultural Studies Undergraduate Advisor at least one full semester prior to graduation.

GPA REQUIREMENTS

A cumulative GPA of 2.5 in the certificate coursework is required.

GRADING REQUIREMENT

Courses must be taken on a letter-grade basis.

OTHER REQUIREMENTS

HUM 3309 is an approved Global Citizens Project (GCP) course and can be used toward the 6 credit hours needed to qualify for the Global Citizens Award.

CERTIFICATE IN ITALIAN STUDIES

TOTAL CERTIFICATE HOURS: 23-28

http://italianstudies.cas.usf.edu/Italian_Studies_Program.pdf
The history of the geographic expression that today we call Italy is the sum of many particular histories and cultures. Yet, in their diversity and diaspora, the people of Italy have preserved, through time and place, a sense of common identity. For this reason, to understand the complexity of past and present experiences of Italians in the peninsula and of their descendants abroad, the Undergraduate Certificate in Italian Studies is designed with a broad interdisciplinary perspective. The certificate will encompass courses in several departments in two colleges. The majority of courses will focus on the study of history and culture of the people who inhabit or originated from the Italian peninsula and the islands of Sardinia and Sicily from pre-historic times to the present. In addition, however, offerings will also focus on the Italian diaspora with specific reference to the experiences of people of Italian descent in the many nations in which they settled from the early 19th century to the present.

REQUIREMENTS FOR THE CERTIFICATE IN ITALIAN STUDIES

Students are required to take between 23 and 28 credit hours from a list of courses approved for the certificate. A Faculty Advisory Committee will coordinate the Certificate of Italian Studies. Students may receive credit for courses, not included in the below list, or (if circumstances require it) may substitute a required course with another, by petitioning and if approved by the Advisory Committee.

CERTIFICATE CORE (9 HOURS)

Each student will take three courses at the 3000 or 4000 level on topics related to Italy in either Art History (ARH), Italian literature and culture (ITW), or History (HIS). However, only one course will be allowed from each department.

CERTIFICATE ELECTIVES (6-8 HOURS)

Students will take 6-8 credits of elective courses related to Italy. Course topics may vary. The following lists some of the possible courses:

- **Anthropology:**
  - ANT 4143 European Archaeology
  - ANT 4930 Special Topics in Anthropology*

- **Art History:**
  - ARH 4318 Venetian Art [instructor’s consent]

- **English:**
  - LIT 4930 Special Topics in English Studies*

- **Government and International Affairs:**
  - POT 4936 Selected Topics in Political Theory’

- **History:**
  - EUH 3412 Roman Republic
  - EUH 3413 Roman Empire
  - HIS 3930 Special Topics*

- **World Languages:**
  - CLA 3124 Daily Life in Ancient Rome
  - CLT 3123 Voyages and Metamorphoses in Roman Imagination
  - ITA 1120 Beginning Italian I
  - ITA 1121 Beginning Italian II
  - ITA 2200 Italian III
  - ITA 2240 Italian Conversation I
  - ITA 2241 Italian Conversation II
  - ITA 3420 Composition
  - ITA 3470 Overseas Study
  - ITW 4100 Survey of Italian Literature I
  - ITW 4101 Survey of Italian Literature II
  - ITW 4905 Directed Study
LAT 1120 Beginning Latin I

THE 4480 Drama - Special Topics

*Please see an academic advisor for appropriate Special/Selected Topics courses.

Study Abroad: Students in the Italian Studies Certificate program are strongly encouraged to study abroad for the summer, a semester or a year in the USF in Italy program or in any other accredited program. The Advisory Committee will determine which courses taken as part of the overseas experience will count toward fulfilling the requirements for the certificate.

Students may apply a maximum of sixteen (16) credits in the same department toward fulfilling the requirements for the certificate.

Language Requirement: Students must demonstrate proficiency in Italian or complete two semesters of language courses chosen from the following courses.

- ITA 1120 Beginning Italian I
- ITA 1121 Beginning Italian II
- ITA 2200 Intermediate Italian I
- ITA 2240 Italian Conversation I
- ITA 2241 Italian Conversation II
- ITA 3420 Composition
- LAT 1120 Beginning Latin I

CERTIFICATE IN JAPANESE

TOTAL CERTIFICATE HOURS: 15-17

The certificate is constructed for individuals who are pursuing a bachelor's degree in any field as well as non-degree seeking students and desire to advance their Japanese learning. By developing individuals' knowledge and understanding for the Japanese language and culture, this certificate will prepare them for working in Japan or for Japanese companies, working as a foreign service officer in the U.S. Department of State, or applying for the Japanese Exchange and Teaching (JET) program, etc. in the future. The certificate is offered through the Department of World Languages.

REQUIREMENTS FOR THE CERTIFICATE IN JAPANESE

Students must complete the following two courses or their equivalents before applying to the certificate program.

- JPN 1120 Modern Japanese I
- JPN 1121 Modern Japanese II

CERTIFICATE CORE (11 HOURS)

- JPN 2220 Modern Japanese III
- JPN 2221 Modern Japanese IV
- JPN 3400 Japanese V

CERTIFICATE ELECTIVES (4-6 HOURS)

Students choose two (2) courses from the following list of electives:

- JPN 4020 Japanese Calligraphy
- JPT 4957 Japan Study Program: Culture, History and Society
- JPN 3401 Japanese VI

ADVISING INFORMATION

For additional information, send a message to Dr. Giovanna Benadusi or Dr. Fraser Ottanelli, Coordinators of the Certificate in Italian Studies at itastudies@cas.usf.edu.
GPA REQUIREMENTS
A minimum 2.0 GPA is required.

COURSE GRADE REQUIREMENT
A minimum grade of C (2.0) or higher must be attained in each course.
RESIDENCY REQUIREMENT

A minimum of 9 credit hours must be completed at the University of South Florida. In case of study abroad programs, exceptions can be made.

OTHER REQUIREMENTS

Relevant courses not listed as requirements or electives and offered in other departments may be substituted with the approval of the coordinator.

CERTIFICATE IN LATIN AMERICAN AND CARIBBEAN STUDIES

TOTAL CERTIFICATE HOURS: 15

http://islac.usf.edu/

The College of Arts and Sciences offers a Certificate in Latin American and Caribbean Studies for students who wish to gain an intensive multi-disciplinary understanding of this important area, and have that knowledge formally recognized in their academic record. This program is open to all USF majors of all colleges.

REQUIREMENTS FOR THE CERTIFICATE IN LATIN AMERICAN AND CARIBBEAN STUDIES

The certificate requires a minimum of 15 semester hours of courses about Latin America and the Caribbean.

CERTIFICATE CORE (3 HOURS)

- Core Seminar LAS 3002 Latin America (3 credit hours)

CERTIFICATE ELECTIVES (12 HOURS)

Students should choose four courses (12 credit hours) from the following list of courses:

1. Anthropology
   - ANT 4165 South American Archaeology
   - ANT 4316 Ethnic Diversity in the United States
   - ANT 4323 Mexico and Central America
   - ANT 4340 The Caribbean
   - ANT 4472 Work and Migration in the Americas

2. Geography/Government & International Affairs
   - CPO 4034 Politics of the Developing Areas
   - CPO 4930 Comparative Government and Politics of Select Areas (when selected area is Latin America)*
   - GEO 3405 Geography of Latin America

3. History
   - LAH 2733 Latin American History in Film
   - LAH 3430 History of Mexico
   - LAH 3470 History of the Caribbean
   - LAH 3480 History of Cuba
   - LAH 3743 Spanish America in the Age of Revolution
   - LAS 4023 African Diaspora in Latin America and the Caribbean
   - LAS 4934 Selected Topics: Latin American Studies
   - LAS 4940 Internship in Latin America and the Caribbean

4. Art/Humanities/Literature
   - AML 3630 U.S. Latino/Latina Literature in English
   - HUM 2466 Modern Latin American Cultures
   - HUM 3463 Latin American Civilization I: Pre-Columbian & Colonial
   - HUM 4462 Pre-Columbian and Colonial Latin American Culture
FOREIGN LANGUAGE REQUIREMENT

Two semesters of course work in a relevant language such as: Spanish, Portuguese, French, or an Amerindian language such Quechua, Haitian Creole, etc.

OTHER INFORMATION

The program is open to all majors in all colleges.

Course offerings can be checked at: http://islac.usf.edu/course/.

ADVISING INFORMATION

For information and advice about the certificate program, contact the Institute for the Study of Latin America and The Caribbean (ISLAC), CPR 478, call 974-3772, or send an email to plezama@usf.edu.

CERTIFICATE IN MODERN WESTERN EUROPEAN STUDIES

TOTAL CERTIFICATE HOURS: 21-24

http://www.usf.edu/arts-sciences/students/undergraduate/certificate-programs.aspx

The College of Arts and Sciences offers this certificate through the collaboration of the Departments of English, Geography, History, Humanities and Cultural Studies, Government and International Affairs, World Languages, and Philosophy. It is designed for majors in any field who wish to gain a multi-disciplinary understanding of a part of the world that has shaped much of our civilization and holds great significance for Americans in the present and the future.

REQUIREMENTS FOR THE CERTIFICATE IN MODERN WESTERN EUROPEAN STUDIES

CERTIFICATE CORE (15-16 HOURS)

Students will take a total of three courses from the following; one of them must be either EUS 3000 or GEA 3500.

Students will take two additional semesters of the foreign language they have taken in fulfillment of the College of Arts and Sciences language requirement.

- Core Courses (9-10 credit hours)
  - EUS 3000 Europe
  - GEA 3500 Geography of Europe
  - EUH 3205 History of Nineteenth Century Europe or EUH 3206 History of Twentieth Century Europe
  - HUM 2250 Studies in Culture: The Twentieth Century
Students should make Western European study and travel an important component of their academic work. They are required to enroll for at least 3 elective credit hours in courses that involve Western European study and travel. These may be taken in one of three ways:

*Elective courses under options (2) and (3) will be chosen in consultation with the Coordinator and an Advisory Committee.

Western European study and travel allows students to concentrate on one of the areas of electives. Students may want to use overseas experience credits to fulfill their summer enrollment requirement.

A structured alternative experience in the United States may be substituted for the Overseas Experience. The Certificate accepts IDS 4955 or 4956 (Off-Campus Term Special Project) or any of the courses listed below as Elective Courses for credit for this requirement. Coordinator, Advisory Committee and student will tailor the experience to fit the student's individual needs.

(Note: the student should take courses from the list below after completing the two additional semesters of the foreign language requirement (see I) or, if already advanced in a language, with the instructor's approval. These courses are generally taught in the target language.)

- **Overseas Experience**
  - as IDS 4955 (Off-Campus Term International Program).
  - as one or two of the courses listed below as Elective Courses, or
  - as part of overseas study courses offered by other USF colleges and other universities.

- **English**
  - ENL 3230 British Literature 1616-1780
  - ENL 3251 British Literature 1780-1900
  - ENL 3273 British Literature 1900-1945
  - ENL 3331 Early Shakespeare
  - ENL 3332 Late Shakespeare
  - LIT 3102 Literature of the Western World Since the Renaissance

- **History**
  - EUH 3142 Renaissance and Reformation
  - EUH 3202 History of 17th and 18th Century Europe
  - EUH 3205 History of 19th Century Europe
  - EUH 3206 History of 20th Century Europe
  - EUH 3462 German History 1870 to Present
  - EUH 3501 British History to 1688
  - EUH 3502 British History 1688 to Present
  - HIS 3930 Special Topics
  - HIS 4900 Directed Reading

- **Humanities and Cultural Studies**
  - HUM 4905 Directed Study
  - HUM 4941 Study on Location

- **Government and International Affairs**
  - CPO 4930 Comparative Government and Politics of Select Areas
  - INR 3955 Overseas Study
  - INR 4900 Directed Readings
  - INR 4910 Directed Research
  - INR 4931 Selected Topics
  - POS 3931 Selected Topics
World Languages

- FRENCH
  - FRE 3234 Reading in French Literature and Culture
  - FRE 3440 French for Business
  - FRE 3500 French Civilization
  - FRW 4100 The French Novel
  - FRW 4101 Introduction to French Drama and Poetry
  - FRE 4905 Directed Study
  - FRE 4930 Selected Topics

- GERMAN
  - GER 3500 The Germans - Past and Present
  - GET 3103 German Literature in English Translation
  - GET 3522 Fantastic Films of Early German Cinema
  - GEW 4100 Survey of German Literature I
  - GEW 4101 Survey of German Literature II
  - GEW 4900 Directed Study
  - GEW 4930 Selected Topics

- ITALIAN
  - ITW 4100 Survey of Italian Literature I
  - ITW 4101 Survey of Italian Literature II
  - ITW 4905 Directed Study

- SPANISH
  - SPN 3440 Spanish for Business and International Trade I
  - SPN 3441 Spanish for Business and International Trade II
  - SPN 3500 Spanish Civilization
  - SPW 3030 Introduction to Hispanic Literacy Studies
  - SPW 4100 Survey of Spanish Literature I
  - SPW 4101 Survey of Spanish Literature II
  - SPW 4900 Directed Study
  - SPW 4930 Selected Topics

Philosophy

- PHH 3420 Early Modern Philosophy
- PHH 4440 Continental Philosophy
- PHM 4331 Modern Political Philosophy
- PHP 3786 Existentialism
- PHP 4410 Kant

Students must declare their intention to be awarded the certificate by notifying the Coordinator at least one full semester prior to graduation.

GPA REQUIREMENTS

A cumulative GPA of 2.5 in the certificate course work is required.

RESEARCH OPPORTUNITIES

Students may avail themselves of Research Opportunities through Undergraduate Research and/or WLE’s annual Research Colloquium where they may present their research. Students will want to contact professors in the areas they may wish to do research.

ADVISING INFORMATION
The Certificate Program in National Intelligence is designed to promote students’ analytical capabilities, not only improving their competitiveness in the employment process, but also giving them solid intellectual foundations for demanding professional careers. The program specifically helps prepare students for careers in government, especially intelligence positions, as well as analytical executive positions in the banking, insurance, and the pharmaceutical industries. The flexible program includes workshops and seminars which each student can fit with his or her major course of study. Those who complete the certificate program should be able to effectively gather, analyze, and evaluate information and present conclusions both orally and in writing.

REQUIREMENTS FOR THE CERTIFICATE IN NATIONAL INTELLIGENCE

CERTIFICATE CORE (26 HOURS)

Foreign Language Proficiency: (minimum 4 semesters of language study, or proficiency):
Students must pass an exam administered by the World Languages Department to determine if the student has the equivalent of two years of language instruction in any foreign language. The placement exam will be administered after a student has taken language instruction at USF or for students who claim foreign language proficiency upon enrolling at USF. Those students who want to pursue additional training in a "hard" language (Chinese, Arabic, for example) are eligible for some funding support under this program. Interested students should submit a language-study proposal to the Director of the Program.

Professional Writing: (3 credit hour minimum):
The certificate program places a heavy emphasis on developing writing skills. Certificate holders must have satisfactorily completed one of the following professional writing courses:

- ENC 3242 Technical Communication for Majors
- ENC 3250 Professional Writing
- ENC 3310 Expository Writing
- PHC 4720 Foundation to Professional Writing in Public Health
- LIS 4029 Professional & Technical Comm. for Analysts

International Relations: (3 credit hour minimum):
Certificate holders must have satisfactorily completed one of the following international relations courses:

- CPO 2002 Introduction to Comparative Politics
- INR 3102 American Foreign Policy
- CPO 4930 Comparative Government and Politics of Select Areas

Analytical Skills and Critical Thinking Courses: (6 credit hour minimum):
Certificate holders must satisfactorily complete courses in their majors/minors that promote analytical skills and critical thinking. The Program Director, in consultation with the Dean of the College or Department of a requesting student, can include proposed courses (such as independent study) to fulfill this requirement; course approval will be made on a case-by-case basis. The Analytical Skills and Critical Thinking requirement should be met by taking the appropriate courses for your major.

- AMS 4935 Senior Seminar in American Studies
- CEG 4850 Capstone Geotechnical/Transportation Design
- CES 4704 Capstone Structural/Materials Design
- CIS 4250 Ethical Issues and Professional Conduct
- CWR 4812 Capstone Water Resources/Environmental Design

http://si.usf.edu/ms/certificates/
- **ECH 4615** Product and Process Design
- **EEL 4914** EE Design 2
- **EIN 4891** Industrial Engineering Senior Design Project II
- **EML 4551** Capstone Design
- **GEB 4890** Strategic Management and Decision Making
- **HIS 4936** Pro-Seminar in History
- **HSC 4631** Critical Issues in Public Health
- **MHS 4731** Writing for Research and Publication in Behavioral and Community Sciences
- **MAN 4631** Global Perspectives and Management Choices

**Workshops and Seminars: (2 credit hour minimum):**

The Program Director will conduct workshops (one-day) and seminars (four consecutive days during the summer break). Students pursuing a certificate must participate in one workshop prior to registering for a seminar. The workshops will be conducted frequently during the academic year and the four-day seminar will be offered during the summer months (ideally, one in June, one in July and one in August). Satisfactory completion of the seminar constitutes a 2-credit course. The seminars may be repeated for credit.

The requirements for the undergraduate certificate are:

- Minimum of four (4) semesters of instruction in one foreign language, and passing a foreign language proficiency test in the subject matter. Students who are proficient in a foreign language may take a foreign language proficiency examination as administered by the University.
- Satisfactory completion of at least one professional writing course
- Satisfactory completion of at least one international relations course
- Satisfactory completion of at least two courses in college/major departments that promote analytic skills and critical thinking
- Satisfactory completion of a 4-day summer seminar organized by the Program Director
- Only degree-seeking undergraduate students may apply for this certificate.

**GRADING REQUIREMENT**

Satisfactory completion of all coursework for the certificate with a grade of C (2.0) or better, C- is not sufficient.

**RESIDENCY REQUIREMENT**

18 hours of coursework for the minor must be completed at USF Tampa.

**CERTIFICATE IN RUSSIAN STUDIES**

**TOTAL CERTIFICATE HOURS: 14**

[http://history.usf.edu/ug/russian/](http://history.usf.edu/ug/russian/)

This certificate is designed for majors in any field who wish to enhance their understanding of the peoples and cultures of Russia, Eastern Europe, and Central Asia. The College of Arts and Sciences offers this certificate through the collaboration of the Department of World Languages, the School of Interdisciplinary Global Studies, and the Department of History. Courses from other departments may count if their subject matter has significant Russian or Eurasian content.

**REQUIREMENTS FOR THE CERTIFICATE IN RUSSIAN STUDIES**

14 credit hours and a 3.0 GPA in certificate coursework.

**CERTIFICATE CORE (14 HOURS)**

I. Language, Linguistics and Literature (8 hours)

- **RUS 1120** Elementary Russian I
II. History, Politics and Culture (6 hours)

Courses may include, for example:

- EUH 3575 History of Imperial Russia, 1689-1917
- EUH 3576 History of Soviet Union, 1917-1991
- EUH 3676 Early Christians, Pagans, and Heretics
- EUS 3022 Russia
- HIS 4936 Proseminar in History: Global History of Communism
- HIS 4936 Proseminar in History: The Soviet Union in WWII
- RUT 3110 Nineteenth Century Russian Literature in English
- RUT 3111 20th Century Russian Lit in English
- RUS 3500 Russian Civilization
- RUS 4900 Selected Topics: Russia Through Film

This is not an exhaustive list. Other courses with significant Russian-related content may be substituted for those listed above upon approval of the Russian Studies Coordinator.

Students must declare their intention to be awarded the certificate by notifying the coordinator at least one full semester prior to graduation.

Language

All students are encouraged to develop their language skills to the highest possible level, whether they are working in a Slavic, Turkic, or other language of the region. It is very important that students begin developing their language skills as early as possible. It is recommended that students take as many years of language study as possible.

GPA REQUIREMENTS

Maintain a GPA of 3.0 in certificate coursework.
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COLLEGE OF BEHAVIORAL & COMMUNITY SCIENCES

About the College

Established in 2008, the College of Behavioral & Community Sciences is breaking new ground by combining knowledge gained through the behavioral sciences with knowledge gained from the community. Our emphasis on Behavioral Science reflects a focus on individuals, emphasizing behavioral research that examines the problems and challenges people encounter, as well as their need for clinical and supportive services. Our emphasis on Community Science reflects our commitment to understanding the larger contextual factors that have an impact on the well-being and safety of individuals and their families, such as the effectiveness of systems and policies that impact and support the well-being of individuals. We accomplish this by engaging community and neighborhood stakeholders in a partnered, participatory manner and by collaborating with local, state, and national organizations in both the public and private sectors.

The College of Behavioral & Community Sciences serves approximately 3,000 students with eight (8) undergraduate, (11) eleven master's, and seven (7) doctoral programs housed in six (6) academic departments/schools. The College is the home of the Louis de la Parte Florida Mental Health Institute, one of the largest behavioral health research and training institutes in the country as well as 17 specialized Research Centers and Institutes. Our aim is nothing less than to be among the most influential resources for behavioral and community sciences in the region, nation, and world.

Mission, Vision, Values

Mission

To advance knowledge through interdisciplinary teaching, research, and service that improves the capacity of individuals, families, and diverse communities to promote productive, satisfying, healthy, and safe lives across the lifespan.

Vision

College of Behavioral and Community Sciences envisions the college as a globally recognized leader that creates innovative solutions to the complex conditions that affect the behavior and well-being of individuals, families, and diverse communities.

Values

Inclusion and diversity in all its dimensions are core values that permeate the teaching, research, and service activities of College of Behavioral and Community Sciences. As members of the higher education community, College of Behavioral and Community Sciences values shared governance, academic freedom, and professional responsibility.
Principles That Guide Our Work
In implementing our work, College of Behavioral and Community Sciences strives to incorporate Interdisciplinary approaches to teaching, research, and service; engagement with community partners; and student participation in research, service, and global initiatives.

College-Level Requirements

Entrance Requirement to Declare a Major in the College of Behavioral and Community Sciences
Students must have a minimum 2.00 cumulative grade point average in any previously attempted USF/overall college-level coursework prior to declaring a major in the College of Behavioral and Community Sciences. Exceptions will be considered on an individual basis, with departmental approval required, by the CBCS Academic Regulations Committee.

Other Information - Departmental Minor
Students may not use courses in the major for the minor, unless approved by the department offering the minor.

Graduation Requirements
EACH STUDENT IS RESPONSIBLE FOR MEETING GRADUATION REQUIREMENTS AS FOLLOWS:

1. Complete at least 120 accepted semester hours with a minimum USF cumulative Grade Point Average (GPA) and overall GPA of 2.00. All grades including "D"s and "F"s are used to calculate USF, overall, and major GPAs for students in the College of Behavioral and Community Sciences.

2. Maintain major GPA of 2.00 in USF coursework.

3. Complete the Foreign Language Entrance Requirement. Students pursuing a B.A. degree must also complete the Foreign Language Exit Requirement.

4. Satisfy the State Communication Requirement (formerly known as Gordon Rule Writing) and State Computation Requirement (formerly known as Gordon Rule Math). Transfer students who enter USF with 60 or more semester hours from a regionally accredited institution are considered to have met the communication portion of this Regulation.

5. Complete 36 hours of General Education State Core courses and Enhanced General Education Curriculum (for more information, see section titled "Enhanced General Education" in Academic Policies and Procedures section).

6. Complete at least 9 semester hours at a Florida public university in the Florida State University System during summer terms if entering USF with fewer than 60 semester hours.

7. Complete all major course requirements.

8. Thirty (30) of the last 60 semester hours must be completed at USF Tampa to fulfill the residency requirement.

9. When double majoring, a maximum of 2 courses or 8 hours may be used to satisfy requirements between majors. Students should check with the advisors in both departments when pursuing more than one degree.

10. S/U contracts must be negotiated in writing within the first three (3) weeks of the term. No credits may be taken S/U in the student’s major unless S/U is the only grading option. Coursework fulfilling the State Communication Requirement (formerly known as Gordon Rule Writing) and State Computation Requirement (formerly known as Gordon Rule Math) may not be taken S/U.

11. The Audit option is available only during the first 5 (five) days of classes.

12. Complete Civics Literacy requirement.

13. Complete a minimum of 42 hours of upper-level courses (numbered 3000 or above).

14. Students must apply for graduation by the end of the fourth week of their final semester (See Registrar's calendar for exact dates.). For late application information, please refer to the Application for Graduation section of the Academic Policy and Procedures division of the catalog.
Baccalaureate-Level Degree Programs

Global Pathways
https://www.usf.edu/gcp/students/index.aspx
A Global Pathway is an undergraduate major or degree program that has significant global content. Global Pathways provide students with the opportunity to practice and apply global competencies through the major or degree program. The following programs are designated as Global Pathway Programs:

Communication Sciences & Disorders
https://www.usf.edu/cbcs/csd/
Social Work
https://www.usf.edu/cbcs/social-work/

Bachelor of Arts

Communication Sciences & Disorders
https://www.usf.edu/cbcs/csd/undergrad/index.aspx
The Department of Communication Sciences & Disorders (CSD) offers the Bachelor of Arts Degree in the Speech-Language-Hearing Science (LSH) concentration, Interpreter Training Track (ITT) concentration, and Deaf Studies (DST) concentration. The Bachelor of Arts degree concentrations require approximately two years of concentrated upper level study. Courses in this major are sequenced with specific prerequisites for advanced course placement.

Criminology
https://www.usf.edu/cbcs/criminology/undergraduate/majors.aspx
The major in Criminology provides students with an in-depth exposure to all facets of the criminal justice system including law enforcement, detention, the judiciary, corrections, and probation and parole. The program concentrates on achieving balance in the above aspects of the system from the perspective of the criminal justice professional, the offender, and society. The program provides a solid background in the theory, issues and methodology comprising Criminology.

Undergraduate Honors Program
https://www.usf.edu/cbcs/criminology/undergraduate/honorsprogram.aspx
Students in the Criminology Honors Program will have the opportunity to make their first contribution to the study of criminology and at the same time gain valuable research, critical thinking, and writing skills. Successful completion of the program will depend upon the student's ability to absorb the additional workload and produce a thesis with minimal individual guidance.

Bachelor of Science

Aging Sciences
https://www.usf.edu/cbcs/aging-studies/academics/bs/ba.aspx
As the older adult population in the U.S. increases, understanding of the aging process is important for all students. The BS in Aging Sciences focuses on the study of the process of human aging in all its many aspects: physical, psychological and social. Our educational programs emphasize the linkage between research, practice and policy, with the goal of applying the best research knowledge to the "Real World" to provide evidence-based practice and policy for older adults.

Behavioral Healthcare
https://www.usf.edu/cbcs/mhlp/students/behavioral-healthcare-major.aspx
Behavioral health problems, including mental illness and substance abuse, are among the greatest public health challenges facing our communities. New, scientific based treatment approaches are available to treat and prevent many of these behavioral health issues. The Behavioral Healthcare major will expose students to these treatment approaches as well as to issues in the organization, finances, and outcome of behavioral health services.
Long Term Care Administration
https://www.usf.edu/cbcs/aging-studies/academics/bs/bs.aspx

The Bachelor of Science Degree in Long-Term Care Administration is a specialist degree which, in addition to providing students with a basic education in aging, is intended to prepare them for entry-level positions in Nursing Home Administration. This degree requires 39 hours of course work, plus prerequisites. This course of study is especially appropriate for students who intend to begin working immediately following completion of the degree program.

B.S.W. in Social Work
https://www.usf.edu/cbcs/social-work/admissions/bswadmissions.aspx

The BSW program is limited access. Even if all requirements are met, there are no guaranteed admissions. To be admitted to the USF College of Behavioral and Community Sciences and School of Social Work at the junior level, a student should follow a pre-social work program leading to the Associate of Arts degree at a Florida public community college, and:

- Admission to the University and a minimum USF/Overall GPA of 2.75.
- Completion of 15 semester hours of common program prerequisites with a minimum "C" grade in each course.
- Complete an application in the semester in which he/she is enrolled in foundation courses. (Consideration in the admissions process includes GPA, letters of reference, essay and volunteer/paid work related to Social Work).
- Achieve the minimum GPA required in the foundation courses noted on the webpage.

Minors

Aging Sciences
https://www.usf.edu/cbcs/aging-studies/academics/bs/minor.aspx

An undergraduate minor in Aging Sciences is available for students interested in pursuing careers in conjunction with any undergraduate major. Requirements for the minor in Aging Sciences are a total of 15 hours.

Applied Behavior Analysis
https://www.usf.edu/cbcs/cfs/academics/aba/aba-minor/

The ABA minor is for students seeking knowledge and skills in the field and is especially valuable for those seeking to become a Board Certified Assistant Behavior Analyst (BCaBA) or those seeking to prepare for a graduate program in ABA. The ABA minor is open to all students.

Behavioral Healthcare
https://www.usf.edu/cbcs/mhlp/students/behavioral-healthcare-minor.aspx

Behavioral health problems, including mental illness and substance abuse, are among the greatest public health challenges facing our communities. New, scientifically based treatment approaches are available to treat and prevent many of these behavioral health issues. Students will be exposed to these treatment approaches as well as to issues in the organization, financing, delivery, and outcomes of behavioral health services. The emphasis of the curricula is on those empirically validated methods of service delivery within the context of current funding, policies, and trends. Behavioral Healthcare is offered as an Undergraduate Minor by the USF Louis de la Parte Florida Mental Health Institute in the College of Behavioral and Community Sciences, as a Concentration in the Bachelor of Science in Applied Science degree program, a Concentration in the Bachelor of General Studies and as a Cognate in the Interdisciplinary Social Sciences Bachelor's program.

Criminology
https://www.usf.edu/cbcs/criminology/undergraduate/minor.aspx

The Department of Criminology offers a minor in Criminology. A total of 18 hours is required for completion of the minor. A minimum of nine semester hours must be completed at USF Tampa Campus. A minimum of 12 semester hours must be completed at USF.
The minor in Forensic Behavioral Health is available to students interested in pursuing the interaction of mental health and substance use disorders with the criminal justice system. It should be particularly beneficial for students in disciplines such as criminology, psychology, social work, sociology, anthropology, public health, and pre-law.

Concentrations

A concentration is any organized set of courses that is offered as part of a major and enhances or complements the degree program to be awarded in a manner that leads to specific educational or occupational goals, and/or from different disciplines that provide an interdisciplinary focus.

BEHAVIORAL HEALTHCARE
- Addictions and Behavioral Healthcare
- Adult Community Services
- Aging and Behavioral Health
- Applied Behavior Analysis
- Behavioral Health Research
- Children's Mental Health

COMMUNICATION SCIENCES AND DISORDERS
- Deaf Studies
- Interpreter Training
- Language-Speech-Hearing

Certificates

The Undergraduate Research Certificate provides students with a planned sequence of courses to support their systematic development as undergraduate researchers and prepare them for graduate school. The Undergraduate Research Certificate is a cross-departmental initiative within the College of Behavioral & Community Sciences. See https://www.usf.edu/cbcs/undergraduate/certificates.aspx for more information.

The following courses are required for completion of the certificate. Many of these courses will also count toward completion of a general education requirements or a student's major.
- Addictions and Substance Abuse Profession
- Undergraduate Research in Behavioral & Community Sciences

Undergraduate Advising Information

Please visit the College of Behavioral and Community Sciences website for advisor information at https://www.usf.edu/cbcs/undergraduate/advising.aspx.

Current Undergraduate Students: Please use eScheduler at https://usfweb.usf.edu/escheduler/student.aspx (requires login).

Interested prospective students or Non USF students who do not have a USF ID number can schedule appointments using the NonStudent eScheduler at https://usfweb.usf.edu/escheduler/NonStudentLogin.aspx.
The Bachelor of Science degree in Aging Sciences entails 36 credit hours of required coursework. In this program, the course of study provides students with an education in aging sciences and some exposure to the various career opportunities in the field of aging. This degree is especially appropriate for students who plan to pursue graduate or professional work in aging, allied health or a related field, or who plan to work with older adults in careers such as care management, social services, or program development.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- STA X122 Social Science Statistics or QMB X150 or QMB X100 or STA X014 or STA 040 or STA X023 or STA X024

REQUIREMENTS FOR THE MAJOR IN AGING SCIENCES

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (21 HOURS)

- GEY 2000 Introduction to Aging Sciences
- GEY 3601 Physical Changes and Aging
- GEY 4401 Research Methods in Aging
- GEY 4612 Psychology of Aging
- GEY 4628 Health, Ethnicity, and Aging
- GEY 4641 Death and Dying

Required Capstone Course* - Students will choose one:

- GEY 4945 Internship or
- GEY 4690 Senior Seminar in Aging or
- GEY 4917 Directed Research in Aging

*These courses are School capstone experience courses and do not qualify to meet the General Education requirement.
MAJOR ELECTIVES (15 HOURS)

B.S. students complete 15 additional elective hours. Students should meet frequently with the departmental advisor to plan courses and field work that will prepare them for their career goals.

- DEP 2004 The Life Cycle
- GEY 3503 Administration of Assisted Living Facilities
- GEY 3625 Sociological Aspects of Aging
- GEY 4101 Aging in Special Populations
- GEY 4102 Aging in Modern Literature and Film
- GEY 4104 Healthy Global Aging
- GEY 4231 Elder Abuse and Neglect
- GEY 4322 Care Management for Older Adults
- GEY 4360 Counseling for Older Adults
- GEY 4475 Program Evaluation in an Aging Society
- GEY 4507 Understanding Policies and Practices of Long Term Care
- GEY 4520 Legal Aspects of Health Care Administration
- GEY 4608 Alzheimer's Disease Management
- GEY 4629 Women in Aging
- GEY 4632 Economics of Aging
- GEY 4635 Business Management in an Aging Society
- GEY 4647 Ethical and Legal Issues of Aging
- GEY 4900 Directed Readings in Aging

GRADING REQUIREMENT

A grade of lower than "C-" in Aging Sciences courses will not be counted toward fulfilling the requirements for the major.

OTHER REQUIREMENTS

Concentration in Aging Sciences/Gerontology are available in the following majors:

- Bachelor of Science in Applied Science: Aging Sciences, offered through Undergraduate Studies
- Bachelor of General Studies: Aging Sciences, offered through Undergraduate Studies
- Bachelor of Arts in Interdisciplinary Social Sciences: Aging Sciences, offered through the College of Arts and Sciences
- Bachelor of Science in Behavioral Healthcare: Aging and Behavioral Health, offered through the College of Behavioral and Community Sciences
- Bachelor of Science in Health Sciences: Aging Health Sciences, offered through the College of Arts and Sciences

RESEARCH OPPORTUNITIES

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

Students who have completed a major portion (usually in the final 2 semesters of the program) of the Aging Sciences program of study may opt to apply for an internship to fulfill a capstone requirement leading to graduation. Internships are selective and awarded to students who demonstrate considerable professional readiness and have developed well-defined professional goals that will be enriched and advanced through an internship. Internships are typically worth 3 credit hours.

ADVISING INFORMATION

Contact the undergraduate advisor as early as possible in your career at the University of South Florida. Students should plan to meet frequently with the advisor to plan courses and field work that will prepare the student for career goals.

Undergraduate Advisor: Jessica Wall; jwall5@usf.edu.

AGING SCIENCES FACULTY


B.S. - BEHAVIORAL HEALTHCARE (BHC)

(CIP = 44.0000)
TOTAL DEGREE HOURS: 120

http://www.usf.edu/cbcs/mhlp/students/behavioral-healthcare-major.aspx

Behavioral health problems, such as mental illness and substance abuse, are among the greatest public health challenges facing our communities. New, scientifically-based approaches are available to treat and prevent many behavioral health problems. Students will be exposed to treatment approaches as well as to issues in the organization, financing, delivery, and outcomes of behavioral health services. The emphasis of the curricula is on practices that have been scientifically validated and the delivery of services within the context of current funding, policies and trends. Students must also demonstrate behaviors that are congruent with the professional standards and values of the profession. Students desiring a career in this field should be aware that fingerprinting, a background check, and drug screen may be required to work in this field. Failure to pass one of these checks would be cause to terminate a student from the major. Students may be responsible for any associated costs.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- PSY X012 Introduction to Psychological Science
- STA XXXX Any level Statistics course or PSY X204 Psychological Statistics
- SYG X000 Introduction to Sociology or SYG X010 Contemporary Social Problems
REQUIREMENTS FOR THE MAJOR IN BEHAVIORAL HEALTHCARE

TOTAL MAJOR HOURS: 37

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (19 HOURS)

The B.S. in Behavioral Healthcare prepares students for entry-level positions in agencies that provide a variety of treatment services for individuals with diagnosed mental health, substance use and/or behavioral issues. Other students may be preparing for graduate programs in human services and/or research. The program provides students with six options for specialization in (1) Adult Community Services, (2) Children’s Mental Health, (3) Applied Behavior Analysis, (4) Addictions and Behavioral Healthcare, (5) Aging and Behavioral Health, and (6) Behavioral Health Research. The curriculum emphasizes evidence-based practices utilizing a recovery-focused, holistic and strength-based approach to behavioral healthcare.

- MHS 3411 Multidisciplinary Behavioral Healthcare Services*
- MHS 4002 Behavioral Health Systems Delivery
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4452 Co-Occurring Disorders
- MHS 4703 Legal, Ethical and Professional Issues in BHC
- PSY 3213 Research Methods in Psychology

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

GPA REQUIREMENTS

Students must maintain a minimum cumulative GPA of 2.50 in major coursework while enrolled in the program. Students falling below the 2.50 GPA requirement will be allowed no more than one semester to improve their GPA to the threshold.

COURSE GRADE REQUIREMENT

MHS 3411 requires a minimum grade of "B-" prior to proceeding with other courses in the Behavioral Healthcare program.

GRADING REQUIREMENT

A grade of lower than "C-" in any Behavioral Healthcare major course will not be counted toward fulfilling the requirements for the major.

“D+” Rule - Behavioral Healthcare majors are limited to two (2) grades of “D+” or lower in their major coursework. Any student who receives a grade of D+ or lower in more than two (2) major courses will be required to seek major reselection. Note: Students may use grade forgiveness to improve GPA, but all “D+” or lower grades will count toward the maximum allowed total “D+” grades, regardless of whether grade forgiveness has been applied.

RESIDENCY REQUIREMENT

At least 18 hours of major coursework must be taken in residence at USF Tampa.

RESEARCH OPPORTUNITIES

All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office of Undergraduate Research will assist students in understanding the various course options.
A concentration in Behavioral Healthcare is offered through the Bachelor of Science in Applied Science (BSAS) degree program for Florida A.S. transfers as well as the Bachelor of General Studies (BGS) for returning students. Both majors are offered through Undergraduate Studies.

A concentration in Multidisciplinary Behavioral Sciences is available through the Interdisciplinary Social Sciences (ISS) major, which is offered by the College of Arts & Sciences.

For questions related to advising please contact BHC Advising at bhc_advise@usf.edu.

Chairperson: H. Hills; Professors: R. Boothroyd, M. Dow, R. Peters; Associate Professors: K. Blair, T. Boaz, A. Christy, K. Crosland, J. Epps, A. Gum, H. Hills, R. Otto, P. Stiles, G. Teague; Research Associate Professors: C. Lescano, K. Moore, J. Robst; Clinical Associate Professor: R. Weinberg; Assistant Professors: K. Conner, N. Jones, K. Rigg; Research Assistant Professors: N. Dollard, B. Lee, S. Young; Assistant in Research: S. Roggenbaum; Research Associate: M. Engelhardt; Technical Assistance Associate: J. Winarski; Emeritus Professors: L. Branch, M. Dertke, N. Poythress, L. Schonfeld; J. Ward, Jr.; Distinguished Professor: M. Knox.

Service delivery to individuals with developmental disabilities, Autism spectrum disorders, and other behaviors that may limit functioning is addressed with very specific behavioral techniques. This concentration is appropriate for individuals desiring certification in the field or as a complement to other service delivery strategies.

Requirements for the Concentration in Applied Behavior Analysis

Total Concentration Hours: 37

Concentration Core (18 Hours)

- MHS 3204 Fundamentals of Applied Behavior Analysis or CLP 4414 Behavior Modification
- MHS 4202 Behavior Assessment and Intervention Planning
- MHS 4206 Applied Behavior Analysis in Autism and Developmental Disabilities
- MHS 4412 Research Methods and Ethical Issues in Behavior Analysis
- MHS 4490 Behavioral Healthcare Issues for Children
- MHS 4943 Practicum Seminar in Applied Behavior Analysis

Students interested in direct employment or preparation for graduate training will find this concentration geared to the provision of evidence-based services with adults who are receiving services in the behavioral healthcare system. This concentration will assist students who desire to become certified as 1) Certified Addictions Professional, 2) Certified Behavioral Health Technician, 3) Certified Mental Health Professional, 4) Certified Prevention Specialist, 5) Recovery Peer Specialist, or 6) Recovery Support Specialist.

Requirements for the Concentration in Adult Community Services

Total Concentration Hours: 37

Concentration Core (15 Hours)

- MHS 3204 Fundamentals of Applied Behavior Analysis or CLP 4414 Behavior Modification
- MHS 4022 Adult Psychopathology in the Community
- MHS 4023 Recovery-Oriented Mental Health Services
MHS 4425 Field Experience in Behavioral Healthcare
MHS 4723 Professional Seminar in Behavioral Healthcare

Students must apply to take MHS 4425 Field Experience in Behavioral Healthcare two semesters before taking the course. This course has four prerequisites: MHS 3411 with a B- or higher, MHS 4002, MHS 4723, and MHS 4408. MHS 4723 and MHS 4408 may be taken as a prerequisite or a co-requisite course. The application, deadlines, and additional information about the course can be found on the Field Experience webpage: http://www.usf.edu/cbcs/mhlp/students/field-experience.aspx.

Concentration Electives (3 hours)
MHS 3XXX or 4XXX Behavioral Healthcare Elective (consult with an academic advisor) options include:

- MHS 3062 Behavioral Healthcare Services for Older Adults
- MHS 4434 Behavioral Health and the Family
- MHS 4453 Applied Psychopharmacology in Drug Abuse and Dependency
- MHS 4454 Alcohol Drugs and Crime
- MHS 4455 Drug Abuse Prevention and Treatment
- MHS 4463 Suicide Issues in Behavioral Health
- MHS 4731 Writing for Research and Publication in Behavioral and Community Sciences
- MHS 4931 Selected Topics

AGING AND BEHAVIORAL HEALTH (AGBH) CONCENTRATION

The concentration is designed to provide students with the skills and background to work in the growing older adult behavioral/long-term healthcare system.

REQUIREMENTS FOR THE CONCENTRATION IN AGING AND BEHAVIORAL HEALTH

TOTAL CONCENTRATION HOURS: 37

CONCENTRATION CORE (18 HOURS)

- GEY 4322 Care Management for Older Adults or GEY 4608 Alzheimer's Disease Management
- GEY 4360 Counseling for Older Adults
- GEY 4612 Psychology of Aging
- MHS 3062 Behavioral Healthcare Services for Older Adults
- MHS 4425 Field Experience in Behavioral Healthcare
- MHS 4723 Professional Seminar in Behavioral Healthcare

Students must apply to take MHS 4425 Field Experience in Behavioral Healthcare two semesters before taking the course. This course has four prerequisites: MHS 3411 with a B- or higher, MHS 4002, MHS 4723, and MHS 4408. MHS 4723 and MHS 4408 may be taken as a prerequisite or a co-requisite course. The application, deadlines, and additional information about the course can be found on the Field Experience webpage: http://www.usf.edu/cbcs/mhlp/students/field-experience.aspx.

ADDITIONS AND BEHAVIORAL HEALTHCARE (BAH) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN ADDICTIONS AND BEHAVIORAL HEALTHCARE

TOTAL CONCENTRATION HOURS: 37

CONCENTRATION CORE (18 HOURS)

- MHS 4022 Adult Psychopathology in the Community
- MHS 4425 Field Experience in Behavioral Healthcare
BEHAVIORAL HEALTH RESEARCH (BHR) CONCENTRATION

This concentration will prepare students for graduate school and research careers in the field of behavioral healthcare. Building on lower level courses in statistics and research methods, the research concentration will enhance student's knowledge and skills for conducting scientific research in the field of behavioral healthcare.

REQUIREMENTS FOR THE CONCENTRATION IN BEHAVIORAL HEALTH RESEARCH

TOTAL CONCENTRATION HOURS: 37

CONCENTRATION CORE (18 HOURS)

- IDS 1505 Introduction to Research in Beh. & Com. Sciences
- IDS 2600 Applications of Research in Community Settings
- MHS 4413 Applied Data Analysis for Behavioral Health Research
- MHS 4731 Writing for Research and Publication in Behavioral and Community Sciences
- MHS 4741 Applied Research Methods
- MHS 4912 Independent Research in Behavioral Health
- One course from the following list of courses:
  - GEY 4360 Counseling for Older Adults
  - MHS 4022 Adult Psychopathology in the Community
  - MHS 4490 Behavioral Healthcare Issues for Children

CHILDREN’S MENTAL HEALTH (CML) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN CHILDREN’S MENTAL HEALTH

TOTAL CONCENTRATION HOURS: 37

CONCENTRATION CORE (18 HOURS)

Not-for-profit agencies in the community provide services that address a wide spectrum of children's issues ranging from prevention to inpatient or residential care. This concentration is designed for students considering a career in children's mental health.

- MHS 3204 Fundamentals of Applied Behavior Analysis or CLP 4414 Behavior Modification
- MHS 4074 Child Development and Trauma
- MHS 4723 Professional Seminar in Behavioral Healthcare
- MHS 4425 Field Experience in Behavioral Healthcare
- MHS 4434 Behavioral Health and the Family
- MHS 4490 Behavioral Healthcare Issues for Children
Students must apply to take MHS 4425 Field Experience in Behavioral Healthcare two semesters before taking the course. This course has four prerequisites: MHS 3411 with a B- or higher, MHS 4002, MHS 4723, and MHS 4408. MHS 4408 may be taken as a prerequisite or a co-requisite course. The application, application deadlines, and additional information about the course can be found on the Field Experience webpage: http://www.usf.edu/cbcs/mhlp/students/field-experience.aspx.

B.A. - COMMUNICATION SCIENCES AND DISORDERS (CSD)
(CIP = 51.0204)
TOTAL DEGREE HOURS: 120

Certified Global Pathways Program
The undergraduate program in Communication Sciences and Disorders (CSD) offers three curriculum concentrations that lead to the B.A. degree:

1. Language-Speech-Hearing (LSH): The LSH concentration provides pre-professional study that prepares the student for Master's level preparation in Speech-Language Pathology or for entry into the clinical Doctor of Audiology degree.
2. Interpreter Training (ITT): The ITT concentration prepares individuals to work in settings that require an interpreter to facilitate communication between Deaf and hearing individuals.
3. Deaf Studies (DST): The DST concentration is intended to prepare students to work in a variety of settings (e.g., social services, vocational rehabilitation, education, etc.) with a variety of d/Deaf and hard of hearing individuals utilizing various communication methods, both manual and oral.

This program has been certified as a Global Pathway. Global Pathway programs have significant global content and align with the goals of USF’s Quality Enhancement Plan, the Global Citizens Project. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.

STATE MANDATED COMMON COURSE PREREQUISITES
Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

REQUIREMENTS FOR THE MAJOR IN COMMUNICATION SCIENCES AND DISORDERS

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

GRADING REQUIREMENT
A student must receive a "C-" grade or better in all courses within the major (some prerequisites may require higher minimum grades). Any student who receives a grade of "D+" or lower in two or more USF Communication Sciences and Disorders courses will be required to either change concentrations within CSD or pursue major reselection. If a student changes concentrations within the CSD major, pursuant to receiving two or more "D+" or lower grades, and earns and additional "D+" or lower grade in any major course, the student will be required to pursue major reselection. In other words, any student with three "D+" or lower grades in USF Communication Sciences and Disorders courses will be required to pursue major reselection. Note: Students may use grade forgiveness to improve GPA, but all "D+" or lower grades will count towards the maximum allowed total "D+" or lower grades in the major whether grade forgiven or not.

FOREIGN LANGUAGE REQUIREMENT
In addition to the foreign language entrance requirement, all students applying for a Bachelor of Arts degree from USF must demonstrate competency in a foreign language. To demonstrate this competency, students may take either two semesters of a beginning college-level foreign language or one semester of a higher-level course and earn a letter grade of "C" (no "S" grades) or above in the appropriate level course or demonstrate equivalent competency by passing an examination. Students may fulfill this requirement by demonstrating fluency in a language other than English and proficiency in English, as demonstrated in successful coursework or examination in English.
RESEARCH OPPORTUNITIES

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

OPTIONAL HONORS PROGRAM

The department is not currently accepting applications for the Honors Program.

The purpose of the Communication Sciences and Disorders (CSD) Senior Honors Program is to provide outstanding undergraduates with exposure to the variety of research in communication sciences and disorders and more direct contact with faculty mentors in the department. The Senior Honors Program will provide students with an introduction to aspects of the field beyond the traditional undergraduate curriculum. Students apply for the honors program during the spring of their junior year and complete the honors course and thesis during their senior year.

Participation in the departmental honors program is limited and competitive. Minimum requirements for admission:

a) Completion of 18 credit hours within the Communication Sciences and Disorders curriculum with at least a 3.50 GPA in these courses.

b) Completion of at least 60 hours of college and/or university coursework with at least a 3.25 GPA

Requirements to graduate from the CSD Senior Honors Program:

a) Completion of three (3) credits of Honors Colloquia (SPA 4901 Research, Clinical and Professional Issues in CSD) in the fall with a grade of B or better. This course can be used as an elective course in the major.

b) Satisfactory completion of three (3) credits of Honors Thesis (SPA 4970) in the spring. The thesis project may involve conducting or assisting with research or a clinical project, developing teaching or clinical materials, or any other specialized activity involving a faculty mentor. The honors thesis is additional work above and beyond the usual work completed for the undergraduate degree in LSH. However, credits for the Honors Thesis course do count toward the overall credit requirement of 120 for an undergraduate degree.

COMMUNICATION SCIENCES AND DISORDERS FACULTY


DEAF STUDIES (DST) CONCENTRATION

(CIP = 51.0204)

http://www.usf.edu/cbcs/csd/undergrad/dst.aspx

The Deaf Studies (DST) concentration seeks to educate students to communicate and interact with people who are deaf and to apply this knowledge within work settings where knowledge of deafness and deaf culture is essential. The DST concentration is intended to prepare students to work in a number of settings (e.g., social services, vocational rehabilitation, education, etc.) with a variety of deaf and hard of hearing individuals utilizing diverse communication methods, both manual and oral. Coursework is designed to provide students with an opportunity to learn the language, education, history, and culture of deaf individuals in the United States as well as issues that impact the provision of services to this population. Includes all the required coursework of the American Sign Language special endorsement of the Florida Department of Education, which will allow students to become certified to teach American Sign Language within the Florida public school system.
STATE MANDATED COMMON COURSE PREREQUISITES

Students entering the university with fewer than 60 semester hours of acceptable credit must meet the University’s entering freshman requirements including ACT and SAT test scores, GPA, and course requirements. Students intending to transfer to USF should complete an A.A. degree at the community college. Some courses required for the major may also meet the USF General Education Requirements. Transfer students must comply with the immunization, foreign language, and continuous enrollment policies of the University.

There are no State Mandated Common Prerequisites for the Deaf Studies concentration.

REQUIREMENTS FOR THE CONCENTRATION IN DEAF STUDIES

TOTAL CONCENTRATION HOURS: 42

CONCENTRATION CORE (42 HOURS)

DST Concentration Prerequisite courses (minimum grade of B- in each course) (8 hours)

- ASL 2140C Basic American Sign Language
- ASL 2150C Intermediate Sign Language

Minimum grade of C- and overall 2.0 GPA in core) (42 hours)

- ASL 3514 Deaf Culture
- ASL 4161C Advanced American Sign Language
- ASL 4201C American Sign Language 4
- ASL 4202 American Sign Language 5
- ASL 4301C Structure of Sign Language
- ASL 3324 Advanced ASL Discourse
- ASL 4515 Leadership, Advocacy, and Issues in Deaf Studies
- ASL 4602 Methods of Teaching ASL
- ASL 4700 ASL Literature
- INT 4942 Internship in Deaf Studies
- LIN 4721 Second Language Acquisition
- SPA 3002 Introduction to Communication Sciences and Disorders
- SPA 3470 Culture and Diversity in CSD
- SPA 4632 Nature and Needs of Deaf and Hard of Hearing

ADVISING INFORMATION

For questions related to advising please contact our advisor at csdtddst@usf.edu.

INTERPRETER TRAINING (ITT) CONCENTRATION

(CIP = 51.0204)

http://www.usf.edu/cbcs/csd/undergrad/itt.aspx

The ITT concentration seeks to educate students to become American Sign Language interpreters. The ITT program includes instruction in both the theory and practice of sign language interpretation. A program of 49 credit hours is planned for the student majoring in the Interpreter Training concentration.

Students entering the ITT concentration must demonstrate proficiency in ASL at an advanced level prior to beginning the first semester of core courses in the major. Proficiency is demonstrated through successful completion of the ASL prerequisites courses listed below (or equivalent transfer courses) with a minimum grade of B- or higher in each course. All incoming students will be will be classified as pre-CSD until they have completed the state mandated prerequisites for their desired concentration with a B- or better. All students must register to become a CSD major the semester prior to being qualified (i.e., the semester in which they are finishing their last state mandated prerequisite courses). Note: DST does not have any mandated prerequisites, so those students will be converted to CSD majors upon entry.
STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of B- is the minimum acceptable grade in prerequisite courses.

- ASL X140 Basic American Sign Language
- ASL X150 Intermediate American Sign Language
- ASL X160 American Sign Language III or ASL X161 Advanced American Sign Language
- ASL X200 American Sign Language IV or ASL X201 American Sign Language IV
- ASL X300 Structure of American Sign Language or ASL X301 Structure of Sign Language

REQUIREMENTS FOR THE CONCENTRATION IN INTERPRETER TRAINING

TOTAL CONCENTRATION HOURS: 49

CONCENTRATION CORE (49 HOURS)

ITT Prerequisites (minimum grade B- in each course) (17 credit hours):

- ASL 2140C Basic American Sign Language
- ASL 2150C Intermediate American Sign Language
- ASL 4161C Advanced American Sign Language
- ASL 4201C American Sign Language 4
- ASL 4301C Structure of Sign Language

Core Courses (49 credit hours) (minimum grade C- and overall 2.0 GPA in Core):

- ASL 3324 Advanced ASL Discourse
- ASL 3514 Deaf Culture
- INT 3004 Fundamentals of Interpreting
- INT 3111 Language and Cognitive Skills in ASL
- INT 3112 Translation from English and from ASL
- INT 3205 Interpreting I
- INT 3270 Interpreting Process and Skill Development
- INT 3481 Specialized Terminology
- INT 4190 Senior Seminar in Interpreter Training
- INT 4206 Interpreting II
- INT 4208 Interpreting III
- INT 4211 Transliterating
- INT 4235 Advanced Receptive Voicing
- INT 4947 Interpreting Practicum II
- SPA 3002 Introduction to Communication Sciences and Disorders
- SPA 3470 Culture and Diversity in CSD
- SPA 4962 Undergraduate Comprehensive Exam
Concentration Electives

Graduation within the ITT major also requires successful completion of a comprehensive practical exit examination (SPA 4962) and successful completion of the Registry of Interpreters for the Deaf (RID) written NIC examination.

OTHER REQUIREMENTS

Students entering the ITT concentration must demonstrate proficiency in ASL at the intermediate level prior to beginning the first semester of core courses in the major. Proficiency is demonstrated through successful completion of the ASL prerequisite courses listed below (or equivalent transfer courses) with a minimum grade of B- or higher in each course.

OTHER INFORMATION

All incoming students will be classified as pre-CSD until they have completed the state mandated prerequisites for their desired concentration with a B- or better. All students must register to become a CSD major the semester prior to being qualified (i.e., the semester in which they are finishing their last state mandated prerequisite courses). Note: DST does not have any mandated prerequisites, so those students will be converted to CSD majors upon entry.

ADVISING INFORMATION

For questions related to advising please contact our advisor at csddtdst@usf.edu.

LANGUAGE-SPEECH-HEARING (LSH) CONCENTRATION

(CIP = 51.0204)

http://www.usf.edu/cbcs/csd/undergrad/lsh.aspx

All incoming students in LSH will be classified as pre-LSH until they have completed the state mandated prerequisites with a C- or better. All students must register to become a CSD-LSH major the semester prior to being qualified (i.e., the semester in which they are finishing their last state mandated prerequisite courses).

STATE MANDATED COMMON COURSE PREREQUISITES

Students entering the university with fewer than 60 semester hours of acceptable credit must meet the University's entering freshman requirements including ACT and SAT test scores, GPA, and course requirements. Students intending to transfer to USF should complete an A.A. degree at the community college. Some courses required for the major may also meet the USF General Education Requirements. Transfer students must comply with the immunization, foreign language, and continuous enrollment policies of the University.

The State of Florida has identified common course prerequisites for the concentration in Language-Speech-Hearing. All state mandated prerequisite courses must be completed with a grade of C- or better prior to the first semester in which courses are taken in the major. (Note that national certification in Speech-Language Pathology or Audiology through the Council of Academic Accreditation of the American-Speech-Language-Hearing Association requires that sufficient competency be demonstrated in coursework in the Social/Behavioral, Biological and Physical Sciences, and Mathematics.) If the courses are not transferred in, the course(s) may be taken at USF but may delay taking major coursework in prescribed sequence.

Students must complete one course (3 credit hours) from each of the following areas:

- STA XXXX Statistics
- BSC XXXX or APK XXXX or ANT X511 Biological Science
- PHY XXXX or CHM XXXX or PSC XXXX Physical Science
- PSY XXXX or EXP XXXX or CLP XXXX or DEP XXXX or SYG XXXX or SYD XXXX or SYO XXXX or SYP XXXX or FYC XXXX or FAD XXXX Social/Behavioral Sciences
REQUIREMENTS FOR THE CONCENTRATION IN LANGUAGE-SPEECH-HEARING

TOTAL CONCENTRATION HOURS: 48

CONCENTRATION CORE (48 HOURS)

Coursework is sequenced for the Language-Speech-Hearing (LSH) concentration in Communication Sciences & Disorders. All students must complete study in basic knowledge of the communication sciences and in basic knowledge of communication disorders. Upon admission to the concentration, each student will be assigned an advisor to provide guidance in academic planning.

- **ASL 3514** Deaf Culture
- **SPA 3002** Introduction to Communication Sciences and Disorders
- **SPA 3004** Introduction to Language Development and Disorders
- **SPA 3011** Introduction to Speech Science
- **SPA 3030** Introduction to Hearing Science
- **SPA 3101** Anatomy and Physiology of the Speech and Hearing Mechanism
- **SPA 3112** Applied Phonetics in Communication Disorders
- **SPA 3261** Language Science for Comm. Sciences & Disorders
- **SPA 3310** Introduction to Disorders of Hearing
- **SPA 3470** Culture and Diversity in CSD
- **SPA 4050** Introduction to the Clinical Process
- **SPA 4104** Neuroanatomy for Speech, Language and Hearing
- **SPA 4250** Introduction to Speech Disorders
- **SPA 4257** Adult Communication Disorders
- **SPA 4321** Introduction to Audiologic Rehabilitation
- **SPA 4901** Research Methods in Communication Sciences and Disorders

FOREIGN LANGUAGE REQUIREMENT

Two semesters of college-level, foreign language course (in the same language) is required to meet the degree requirements. Two semesters of American Sign Language are accepted to meet this requirement, but a student may take any foreign language to meet the requirement.

OTHER INFORMATION

Effective July 1989, the academic requirements for employment in the public school system for Speech-Language Pathologists is a Master's degree.

Students in the LSH concentration are encouraged to join the USF chapter of the National Student Speech-Language-Hearing Association. This group is affiliated with the American Speech-Language-Hearing Association (ASHA) and has many membership benefits.

ADVISING INFORMATION

For questions related to advising please contact our advisor at bcs-csdishadvising@usf.edu.
The major in Criminology provides students with in-depth exposure to all facets of the criminal justice system including law enforcement, detention, the judiciary, corrections, juvenile justice and probation and parole. The program concentrates on achieving balance in the above aspects of the system from the perspective of the criminal justice professional, the offender, the victim, and society. The program provides a solid background in the theory, issues and methodology comprising Criminology. The objective of the undergraduate program in Criminology is to develop a sound educational basis either for graduate work or for professional training in one or more of the specialized areas comprising the modern urban criminal justice system.

STATE MANDATED COMMON COURSE PREREQUISITES

Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the University's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for this program. All Florida College System students are encouraged to complete the Associate degree. Students should consult with an academic advisor in their major degree area at the intended transfer institution.

REQUIREMENTS FOR THE MAJOR IN CRIMINOLOGY

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (12 HOURS)

- CCJ 3024 Survey of the Criminal Justice System
- CCJ 3117 Theories of Criminal Behavior
  - Note: A grade of C (not C-) or higher is required in CCJ 3117 to enroll in CCJ 3701.
- CCJ 3701 Research Methods in Criminal Justice I
  - Note: A grade of C (not C-) or higher is required in CCJ 3701 to enroll in CCJ 4934.
- CCJ 4934 Seminar in Criminology

Students must complete CCJ 3117 with a grade of C or better (not C-) prior to enrollment in CCJ 3701. Students must complete CCJ 3701 with a grade of C or better (not C-) prior to enrollment in CCJ 4934.

NOTE: No more than six (6) hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major. A student may take an unlimited number of CCJ 4933 courses as long as the courses vary in title.

MAJOR ELECTIVES (24 HOURS)

Students should select 24 credit hours from the following list of courses:

- CCJ 3014 Crime and Justice in America
- CCJ 3621 Patterns of Criminal Behavior
- CCJ 3666 Victimology
- CCJ 4224 Miscarriages of Justice
- CCJ 4361 Death Penalty
- CCJ 4613 Forensic Psychology
- CCJ 4662 Race and Crime
• CCJ 4681 Domestic Violence
• CCJ 4690 Sex Offenders
• CCJ 4933 Selected Topics in Criminology
• CCJ 4940 Internship (See advisor)
• CJC 4010 American Correctional System
• CJE 4010 Juvenile Justice System
• CJE 4114 American Law Enforcement Systems
• CJE 4610 Criminal Investigation
• CJC 4010 American Correctional System
• CJE 4010 Juvenile Justice System
• CJE 4114 American Law Enforcement Systems
• CJE 4610 Criminal Investigation
• CJE 4115 Environmental Law & Crime
• CJE 4410 Criminal Rights and Procedures

GPA REQUIREMENTS
2.00 or higher Major GPA

GRADING REQUIREMENT

"D" Rule
Criminology majors are limited to one grade of "D+" or lower in their major coursework. Any student who receives a grade of "D+" or lower in more than one USF Criminology major course will either need to utilize grade forgiveness in order to comply with the rule or seek major reselection. Future registration in Criminology major courses will be restricted for students who are not in compliance with the "D" rule. If a student has exhausted all available grade forgiveness opportunities and remains in non-compliance with the "D" rule, the student will be required to seek major reselection.

RESIDENCY REQUIREMENT
Residency Requirement: A minimum of 30 credit hours of major course work must be taken in residence at the University of South Florida. Therefore, no more than 6 credit hours of transfer work (two courses) will be accepted to meet major requirements.

FOREIGN LANGUAGE REQUIREMENT
In addition to the foreign language entrance requirement, all students applying for a Bachelor of Arts degree from USF must demonstrate competency in a foreign language. To demonstrate this competency, students may take either two semesters of a beginning college-level foreign language or one semester of a higher-level course and earn a letter grade of "C" (no "S" grades) or above in the appropriate level course or demonstrate equivalent competency by passing an examination. Students may fulfill this requirement by demonstrating fluency in a language other than English and proficiency in English, as demonstrated in successful coursework or examination in English.

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

The department provides all students with the opportunity to engage in an internship with a federal, state or local criminal justice related agency within one of the surrounding counties. Internships available with more than 100 agencies afford students the opportunity to network and gain practical experience in conjunction with their degree. Internships may be taken for up to nine (9) credit hours of Criminology electives, and grades are awarded on a S/U (satisfactory/unsatisfactory) basis. To meet eligibility requirements for the internship, students must successfully complete CCJ 3024, CCJ 3117, six (6) hours of Criminology electives, and have a USF and a major GPA of 2.0 or higher.

ADVISING INFORMATION

Criminology Academic Advising: ccjadvise@usf.edu.

CRIMINOLOGY FACULTY


B.S. - LONG TERM CARE ADMINISTRATION (LTC)

(CIP = 51.0701)
TOTAL DEGREE HOURS: 120

http://www.usf.edu/cbcs/aging-studies/academics/bs/bs.aspx

The Bachelor of Science Degree in Long Term Care Administration provides students with a basic education in gerontology and allows graduates of the program to sit for the licensure examination to become Nursing Home Administrators. It is especially appropriate for students who intend to begin working immediately following completion of the degree program.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- ACG X021 Principles of Financial Accounting or ACG X024 or (ACG X001 and ACG X011)
- ACG X071 Principles of Managerial Accounting or ACG X301
- ECO X023 Economic Principles (Microeconomics)
- CGS X100 Computers in Business or CGS X061 or ISM X000
- STA X023 Introductory Statistics
REQUIREMENTS FOR THE MAJOR IN LONG TERM CARE ADMINISTRATION

TOTAL MAJOR HOURS: 39

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (39 HOURS)

It is strongly recommended that students complete GEY 2000 and MAN 3025 prior to registering for core major courses.

- GEY 3601 Physical Changes and Aging
- GEY 4475 Program Evaluation in an Aging Society
- GEY 4507 Understanding Policies and Practices of Long Term Care
- GEY 4508 Health Care Operations
- GEY 4509 Regulatory and Clinical Operations
- GEY 4520 Legal Aspects of Health Care Administration
- GEY 4508 Alzheimer's Disease Management
- GEY 4641 Death and Dying
- GEY 4945 Internship
- ISM 3011 Information Systems in Organizations
- MAN 3301 Human Resource Management

MAJOR ELECTIVES

The following electives are not required for the major but are strongly recommended:

- BUL 3320 Law and Business I
- GEY 3503 Administration of Assisted Living Facility
- GEY 3625 Sociological Aspects of Aging
- GEY 4360 Counseling for Older Adults
- GEY 4628 Health, Ethnicity and Aging
- MAN 3240 Organizational Behavior Analysis
- MAR 3023 Basic Marketing

Students in the B.S. program will only be allowed to register for the full-time internship (GEY 4945) after successful completion of all (or all but one) of the required courses in the B.S. major. Because the B.S. internship requires full-time effort, students will be allowed to take no more than three (3) credits concurrent with the B.S. internship. NOTE: a Level 2 background check is required for most Internships, possibly at the student's expense.

Students interested in either Aging Sciences or Long Term Care Administration majors should contact the School of Aging Studies http://www.usf.edu/cbcs/aging-studies/advising/index.aspx as early as possible in their careers at the University of South Florida.

GRADING REQUIREMENT

A grade of lower than "C-" in Aging Sciences and Business courses will not be counted toward fulfilling the requirements for the major.

OTHER REQUIREMENTS

Strongly Recommended Courses:

- GEY 2000 Introduction to Aging Sciences
- MAN 3025 Principles of Management
RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

A full-time (650 hours) internship is required for students completing the Bachelor of Science Degree in Long Term Care Administration. The internship, scheduled during the last semester of the program after successful completion of all major prerequisites and all but one of the required courses, is intended to prepare students for entry-level positions in nursing home administration. Students should expect to meet with the advisor the semester prior to the internship in preparation of their field experience.

ADVISING INFORMATION

Students are strongly encouraged to meet each semester with the departmental advisor to plan courses and field work that will prepare the student for career goals.

Undergraduate Advisor: Jessica Wall; jwall5@usf.edu

LONG TERM CARE ADMINISTRATION FACULTY


B.S.W. - SOCIAL WORK (SOK)

(CIP = 44.0701)
TOTAL DEGREE HOURS: 120

http://www.usf.edu/cbcs/social-work/programs/bsw-program/index.aspx

Certified Global Pathways Program

The University of South Florida offers a program of study leading to a Bachelor of Social Work (B.S.W.) degree in the School of Social Work, College of Behavioral & Community Sciences. The B.S.W. has been developed in accordance with the guidelines of the Council on Social Work Education, the national accrediting body for social work education programs, and in accordance with the recommendations of the National Association of Social Workers. The B.S.W. program is fully accredited by the Council on Social Work Education and is a limited access program. The primary objective of the B.S.W. program is the preparation of the graduate for beginning level professional practice as a social work generalist. The secondary objectives of the B.S.W. program are to:

1. Provide for the social work human resources needs of the university service district (the central Florida west coast area), the State of Florida, and the Southeast Region;
2. Prepare graduates for additional professional training at the graduate level in social work or in related human service professions;
3. Provide an exposure to social work as a profession and to contemporary issues in the social welfare field.
In preparing the B.S.W. graduate for beginning professional practice, the curriculum provides students with an opportunity to develop a knowledge base and skill base as a "generalist" practitioner. Students will develop an understanding of various methods of intervention and skills in their application to a variety of client systems. For example, intervention methods may take the form of individual and group counseling, resource development, consultation, teaching, advocacy, etc. Client systems may be individuals, families, groups, organizations, or communities. The student will develop an understanding of the dynamics of human behavior in individual, group and organizational contexts and the influences of the socio-cultural environment upon those behaviors. The student will learn about the development of social welfare systems and institutions and the social, economic, and political processes affecting policy development and program implementation. The student will develop an understanding of the utilization of basic social research skills particularly related to the processes of problem-solving, planning, and evaluation. The student will also become aware of the value base of the profession and engage in a self-examination process as it relates to the development and reflection of ethical and effective professional practice. The B.S.W. program places great emphasis on the development of a professionally responsible graduate in terms of one's obligations to the client system served, the profession itself, the organization in which one works, and to the general public which ultimately provides any profession with legitimacy.

This program has been certified as a Global Pathway. Global Pathway programs have significant global content and align with the goals of USF’s Quality Enhancement Plan, the Global Citizens Project. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.

LIMITED ACCESS

THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

The Social Work Program is a limited access program that requires a separate application to the School of Social Work. Students are admitted to the undergraduate program only in the Fall and Spring terms.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- One course in each of the following cognate areas:
  - POS X041 or PUP X099 American Government
  - BSC X005 or BSC X085 or BSC X010 or PCB X099 Human Biology
  - ECO X000 or ECO X023 or ECO X013 Economics
  - PSY X012 Psychology
  - SYG X000 or SYG X010 Sociology

(Incoming transfer students may refer to "State Mandated Common Prerequisites for Students Transferring from a Florida College System Institution" section for clarification of acceptable transfer courses.)
REQUIREMENTS FOR THE MAJOR IN SOCIAL WORK

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 3 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- **SOW 3203** Introduction to Social Work

TOTAL MAJOR HOURS: 41

MAJOR REQUIREMENTS FOR THE B.S.W. DEGREE:

MAJOR CORE (41 HOURS)

A major in Social Work requires 41 credits in a lock-step (pre-set) schedule.

Students must take the following courses during their first semester admitted in the program (15 credit hours):

- **SOW 3101** Human Behavior and the Social Environment I
- **SOW 4341** Multi-Methods of Social Work Practice I: Micro-System Intervention
- **SOW 3401** Research and Statistics for Social Work
- **SOW 4522** Multicultural America in a Global Society
- **SOW 3210** The American Social Welfare System

Once the above courses have been successfully completed, students must take the following courses during their 2nd semester in the program (14 credit hours):

- **SOW 3102** Human Behavior and the Social Environment II
- **SOW 4343** Multi-Methods of Social Work Practice II: Macro-System Intervention
- **SOW 4414** Social Work Data Management
- **SOW 4315** Social Work Case Management with Special Populations
- **SOW 4233** Social Welfare: Policy and Program

Once all above courses have successfully been completed, students must take the following courses (12 credit hours):

- **SOW 4602** Social Work Practice in Mental Health and Health Care
- **SOW 4510** Integrative Seminar

One course in each of the following cognate areas:

- American Government: **POS 2041** American National Government
- Human Biology: **BSC 1005** Biology for Life or **BSC 1020** Human Biology or **BSC 2085** Anatomy & Physiology
- Economics: **ECO 1000** Basic Economics or **ECO 2013** Macroeconomics or **ECO 2023** Microeconomics
- Psychology: **PSY 2012** Introduction to Psychological Science
- Sociology: **SYG 2000** Introductory Sociology or **SYG 2010** Contemporary Social Problems

Complete a formal application to the BSW program during the semester of finishing all requirements for eligibility into the major, including the foundation class, **SOW 3203** Introduction to Social Work. The School of Social Work admits all eligible, qualified applicants.

There is a maximum of 2 semester application reviews for admission to the BSW program.

**SOW 3203** Introduction to Social Work is the only social work foundation course required for eligibility into the major. It is open to all students.

GPA REQUIREMENTS

Admission to the University and a minimum USF/Overall GPA of 2.75.
Students must also maintain a minimum GPA of 2.75 in core courses in the major while enrolled in the program and demonstrate behaviors that are congruent with professional standards and values as described previously in order to remain in the major.

**COURSE GRADE REQUIREMENT**

SOW 3203 Introduction to Social Work requires a minimum grade of "B" for eligibility into the major (a grade of "B-" is not acceptable). This course may be attempted a maximum of two times for eligibility into the major.

**GRADING REQUIREMENT**

Completion of 15 semester hours of common course prerequisites with a minimum grade of "C" or better (2.0) in each course.

Students must successfully complete their BSW core courses by earning a "C" or better. A grade of "C-" is not acceptable as a passing grade.

If Introduction to Social Work is completed at another institution, the student must have earned a grade of "B" or better in that course. If the student does not meet this minimum grade, the course may be repeated one time at USF for eligibility. A syllabi must be provided by the student and reviewed in the School of Social Work prior to approval of any transfer of social work courses.

**FOREIGN LANGUAGE REQUIREMENT**

Students must meet the University’s FLENT (Foreign Language Entrance Requirement), which requires successful completion of two years of the same foreign language in high school. If foreign language is not completed in high school, successful completion of two semesters of the same college-level foreign language is required.

**RESEARCH OPPORTUNITIES**

The diverse research interests of the faculty in the School of Social Work provide a wide array of opportunities for students to interface with evidence-based research studies. Current research interests include treatment of childhood trauma; quality of care outcomes for vulnerable populations with particular emphasis on older adults with co-occurring mental and physical health disorders; health effects of intimate partner violence; implications of health care practices and interventions involving Latinos; reduction of health and mental health disparities for Haitians; and the development of psycho-social resources in community and long-term care settings.

**INTERNSHIP OPPORTUNITIES**

Hands-on, practical experience is integrated in the core curriculum through the 460 hours of field placement that students complete during their final semester in the program. The School of Social Work has partnerships for the field experiences with an abundance of agencies in the surrounding communities. Students have many choices for the populations and environments in which they would like to develop their skills and prepare for professional employment. Internship (field placement) areas include child welfare, substance abuse, medical social work, mental health, children and adolescent services, forensic mental health, domestic violence, veteran’s services, court/justice system, crisis center, elder care, hospice and homelessness.

**ACCREDITATION INFORMATION**

The School of Social Work programs are accredited by the [Council on Social Work Education (CSWE)](https://www.cswe.org).
ADVISING INFORMATION

Advising is available in office, by phone and email. We welcome students to contact our advisor to learn more about the social work profession and the BSW degree.

Amy Weisz, MSW, LCSW; 813-974-7292; aweisz@usf.edu; MHC 1405.

SOCIAL WORK FACULTY

Director: R. van Zyl; Director of Field Program: T. Simpson; MSW Program Chair: C. Simmons; MSW Program Chair for USF Sarasota-Manatee cohort: I. Carrion; Ph.D. Chair: S. Fogel; Professor: R. van Zyl, A. Salloum; Online MSW Program Chair: D. Brown; Online MSW Program Field Coordinator: M. Thompson; Associate Professors: I. Carrion, S. Fogel, G. Rahill, N. Sook Park, M. Joshi; Assistant Professors: M. Lawental, J. Galea; Instructor II: L. Rogovin; Instructor I: C. Groeber, K. Littlewood, C. Simmons, M. Thompson, T. Simpson, D. Brown; Visiting Faculty: M. Mitchell, P. Williams; Professor Emeritus: M. Becker, W. Rowe, A. Strozier.

MINOR IN AGING SCIENCES (AGE)

TOTAL MINOR HOURS: 15

http://www.usf.edu/cbcs/aging-studies/academics/bs/minor.aspx

An undergraduate minor is available for students interested in pursuing careers in aging in conjunction with any undergraduate major, but it should be particularly beneficial to students majoring in such disciplines as anthropology, business, communication sciences and disorders, government and international affairs, nursing, psychology, public health, health care, social work, and sociology.

REQUIREMENTS FOR THE MINOR IN AGING SCIENCES

MINOR CORE (9 HOURS)

- GEY 2000 Introduction to Aging Sciences

Choose 2 of the following 3 courses:

- GEY 3601 Physical Changes and Aging
- GEY 4612 Psychology of Aging
- GEY 4628 Health, Ethnicity, and Aging

MINOR ELECTIVES (6 HOURS)

Six (6) additional credit hours of GEY coursework, including DEP 2004.

Courses may not be taken on a S/U basis.

GPA REQUIREMENTS

A minimum overall 2.0 GPA in minor coursework.

GRADING REQUIREMENT

A grade of lower than "C-" in Aging Sciences courses will not be counted toward fulfilling the requirements for the minor.

ADVISING INFORMATION

Application for the minor is required. Contact the Undergraduate Advisor.
MINOR IN APPLIED BEHAVIOR ANALYSIS (ABA)

TOTAL MINOR HOURS: 18

https://www.usf.edu/cbcs/cfs/academics/aba/aba-minor/index.aspx

The Applied Behavior Analysis (ABA) minor is for students seeking knowledge and skills in the field and is especially valuable for those seeking to become a Board Certified Assistant Behavior Analyst (BCaBA)® or those seeking to prepare for a graduate program in ABA. The ABA minor is open to all students.

REQUIREMENTS FOR THE MINOR IN APPLIED BEHAVIOR ANALYSIS

MINOR CORE (18 HOURS)

- MHS 3204 Fundamentals of Applied Behavior Analysis or CLP 4414 Behavior Modification
  - Students who take CLP 4414 may not be eligible to take the national certification exam. Contact the ABA minor coordinator with questions.
- MHS 4202 Behavioral Assessment and Intervention Planning (prerequisite MHS 3204 or CLP 4414)
- MHS 4206 Applied Behavior Analysis in Autism and Developmental Disabilities (prerequisite MHS 4202)
- MHS 4412 Research Methods and Ethical Issues in Behavior Analysis (prerequisite MHS 4202)
- MHS 4943 Practicum Seminar in Applied Behavior (co-requisite MHS 4202)
- MHS 4XXX Ethics, Supervision, and Management in ABA (prerequisite MHS 4202)

GPA REQUIREMENTS

A grade of B- or higher is required in every course in the minor. If a student gets a grade lower than a B- in a course, the student must retake that course to stay in the minor.

RESIDENCY REQUIREMENT

At least twelve (12) credit hours must be taken in residence at USF.

ADVISING INFORMATION

Students may contact department for general questions at 813-974-3096 or aneal@usf.edu.

MINOR IN BEHAVIORAL HEALTHCARE (BHC)

TOTAL MINOR HOURS: 15

http://www.usf.edu/cbcs/mhlp/students/behavioral-healthcare-minor.aspx

The minor in Behavioral Healthcare is available to students interested in pursuing a career in the field of behavioral health in conjunction with any undergraduate major. It should be particularly beneficial to persons majoring in disciplines such as psychology, social work, sociology, anthropology, gerontology, long term care administration, pre-med, criminology, and nursing.

REQUIREMENTS FOR THE MINOR IN BEHAVIORAL HEALTHCARE

MINOR CORE (15 HOURS)

- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4002 Behavioral Health Systems Delivery
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4723 Professional Seminar in Behavioral Healthcare
- MHS 4425 Field Experience in Behavioral Healthcare*
*A student completing a field placement in Psychology, Social Work, or other human services discipline may request an exemption (from the advisor) from MHS 4425 and may substitute an approved elective. Students must apply to take MHS 4425 Field Experience in Behavioral Healthcare two semesters before taking the course. This course has three prerequisites: MHS 3411 with a B- or higher, MHS 4002, and MHS 4408. The application, application deadlines, and additional information about the course can be found on the Field Experience webpage: http://www.usf.edu/cbcs/mhlp/students/field-experience.aspx.

GPA REQUIREMENTS

A GPA of 2.00, or better in this minor is required for completion.

RESIDENCY REQUIREMENT

At least nine (9) credit hours must be taken in residence at USF.

ADVISING INFORMATION

For questions about the BHC minor, email bhc_advise@usf.edu.

MINOR IN CRIMINOLOGY (CCJ)

TOTAL MINOR HOURS: 18

http://www.usf.edu/cbcs/criminology/undergraduate/minor.aspx

The objective of the undergraduate minor in Criminology is to develop an educational basis either for graduate work or for professional training in the modern urban criminal justice system.

REQUIREMENTS FOR THE MINOR IN CRIMINOLOGY

MINOR CORE (6 HOURS)

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

MINOR ELECTIVES (12 HOURS)

12 semester hours of electives within Criminology.

GPA REQUIREMENTS

A minimum GPA of 2.0 or higher in minor coursework.

GRADING REQUIREMENT

Students minoring in Criminology are also subject to the Department's "D" Rule.

RESIDENCY REQUIREMENT

A minimum of 9 semester credit hours of minor coursework must be completed at the University of South Florida.

OTHER REQUIREMENTS

Students who are minoring in Criminology will not be permitted to register for CCJ 4934 Senior Seminar capstone requirement as it is designated for Criminology majors only.

ADVISING INFORMATION

Criminology Academic Advising: at ccjadvise@usf.edu.
MINOR IN DEAF STUDIES (DFT)

TOTAL MINOR HOURS: 17

http://www.usf.edu/cbcs/csd/documents/dst-minor-fall2017.pdf The 17-credit hour minor is open to all students who are currently not majoring in Communication Sciences and Disorders.

REQUIREMENTS FOR THE MINOR IN DEAF STUDIES

MINOR CORE (17 HOURS)

- ASL 2140C Basic American Sign Language
- ASL 2150C Intermediate American Sign Language
- ASL 3514 Deaf Culture
- SPA 3002 Introduction to Communication Sciences and Disorders
- SPA 3470 Culture and Diversity in CSD

GPA REQUIREMENTS

A cumulative GPA of 2.00 or better must be achieved in minor coursework in order for a student to be certified for graduation with a minor in Deaf Studies.

GRADING REQUIREMENT

A minimum grade of C- is required for each course.

RESIDENCY REQUIREMENT

Students seeking a minor in Deaf Studies must complete a minimum of three (3) courses within the minor with the Department of Communication Sciences and Disorders at USF.

OTHER REQUIREMENTS

Seat availability in ASL courses is limited and is first-come/first-serve, with priority consideration given to ITT and DST majors needing ASL coursework to meet a major requirement to graduate. Declaring the minor does not guarantee seat availability; therefore, students should attempt to register as soon as possible each semester.

ADVISING INFORMATION

For questions about the minor, email csdadvising@bcs.usf.edu.

MINOR IN FORENSIC BEHAVIORAL HEALTH (FBH)

TOTAL MINOR HOURS: 15

The minor in Forensic Behavioral Health is available to students interested in pursuing the interaction of mental health and substance use disorders with the criminal justice system. It should be particularly beneficial for students in disciplines such as criminology, psychology, social work, sociology, anthropology, public health, and pre-law.

REQUIREMENTS FOR THE MINOR IN FORENSIC BEHAVIORAL HEALTH

Prior to enrolling in courses for the minor, students should complete at least one introductory course (3 credit hours) in Behavioral or Social Sciences. Students should consult with the Behavioral Healthcare academic advisor to determine applicable courses.

MINOR CORE (12 HOURS)

- CCJ 4613 Forensic Psychology
- MHS 4022 Adult Psychopathology in the Community
- MHS 4452 Co-Occurring Disorders
COLLEGE OF BEHAVIORAL & COMMUNITY SCIENCES

UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

- **MHS 4455** Drug Abuse Prevention and Treatment

**MINOR ELECTIVES (3 HOURS)**

Students must choose one of the following courses:

- **MHS 4023** Recovery Oriented Mental Health Services
- **MHS 4453** Applied Psychopharmacology in Drug Abuse and Dependence
- **MHS 4454** Alcohol, Drugs, and Crime
- **MHS 4703** Legal, Ethical, & Professional Issues in Behavioral Healthcare

**GPA REQUIREMENTS**

A minimum overall 2.0 GPA in minor coursework is required for completion of the minor.

**RESIDENCY REQUIREMENT**

At least nine (9) credit hours must be taken in residence at USF.

**ADVISING INFORMATION**

For questions about the minor, please contact: bhc_advise@usf.edu.

**CERTIFICATE IN ADDICTIONS AND SUBSTANCE ABUSE PROFESSION**

**TOTAL CERTIFICATE HOURS: 15**

http://www.usf.edu/cbcs/undergraduate/certificates.aspx

The Addictions and Substance Abuse Certificate is designed for students interested in pursuing a career working in the addiction and substance abuse field. Completion of the certificate program meets partial requirement for state certification as an addiction professional (CAP). According to the Florida Certification Board, the CAP designation is a professional substance abuse credential for people who assess, develop and provide substance abuse treatment services and plans. Individuals holding the CAP are recognized/hold the practice rights of "qualified professionals" per Chapter 397, F.S. and is recognized by Florida's State Medicaid Plan. Therefore, this credential will allow students to practice in substance abuse field. This certificateacet program is beneficial to persons in sociology, social work, psychology, criminology, pre-med, nursing, and any closely related human service field.

**REQUIREMENTS FOR THE CERTIFICATE IN ADDICTIONS AND SUBSTANCE ABUSE PROFESSION**

**CERTIFICATE CORE (15 HOURS)**

- **RCS 4504** Therapeutic Communication Skills for Addiction Counseling
- **RCS 4452** Assessment, Diagnosis, and Treatment of Addictions
- **RCS 4453** Overview of Addictive Disorders or **MHS 4453** Applied Psychopharmacology in Drug Abuse and Dependency
- **RCS 4503** Addictions Treatment and Special Populations or **MHS 4455** Drug Abuse Prevention and Treatment
- **RCS 4051** Addictions Counseling and Coordination of Services

**GPA REQUIREMENTS**

An overall USF GPA of at least 2.50 must be maintained.

**GRADING REQUIREMENT**

A grade of “B” (not B-) must be obtained in all courses applying toward the certificate.

**ADVISING INFORMATION**
Email Vicky Buckles (vbuckles@usf.edu) with questions.

CERTIFICATE IN UNDERGRADUATE RESEARCH IN BEHAVIORAL & COMMUNITY SCIENCES

TOTAL CERTIFICATE HOURS: 16

http://www.usf.edu/cbcs/undergraduate/certificates.aspx

The Undergraduate Research certificate is designed for students interested in attending graduate school or pursuing research careers. Students complete a systematic undergraduate research preparation program consisting of 16 hours of coursework, many of which will count toward their general education requirements or requirements for their major.

REQUIREMENTS FOR THE CERTIFICATE IN UNDERGRADUATE RESEARCH IN BEHAVIORAL & COMMUNITY SCIENCES

CERTIFICATE CORE (16 HOURS)

- **IDS 1505** Introduction to Research in Beh.& Com. Sciences
- **IDS 2600** Applications of Research in Community Settings
- **STA 2122** Social Science Statistics (or approved Statistics course)
- Research Methods Course (**PSY 3213; CCJ 3701; GEY 4401; SOW 3401** or equivalent)
- **MHS 4741** Applied Research Methods
- **MHS 4731** Writing for Research and Publication in Behavioral and Community Sciences
- Directed Research or Thesis

GPA REQUIREMENTS

An overall USF GPA of at least 2.50 must be maintained.

GRADING REQUIREMENT

A grade of "B" (not B-) must be obtained in all courses applying toward the certificate.

RESEARCH OPPORTUNITIES

Students who are pursuing a major or minor in the College of Behavioral and Community Sciences will have the opportunity to apply for Undergraduate Research Assistantships to work with a faculty member conducting research in an area of interest to the student. Students may also participate in the CBCS Undergraduate Research Interest Group. Contact: Lisa Landis (lrandis@usf.edu) for additional information.

ADVISING INFORMATION

Email Lisa Landis (lrandis@usf.edu) with questions.
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Muma College of Business

Contact Information

Muma College of Business
4202 E. Fowler Avenue, BSN 3403
Tampa, FL 33620
(813) 974-4281
https://www.usf.edu/business/

Physical Location: Muma College of Business (BSN) at the corners of USF Alumni Drive and USF Maple Drive.

About the College
The Muma College of Business offers courses of study leading to both undergraduate and graduate degrees. All degree programs in the Muma College of Business are fully accredited by AACSB International — The Association to Advance Collegiate Schools of Business.

The Muma College of Business offers undergraduate majors in the following areas of study: Accounting, Advertising, Business Analytics and Information Systems, Finance, Personal Finance, Global Business, Management, Marketing, and Supply Chain Management. It also offers a General Business Studies major, which is a completer major used for students who are not able to progress in their declared Business major. The Muma College of Business also offers a dual degree with the College of Arts and Sciences in Business Analytics and Information Systems and Biomedical Sciences.

The Muma College of Business is located near the corner of Maple Street and Alumni Drive on the south-central side of campus. To access information about the College online, use the following web address: https://www.usf.edu/business/.

Mission, Vision, Values

Mission
We emphasize creativity and analytics to promote student success, produce scholarship with impact, and engage with all stakeholders in a diverse global environment.

Vision Statement
Transforming minds: Transforming business. We aspire to be internationally recognized for developing business professionals who provide analytical and creative solutions in a global environment.

Accreditation
The Muma College of Business offers courses of study leading to both undergraduate and graduate degrees. All degree programs in the Muma College of Business are fully accredited by AACSB International — The Association to Advance Collegiate Schools of Business.

AACSB provides internationally recognized, specialized accreditation for business and accounting programs at the bachelor's, master's, and doctoral level. The AACSB Accreditation Standards challenge post-secondary educators to pursue excellence and continuous improvement throughout their business programs. AACSB Accreditation is known, worldwide, as the longest standing, most recognized form of specialized/professional accreditation an institution and its business programs can earn. AACSB-accredited schools have the highest quality faculty, relevant and challenging curriculum, and provide educational and career opportunities that are not found at other business schools.
Admission Requirements for Admission to the Muma College of Business:
Admission to the Muma College of Business is based upon availability of faculty and space within each discipline. The College is an upper-level, limited access college, which means that it has admission requirements in addition to those of the University in general. Students interested in pursuing a degree in the areas offered by the Muma College of Business must complete the required prerequisites for entering the College in addition to other related criteria listed below.

1. Minimum of 60 semester hours of college credit earned.
2. Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. For transfer students, please review below the “Transfer Students” admission section.
   - NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link: https://www.usf.edu/business/undergraduate/requirements-general.aspx.
3. Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:
   - *ACG X021/ACG X022 Financial Accounting (or ACG X001 & ACG X011)
   - *ACG X071 Managerial Accounting (or X301)
   - CGS X100 Computers in Business (or acceptable Substitute, i.e., CGS X100C, CGS X530, CGS X570, CGS X531, CGS X0000, MAN X812)
   - ECO X013 Principles of Macroeconomics
   - ECO X023 Principles of Microeconomics
   - MAC X233 Elementary Calculus or MAC 2230
   - STA X023 Introductory Statistics or QMB X100 or STAX122 (STA X023 and QMB X100 are preferred)
   - *Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively.

A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

Students must be admitted to the Muma College of Business at least one term before their anticipated graduation date.

For more information, see the General Requirements at the Muma College of Business website https://www.usf.edu/business/undergraduate/requirements-general.aspx.

Admission Requirements for First Time in College Students
First time in college students who meet the criteria below are granted direct entry to the Muma College of Business.

- Admitted for fall entry to USF as a degree seeking student OR
- Test scores: SAT minimum 1210, Math 570 or ACT 25, Math 25 AND
- Minimum weighted high school GPA: 3.5

First time in college students who do not meet the criteria above will be classified as pre-business and admitted after meeting the upper level admission requirements.
Early Admissions Program – The Bulls Business Network

Membership in the Bulls Business Network (BBN) is open to first time in college students who have completed a USF application and declared an intent to major in business, and meet the FTIC admission requirements (listed above). These freshmen are admitted directly to the Muma College of Business upon admission to USF (while the majority of students are fully admitted to the business college after two years of general course requirements). BBN members are eligible to live in the Bulls Business Community or the Zimmerman Advertising Program Community, residential programs described in the following section. BBN students have the opportunity to avoid mass lecture classes as smaller sections of core business classes are reserved exclusively for BBN members (availability is limited and determined by academic performance each semester). Students in the BBN may apply for special business scholarships as well as join business student organizations normally restricted only to juniors and seniors. For admission criteria visit https://www.usf.edu/business/undergraduate/bbn/.

Living-Learning Communities - The Bulls Business Community or Zimmerman Advertising Program (ZAP) Community

Freshmen are encouraged to live on campus for the first year. As part of the Bulls Business Network, students are eligible to apply to the business-themed living learning communities, the Bulls Business Community (BBC) and Zimmerman Advertising Program Community (ZAP). Here, students are offered very different programming opportunities. Two exclusive academic advisors and a graduate assistant aid students as they navigate the university and the college. Dinners with the dean, meetings with CEO’s of various Tampa Bay businesses, improv sessions, study abroad opportunities, company tours and etiquette dinners are just a few of the beyond the books experiences provided to less than 200 business students living on five floors in Endeavor Hall. In addition, all BBC/ZAP students have the opportunity to apply to the Honors Program in Business. For further information about the BBC or ZAP please visit https://www.usf.edu/business/undergraduate/bbc/.

Transfer Student Admission Requirements

In addition to general admission requirements, transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student’s program at USF. For more information, see https://www.usf.edu/business/undergraduate/requirements-transfer.aspx.

Students who transfer to the USF Muma College of Business must meet one of the following admission guidelines below:

1. Students transferring to USF with 60 or more transferrable credits, and all state mandated prerequisites successfully completed, must have a minimum 2.5 overall GPA.

2. Students transferring to USF with 60 or more transferrable credits, but have not successfully completed all state mandated prerequisites, must have an overall 2.75 GPA.

3. To be fully admitted to the Muma College of Business, transfer students must complete all state mandated prerequisite courses with a grade of C- or better in each course and an overall 2.0 GPA in all seven (7) courses. The courses are:
   - Financial Accounting: ACG X021/ACG X022 (or ACG X001 & ACG X011)
   - Managerial Accounting: ACG X071 (or ACG X301)
   - Computers in Business: CGS X100 (or acceptable substitute)
   - Principles of Macroeconomics: ECO X013
   - Principles of Microeconomics: ECO X023
   - Elementary Calculus: MAC X233 or MAC 2230
   - Statistics: QMB 2100 or STA 2023
Associate of Arts Transfers: Florida public state or community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state or community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Associate of Science Transfers: Florida College System students pursuing an Associate of Science (AS) program in General Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation of courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S.in General Business Administration may earn a major in only Management. Florida College System students pursuing an Associate of Science (AS) program in any other discipline should contact the BSAS program in the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

College-Level Requirements

General Requirements for B.A. /B.S. Degrees in Business

Students must satisfactorily complete a minimum of 120 semester hours. Of the minimum 120, at least 60 hours must be business courses, and a minimum of 54 hours must be non-business courses (i.e., all courses not normally offered by the Muma College of Business). Additional electives may be required to reach a minimum of 120 hours and can be either business or non-business. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through CANVAS and updated at https://www.usf.edu/business/undergraduate/requirements-general.aspx.

As a part of the 120-hour requirements for the B.A. or B.S. degree, the following criteria also apply:

- **GPA:** A minimum grade-point average of 2.0 must be achieved in the following areas:
  - The major and minor fields
  - College foundation courses
  - All USF coursework
  - Overall GPA (USF and all transfer work)

- **State Communication and Computation Requirements:** Students must have satisfactorily completed the State Communication Requirement and State Computation Requirement.

- **Foreign Language:** For a Bachelor of Arts degree, students must demonstrate competency in a foreign language (refer to the Academic Policies and Procedures section of this catalog). The Muma College of Business does not approve American Sign Language for the Foreign Language Exit Requirement.

- **Residency:** Muma College of Business residency requirements for graduation exceed the minimum requirements established for USF. Students are required to complete satisfactorily at USF Tampa a minimum of 50 percent (30-33 semester hours depending on major) of required business courses, including 12-18 semester hours in the major field. In addition, USF Muma College of Business students must meet residence requirements from the degree granting campus. Normally, independent study and independent research courses do not fulfill this requirement.

- **International Course Requirement:** All business students are required to select at least one course that deals with contemporary international topics. Consult with a business advisor for approved courses.

- **Academic Dismissal:** Students dismissed more than once from the USF System for academic reasons will not be readmitted to the Muma College of Business - Tampa.

Academic Progression: The Muma College of Business supports the USF degree progression policy. Failure to meet degree progress may result in removal from the college to a program more appropriate to ensure students’ success.
Degree Requirements (120 credit hours)

Non-Business

NON-BUSINESS (54 hrs. minimum)

Enhanced General Education Requirements

1. Communication/English Composition (ENC 1102 is required) (6 credit hours)
2. General Education Core Mathematics and Quantitative Reasoning (Calculus and Statistics are required) (6 credit hours)
3. General Education Core Natural Sciences (3 credit hours)
4. General Education Core Social Sciences (Macroeconomics is required) (3 credit hours)
5. General Education Core Humanities (3 credit hours)
6. Human Cultural Diversity (Business Law is required) (3 credit hours)
7. Information & Data Literacy (CGS 2100 is required) (3 credit hours)
8. Creative Thinking (Microeconomics is required) (3 credit hours)
9. Ethical Reasoning & Civic Engagement (3 credit hours)
10. High Impact Practice (3 credit hours)

Non-Business Requirements for Business Majors

1. SPC 2608 Public Speaking or COM 3110 Communication for Business and the Professions
2. ENC 3250 Professional Writing or ENC 3310 Expository Writing or equivalent It is recommended that transfer students take ENC 3250 or ENC 3310 their first semester at USF.

Additional elective credits - Students may or may not need to take additional hours to meet the minimum of 54 non-business credits.

Students must satisfy the State Civic Literacy Requirement (0-3 credits) See advisor for more information.

Business

BUSINESS (63-66 hrs. minimum):

1. Foundation Courses in Business - Required - a minimum grade of C- in each foundation course with an overall 2.0 GPA (36 credit hours):
   • ACG 2021 Principles of Financial Accounting*
   • ACG 2071 Principles of Managerial Accounting*
   • QMB 2100 Business & Economic Statistics I
   • BUL 3320 Law and Business I
   • FIN 3403 Principles of Finance**
   • GEB 3033 Business Skills and Professional Communications
   • ISM 3011 Information Systems in Organizations***
   • QMB 3200 Business & Economic Statistics II
   • MAN 3025 Principles of Management
   • MAN 4504 Operations and Supply Chain Management
   • MAR 3023 Basic Marketing****
   • GEB 4890 Strategic Management/Decision Making
*Accounting majors must earn C, not C-, in ACG 2021 & ACG 2071
**Finance majors must earn a C, not C-, in FIN 3403 with no more than two attempts
***Business Analytics and Information Systems (B.A.IS) majors must earn C, not C-, in ISM 3011
****Advertising and Marketing majors must earn C, not C-, in MAR 3023

2. Major Requirements (21-24 credit hours)

3. Required Business Electives (3 credit hours):
   CGS 2100 Computers in Business

   **Electives in Business or Non-Business**

   Sufficient elective courses to reach a minimum of 120 hours (ranges from 0-3 credit hours if above requirements are met). Minimum total hours 120.

   **Grading Requirements**

   Courses are not available for audit. All courses in the major or minor field and all foundation coursework in business must be taken on a graded basis. S/U grading is available for Finance and Accounting internship courses only.

   **D/F Policy**

   All students entering USF for the first time in Fall 2017 or later, who subsequently earn three (3) D and/or F grades in any or any combination of the following courses at USF will be required to change their major to a major more appropriate to their goals and academic performance and to a major not conferred by the Muma College of Business. The courses are: ACG 2021, ACG 2071, CGS 2100, ECO 2013, ECO 2023, MAC 2233 (or equivalent), and QMB 2100 (or equivalent).

   **Other Requirements**

   **Computer Requirement**

   All students entering the Muma College of Business are required to have a laptop computer that they can use in their classes and labs. The laptop computer must be capable of connecting to the internet wirelessly and accessing software applications through a central server.

**Baccalaureate-Level Degree Programs**

Following are the undergraduate academic programs offered by the Muma College of Business:

**Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) Option**

- Advertising

**Bachelor of Arts (B.A.)**

- Global Business

**Bachelor of Science (B.S.)**

- Accounting
- Business Analytics and Information Systems
- Finance
- General Business Studies
- Management
- Marketing
- Personal Finance
Concurrent Degrees

Business Analytics and Information Systems with a concentration in Healthcare Business and Biomedical Sciences

The dual-degree program in Biomedical Sciences (BMS) and Business Analytics and Information Systems (BAIS), with a concentration in Healthcare Business (HCBC) meets the needs of the marketplace for medical professionals who are well versed in the use of information technology. Combining a Business degree with a focus in analytics with a traditional Pre-Med Biomedical Science degree gives students the skills needed to manage a private practice or medical research program that involves data analytical skills.

While MBA programs are very popular among physicians, there are few programs in the country that allow prospective physicians the opportunity to obtain business knowledge before starting.

INITIAL ELIGIBILITY REQUIREMENTS

- Admission to the Muma College of Business as a first-year student
- 3.8 weighted high school GPA, as calculated by USF’s Office of Undergraduate Admissions
- SAT score of at least 1300, which is based off the new SAT, with minimum 600 math OR ACT score of at least 27
- Declared intent to obtain dual degrees in these programs

CONTINUATION REQUIREMENTS

- At the end of the first summer semester, students must attain both an overall and science/math grade point average GPA of at least 3.60, without the use of grade forgiveness. If students transfer in a GPA, the overall and science/math GPAs from all coursework completed at USF must also be 3.60 or higher.
- First-year science requirements must be completed by the summer of the first year.
- Students who do not meet progression requirements must exit the dual-degree program and will be directed to academic advising in the appropriate discipline.
- Students should plan to meet with a Health Professions advisor and Business advisor each semester to confirm accuracy and receive individual recommendations. For more information, see https://www.usf.edu/business/undergraduate/bais/.
- Students are responsible for verifying that the courses indicated above meet the requirements of their specific programs of interest.
- In addition to meeting with a Health Professions Advisor, students should meet with their Academic Advisor (for their major) each semester to ensure they are also meeting graduation requirements.

Accelerated Programs

B.S. Advertising/M.S. Advertising
https://www.usf.edu/zap/programs/masters.aspx

A 4+1 exists between the Muma College of Business BS in ADV and the Zimmerman School of Advertising and Mass Communications. Students can complete the MS program in one year.

Honors Programs

The Business Honors Program at the University of South Florida is one of the most prestigious programs established to inspire passion and nurture exemplary potential in students. Our program blends rigorous coursework and research activities with special residential, service, international, and applied learning opportunities found inside and outside of the classroom. The Business Honors Program brings together distinct features which include:

- Small classes that enhance learning
- Study abroad program geared toward understanding the global business environment
- Summer internship opportunities with top-rated business companies
- Comprehensive study in research and computational methods
• Research opportunities associated with your Honors thesis
• Corporate mentoring with industry leaders
• Personalized advising

For more information, see https://www.usf.edu/business/undergraduate/honors/program.aspx.

Minors

Accounting (For Business Majors Only)

Students majoring in business may minor in accounting.

Business Analytics and Information Systems (For Business Majors Only)
https://www.usf.edu/business/undergraduate/BAis/minor.aspx

Students majoring in Business may minor in Business Analytics and Information Systems.

Entrepreneurship (Two options: For Non-Business and Non-Industrial Engineering Majors Only and For Business and Industrial Engineering Majors Only)
https://www.usf.edu/entrepreneurship/programs/undergraduate/

Whether students would like to increase their entrepreneurial business skills, pursue their own business ideas, or learn ways to bring innovation into existing positions and businesses, an entrepreneurship minor teaches valuable skills. Minors available for Business and Non-Business Majors.

Finance (For Business Majors Only)
https://www.usf.edu/business/undergraduate/finance/minor.aspx

Students majoring in business may minor in finance.

Management (For Business Majors Only)

Students majoring in business may minor in management.

Marketing (For Business Majors Only)
https://www.usf.edu/business/undergraduate/marketing/minor.aspx

Students majoring in business may minor in marketing.

Concentrations

A concentration is any organized set of courses that is offered as part of a major and enhances or complements the degree program to be awarded in a manner that leads to specific educational or occupational goals, and/or from different disciplines that provide an interdisciplinary focus.

BUSINESS ANALYTICS AND INFORMATION SYSTEMS
• Cybersecurity
• Healthcare Business

FINANCE
• Asset Management
• Corporate Finance
• Real Estate

GLOBAL BUSINESS
• Business Analytics and Information Systems
• Finance
• Management
• Marketing
MANAGEMENT
- Human Resources Management
- Project Management

MARKETING
- Entrepreneurship
- Sales
- Supply Chain Management
- Sport and Entertainment Management

Certificates

Business Analytics and Information Sciences
https://www.usf.edu/business/undergraduate/bais/certificate.aspx
This certificate is designed exclusively for non-business majors. Perfect for students majoring in mass communications, criminology, psychology, international studies, social work, public health, history, philosophy, languages, political science or computer science (or similar majors), this program provides the information systems and business analytics knowledge - without having to pursue a business minor.

Sales
https://www.usf.edu/business/undergraduate/marketing/certificate-sales.aspx
USF's Sales Certificate is designed for non-business majors. The Sales Certificate is ideal for students in STEM disciplines such as engineering, computer science, or biomedical studies. The key benefit from this specialized area of study is attaining advanced professional sales instruction. This development of skills and knowledge is critical for professionals to be successful in sales or business careers.

General Business
https://www.usf.edu/business/undergraduate/general/index.aspx
This certificate is designed exclusively for non-business majors. Perfect for students majoring in mass communications, criminology, psychology, international studies, social work, public health, history, philosophy, or political science (or similar majors), this program provides the business knowledge that will help students in these and other disciplines land a job where they can apply their skills in a corporate setting.

Undergraduate Advising Information

The Undergraduate Advising Office assists business students with academic advising, course permitting, and registration. The office also spearheads undergraduate initiatives such as the Bulls Business Network, Bulls Business Community, Business Honors Program, and Zimmerman Advertising Program.

Services:
- Orientation for freshmen and transfer students.
- Academic advising and program information for pre-business and fully admitted students who have applied to the Muma College of Business and declared business as their intended major.
- Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
- Assist students with their degree progression, retention, and timely graduation.
- Certification of graduation.

Location: BSN 2102
(813) 974-4290 or schedule an advising appointment online at https://www.usf.edu/business/undergraduate/advising/appointments.aspx.
Office Hours:
Monday - Thursday 8:00am-6:00pm
Friday 8:00am-4:00pm. (Friday is reserved for walk-in's only).
Please refer to website for most current office hours and advising availability information:
https://www.usf.edu/business/undergraduate/advising/

For questions email bsn-fdesk@usf.edu.
Be sure to include your name, U#, and contact information with your question.

Collier Student Success Center
Located in BSN 2101
(813) 974-8155
https://www.usf.edu/business/student-success/

The Collier Student Success Center includes the Undergraduate Advising Office, Corporate Mentor Program, Muma Study Abroad Initiatives, Office of Employer Relations, and Business Communication Center. The Collier Student Success Center assists business students with academic advising, global experiences, building resumes, career planning, professional development opportunities and corporate networking events designed to enhance readiness at graduation.
The objective of the baccalaureate degree program in Accountancy is to provide students with accounting and business knowledge that will serve as a basis for careers in industry, government, non-profit organizations and public accountancy. The baccalaureate program also prepares students for entry into the Master of Accountancy (M.Acc.) professional degree program. The State of Florida requires completion of 120 semester hours to sit for the CPA examination and 150 semester hours are required for licensure. For additional information regarding becoming a Florida CPA, please visit the following links: http://www.myfloridalicense.com/dbpr/cpa/licensure.html and http://www.ficpa.org/Content/FutureCPAs/BecomeCPA.aspx.

LIMITED ACCESS

THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

Admission to the Muma College of Business is based upon availability of faculty and space within each discipline. The Muma College of Business is an upper-level, limited access college, which means that it has admission requirements in addition to those of the University in general. Students interested in pursuing a degree in the areas offered by the Muma College of Business must complete the required prerequisites for entering the College in addition to other related criteria listed below.

Students must satisfy the following criteria:

- Minimum of 60 semester hours of college credit earned.
- Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link: http://www.usf.edu/business/undergraduate/requirements-general.aspx.
- In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

The Lynn Pippenger School of Accountancy has additional admission requirements beyond the entry requirements to the Muma College of Business. The additional requirements are as follows:

- Successful completion, with a minimum grade of C (not C-) of ACG 3103 Intermediate Financial Accounting I concurrently with one of the following courses:
  - ACG 3341 Cost Accounting and Control I
  - ACG 3401 AIS

Students who fail to obtain a minimum grade of C (not C-) in ACG 3103 and either ACG 3341, ACG 3401 or Tax 4001 within two cumulative attempts will be counseled into other majors either within the Muma College of Business or other colleges, as appropriate. "W" grades count as an attempt.

Within the 120-semester-hour program, students must complete a minimum of 24 hours of upper-level accounting with a grade of C or better in all courses. Accounting major courses must be no older than five (5) years to count for degree credit. This applies both to continuing USF accounting majors, as well as accounting major courses transferred in from other institutions. A student may petition the Director for an exception to the policy and the Director may grant or deny such a petition, at his/her discretion. Students must complete 18 hours of upper-level Accounting requirements in residency at USF Tampa. Finally, students must earn a 2.0 GPA on all major coursework at USF Tampa and have an overall 2.0 major GPA including any applicable transfer work.
STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

Florida public state or community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state or community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Course Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021 or ACG X022 Financial Accounting or (ACG X001 & ACG X011)
- *ACG X071** Managerial Accounting or ACG X301
- CGS X100 Computers in Business or CGS X100C or CGS X530 or CGS X570 or CGS X060 or CGS X531 or CGS X000 or ISM X000 or CGS X518
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC X230
- STA X023 Introductory Statistics or QMB X100 or STA X122

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

** ACG X071 will count toward the degree as elective credits for transfer students. However, it is recommended that native students take another non-accounting elective.
REQUIREMENTS FOR THE MAJOR IN ACCOUNTING

TOTAL MAJOR HOURS: 24

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (18 HOURS)

Students must complete a minimum of 24 hours of upper-level accounting coursework with a grade of C not C- in all courses. Students must earn a 2.0 GPA on all major coursework at USF Tampa and have an overall 2.0 major GPA including any applicable transfer work. Accounting majors can use the forgiveness policy only once in upper-level accounting courses. Accounting courses taken by accounting majors on an S/U basis will not be counted toward the 120-hour graduation requirement, with the exception of ACG 4940 Accounting Internship. Independent Research, ACG 4911, will not be accepted as credit toward the minimum degree requirements in the accounting concentration.

Students must earn a 2.0 GPA on all major coursework at USF Tampa.

Accounting majors must be no older than five (5) years to count for degree credit. This applies both to continuing USF accounting majors, as well as accounting major courses transferred in from other institutions. A student could petition the Director for an exception to the policy and the Director may grant or deny such petition, at his/her discretion.

- ACG 3103 Intermediate Financial Accounting I*
- ACG 3341 Cost Accounting and Control I*
- ACG 3113 Intermediate Financial Accounting II
- ACG 3401 Accounting Information Systems*
- ACG 4632 Auditing I
- TAX 4001 Concepts of Federal Income Taxation*

*Students must enroll in two courses their first semester within the Accounting major. During the first semester, all students must enroll in ACG 3103. The second course must be chosen from ACG 3341, ACG 3401 or TAX 4001. Students must complete at least one of these two required courses successfully with a grade of C (not C-) or higher on the first attempt. Students who are unable to complete either course on the first attempt are not permitted to retake either course and are assigned for major reselection.

MAJOR ELECTIVES (6 HOURS)

Choose six (6) credit hours from the following list of courses:

- ACG 4123 Intermediate Financial Accounting III
- ACG 4351 Cost Accounting and Control II
- ACG 4642 Auditing II
- ACG 4931 Selected Topics in Accounting
- ACG 4940 Accounting Internship
- ACG 5205 Advanced Financial Accounting
- ACG 5505 Governmental/Not-for-Profit Accounting
- ACG 5675 Internal and Operational Auditing
- TAX 5015 Federal Taxation of Business Entities

GPA REQUIREMENTS

Students must earn a 2.0 GPA on all major coursework at USF Tampa and have an overall 2.0 major GPA including any applicable transfer work.

RESIDENCY REQUIREMENT

Students must complete 18 hours of upper-level Accounting requirements in residency at USF Tampa.

OTHER REQUIREMENTS
The student's program must also include coursework taken in behavioral sciences and humanities, such as psychology, anthropology, and sociology, and the political environment of business and society, such as political science, public administration, and ethics. Muma College of Business advisors will recommend courses that will satisfy the program requirements.

RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

It is recommended that Accounting students participate in an internship course (ACG 4940) as part of their plan of study. This course is offered on an S/U basis only.

ACCREDITATION INFORMATION

In addition to the Muma College of Business having AACSB accreditation, the Lynn Pippenger School of Accountancy is separately accredited by the Association to Advance Collegiate Schools of Business.

ADVISING INFORMATION

Advising Services:

- Orientation for freshmen and transfer students.
- Academic advising and program information for pre-business students who have applied to the Muma College of Business and declared business as their intended major.
- Students who meet all Muma College of Business admission requirements.
- Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
- Maintenance of academic advising records.
- Certification of graduation.

Location: C.H. Ferguson Hall (Business Administration Building) (BSN) 2102, (813) 974-4290 or schedule an advising appointment on-line: http://www.usf.edu/business/undergraduate/advising/.

Office Hours: 8am-6pm Monday-Thursday and 8am-4pm on Friday. Always refer to website for most current office hours information.

ACCOUNTING FACULTY


B.A. OR B.S. - ADVERTISING (BAV)

(CIP = 52.1499)
TOTAL DEGREE HOURS: 120

http://www.usf.edu/business/undergraduate/advertising/
The Advertising major in the Muma College of Business is unique in that it is a collaborative effort between the Zimmerman School of Advertising and Mass Communications in the College of Arts and Sciences and the Marketing Department in the Muma College of Business. The major complements an existing Advertising track in the Mass Communications major and provides students the opportunity to combine the creative, media, and account planning aspects of advertising with knowledge, skills, and abilities in accounting, economics, finance, information systems, management, marketing and strategy.

LIMITED ACCESS

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Students must satisfy the following criteria:

- Minimum of 60 semester hours of college credit earned.
- Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link: http://www.usf.edu/business/undergraduate/requirements-general.aspx.
- In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

Florida public state or community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state or community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Course Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:
REQUIREMENTS FOR THE MAJOR IN ADVERTISING

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 3 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student's final semester.

The following course is a prerequisite and supporting course for this major. It is required for the major, but not counted in the total hours for this major. The degree will not be awarded if this course has not been taken by the end of the student's final semester.

- MMC 3602 Mass Communications and Society

TOTAL MAJOR HOURS: 36

MAJOR REQUIREMENTS FOR THE B.A. OR B.S. DEGREE:

MAJOR CORE (23 HOURS)

Within the 120-semester hour program listed in the Business General Requirement section (including the state mandated common prerequisites), complete all courses listed below with a minimum grade of C, not C-, participate in a study abroad experience, and live in the Zimmerman Advertising Program (ZAP) Living Learning Community during their freshmen year.

Required Courses for Advertising major:

- ADV 3008 Introduction to Advertising
- ADV 3101 Advertising Creativity
- ADV 3300 Advertising Media Strategy
- ADV 4600 Advertising Management
- ADV 4800 Advertising Campaigns
- ADV 4940 Advertising Internship (two 1 credit experiences)
- MAR 3613 Marketing Research
- MAR 4503 Buyer Behavior

MAJOR ELECTIVES (13 HOURS)

Required Business Electives:

- MAR 3823 Marketing Management

Choose two courses (6 hours) from below:

- MAR 4933 Selected Topics in Marketing: Social Media Applications
- MAR XXXX Upper-Level Marketing Elective
  - MAR 3400 Professional Selling
  - MAR 3711 Sports Marketing
  - MAR 4156 International Marketing
  - MAR 4213 Logistics and Physical Distribution Management
  - MAR 4231 Retailing Management
  - MAR 4333 Promotion Management
  - MAR 4403 Sales Management
MAR 4453 Business to Business Marketing
MAR 4712 Healthcare Marketing
MAR 4824 Marketing Management Problems

Required Non-Business Electives:

- GEB 2935 Selected Topics in Business: Speaker Series (1 credit)
- SLS 2901 Academic Foundations Seminar (two 1 credit experiences)

GPA REQUIREMENTS

At least a minimum of a C (not C-) grade must be earned in each course. An overall GPA of 2.0 is required in the major for graduation.

RESIDENCY REQUIREMENT

In the major, 15 of the 21 Advertising hours and 12 of the 17 Marketing hours must be taken in residency at USF Tampa.

RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

Advertising students will be required to complete internships as part of their degree program.

ACCELERATED B.S./M.A. PROGRAM

Accelerated B.S. in Advertising and M.A. in Mass Communications with a concentration in Strategic Communication Management

This program allows B.S. majors in Advertising (Muma College of Business) to take graduate courses in the M.A. degree in Mass Communications with a concentration in Strategic Communication Management (College of Arts and Sciences), during their senior year. These shared credits will be applicable to the M.A. degree, thus accelerating the time to completion, with successful students able to earn the M.A. degree in two additional semesters beyond the completion of the B.S. degree.

ADVISING INFORMATION

Advising Services:

- Orientation for freshmen and transfer students.
- Academic advising and program information for pre-business students who have applied to the Muma College of Business and declared business as their intended major.
- Students who meet all Muma College of Business admission requirements.
- Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
- Maintenance of academic advising records.
- Certification of graduation.

Location: C.H. Ferguson Hall (Business Administration Building) (BSN) 2102, (813) 974-4290 or schedule an advising appointment on-line: http://www.usf.edu/business/undergraduate/advising/.

Office Hours: 8am-6pm Monday-Thursday and 8am-4pm on Friday. Please refer to website for most current office hours information.
ADVERTISING FACULTY


B.S. - BUSINESS ANALYTICS AND INFORMATION SYSTEMS (BAIS)

(CIP = 52.1201)
TOTAL DEGREE HOURS: 120

http://www.usf.edu/business/undergraduate/major-mis.aspx

The Business Analytics and Information Systems (BAIS) major provides the skills and knowledge necessary to enter the rapidly changing world of business analytics and information systems. Potential career paths include data analyst, business intelligence analyst, business analyst, consulting, systems analyst, database administrator, project manager or a myriad of technology management roles in business.

LIMITED ACCESS

THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

Admission to the Muma College of Business is based upon availability of faculty and space within each discipline. The Muma College of Business is an upper-level, limited access college, which means that it has admission requirements in addition to those of the University in general. Students interested in pursuing a degree in the areas offered by the Muma College of Business must complete the required prerequisites for entering the College in addition to other related criteria listed below.

Students must satisfy the following criteria:

- Minimum of 60 semester hours of college credit earned.
- Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link: http://www.usf.edu/business/undergraduate/requirements-general.aspx.
- In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.
Florida public state or community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state or community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021 Financial Accounting or ACG X022 or (ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting or ACG X301
- CGS X100 Computers in Business or CGS X100C or CGS X530 or CGS X570 or CGS X060 or CGS 531 or CGS X000 or ISM X000 or CGS X518
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC X230 or MAC X311
- STA X023 Introductory Statistics or QMB X100 or STA X122

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

**REQUIREMENTS FOR THE MAJOR IN BUSINESS ANALYTICS AND INFORMATION SYSTEMS**

**TOTAL MAJOR HOURS: 24**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE (15 HOURS)**

Within the 120-semester-hour program, students must complete a set of 6 required courses and 3 approved electives.

Students choose to enroll as either:

- a Business Analytics and Information Systems major or
- a Business Analytics and Information Systems major with a concentration in Cybersecurity or
- a Business Analytics and Information Systems major with a concentration in Healthcare Business

Students must have a 2.0 or higher GPA in the major; they can use grade forgiveness for only one upper-level course. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work. BAIS majors must earn a “C” or higher (not C-) in ISM 3011 and the six required courses. At least 18 hours must be taken in residence at USF Tampa.

- ISM 3011 Information Systems in Organizations*
- ISM 3232 Business Application Development*
- ISM 4212 Database Design and Administration
- ISM 4402 Business Intelligence or ISM 4220 Business Data Communications**
- ISM 4300 Managing Information Resources
ISM 3232 (Business Application Development) is recommended to be taken concurrently with ISM 3011 (Information Systems in Organizations).

**ISM 4402** is recommended for students interested in mainstream business analytics careers, while ISM 4220 is recommended for students interested in mainstream careers in Management Information Systems. Students can always take both these courses and have the second one count as an elective (see below).

**MAJOR ELECTIVES (9 HOURS)**

- ISM 4041 Global Cyber Ethics
- ISM 4141 Java Programming
- ISM 4153 Enterprise Resource Planning Systems
- ISM 4220 Business Data Communications**
- ISM 4234 Object-Oriented Design and Development
- ISM 4252 Mainframe Technologies
- ISM 4314 Project Management
- ISM 4323 Information Security and IT Risk Management
- ISM 4381 Information Systems for Healthcare Analytics
- ISM 4382 Global Information Systems
- ISM 4402 Business Intelligence**
- ISM 4432 Software Testing
- ISM 4480 Electronic Commerce Systems
- ISM 4542 Statistical Programming for Business Analytics
- ISM 4571 Cybersecurity Cases
- ISM 4930 Selected Topics in MIS
- ISM 4940 Business Analytics and Information Systems Internship
- MAN 4505 Healthcare Operations Management

***No more than three hours of ISM 4950 (Independent Research) can be counted as MIS electives. (ISM 4905 (Independent Study) will not count as an elective.)

Students should see an advisor for a list of other approved upper-level area elective courses.

**GPA REQUIREMENTS**

Students must have a 2.0 or higher GPA in the major; they can use grade forgiveness for only one upper-level course. A grade point average of 2.0 or higher must be achieved in all major coursework at USF and an overall 2.0 GPA including transfer work.

**GRADING REQUIREMENT**

BAIS majors must earn a "C" or higher (not C-) in ISM 3011 and the five required Business Analytics and Information Systems (BA&IS) courses.

**RESIDENCY REQUIREMENT**

At least 18 hours must be taken in residence at USF Tampa.

**RESEARCH OPPORTUNITIES**

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

**INTERNSHIP OPPORTUNITIES**

It is strongly recommended that Business Analytics and Information Systems students take an internship course (ISM 4940) as part of their plan of study.
ACCELERATED B.S/M.S. PROGRAM

Accelerated B.S. in Business Analytics and Information Systems and M.S. in Business Analytics and Information Systems

The goal of the USF Muma College of Business integrated undergraduate-graduate program in BAIS/BAI is to provide outstanding undergraduate students an option to complete the B.S. undergraduate degree in BAIS and the M.S. graduate degree in BAI in five years (141 total hours). The integrated B.S./M.S. program is a 141-hour undergraduate-graduate option that allows eligible students to work towards the M.S. in BAI degree requirements while completing their undergraduate B.S. degree. Students interested in this option will work closely with an advisor and a faculty member to develop an integrated plan of study.

ADVISING INFORMATION

Advising Services:

- Orientation for freshmen and transfer students.
- Academic advising and program information for pre-business students who have applied to the Muma College of Business and declared business as their intended major.
- Students who meet all Muma College of Business admission requirements.
- Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
- Maintenance of academic advising records.
- Certification of graduation.

Location: C.H. Ferguson Hall (Business Administration Building) (BSN) 2102, (813) 974-4290 or schedule an advising appointment on-line: http://www.usf.edu/business/undergraduate/advising/.

Office Hours: 8am-6pm Monday-Thursday and 8am-4pm on Friday. Please refer to website for most current office hours information.

BUSINESS ANALYTICS AND INFORMATION SYSTEMS FACULTY

Chairperson: M. Agrawal; Professor Emeritus: J.E. Blanton; Professors: M. Agrawal; A. Bhattacherjee, K. Chari, G. de Veerde; T.G. Gill, A.R. Hevner (Citigroup/Hidden River Endowed Chair), W. Jank (Anderson Professor of Global Management); B. Padmanabhan; Associate Professors: D.J. Berndt, J. Jones, B. Padmanabhan (Anderson Professor of Global Management), T.L. Sincich, R.P. Will; Assistant Professor: K. Dutta; S. Shivendu; H. Zhang; Instructors: A. Athienitis; D. Conway; C. Daniel; M. Dummeldinger, M. Mullarkey; R. Satterfield, B. Warner, W.W. Whitlock.

CYBERSECURITY (CYBC) CONCENTRATION

TOTAL DEGREE HOURS: 120

The Cybersecurity concentration in Business Analytics and Information Systems focuses on the growing need to prepare students for successful careers in the information security field.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.
Florida public state or community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state or community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021/ACG X022 Financial Accounting (or ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting (or X301)
- CGS X100 Computers in Business (or acceptable substitute, i.e., CGS X100C, CGS X530, CGS X570, CGS X531, CGS X000, MAN X812)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100 or STA X122 (although STA X023 and QMB X100 are preferred).

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

** REQUIREMENTS FOR THE CONCENTRATION IN CYBERSECURITY **

TOTAL MAJOR HOURS: 24

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

** MAJOR CORE - 15 HOURS **

Required Business Analytics and Information Systems Courses (15 credit hours):

- ISM 3011 Information Systems in Organizations*
- ISM 3232 Business Application Development*
- ISM 4212 Database Design and Administration
- ISM 4300 Managing Information Resources
- ISM 4402 Business Intelligence or ISM 4220 Business Data Communications**

*ISM 3232 (Business Application Development) is recommended to be taken concurrently with ISM 3011 (Information Systems in Organizations).

**ISM 4402 is recommended for students interested in mainstream business analytics careers, while ISM 4220 is recommended for students interested in mainstream careers in Management Information Systems. Students can always take both these courses and have the second one count as an elective (see below).

** MAJOR CORE (3 HOURS ) **

A student may choose to major in Business Analytics and Information Systems only or may choose to major in Business Analytics and Information Systems with a concentration in Cybersecurity.

Required Cybersecurity Concentration Course (3 credit hours):
MAJOR ELECTIVES (6 HOURS)

Choose six (6) credit hours from the following Business Analytics and Information Systems elective courses:

- ISM 4220 Business Data Communications***
- ISM 4402 Business Intelligence***
- ISM 4041 Global Cyber Ethics
- ISM 4432 Software Testing
- ISM 4571 Cybersecurity Cases
- ISM 4940 Business Analytics and Information Systems Internship

***If these courses are used to satisfy the major requirements, they cannot be used to fulfill the elective requirements.

Students should see an advisor for a list of other approved upper-level area elective courses.

GPA REQUIREMENTS

Students must have a 2.0 or higher GPA in the major; they can use grade forgiveness for only one upper-level course. A grade point average of 2.0 or higher must be achieved in all major coursework at USF and an overall 2.0 GPA including transfer work.

GRADING REQUIREMENT

Students in the major must earn a "C" or higher (not C-) in ISM 3011 and the six required courses.
RESIDENCY REQUIREMENT

At least 18 hours must be taken in residence at USF Tampa.

HEALTHCARE BUSINESS (HCBC) CONCENTRATION

TOTAL DEGREE HOURS: 120

The Healthcare Business concentration in Business Analytics and Information Systems focuses on the growing need to prepare students for successful careers in healthcare business field. With suitable selection of courses, the healthcare business concentration can serve as a pre-medical program.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

Florida public state or community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state or community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021/ACG X022 Financial Accounting (or ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting (or X301)
- CGS X100 Computers in Business (or acceptable substitute, i.e., CGS X100C, CGS X530, CGS X570, CGS X531, CGS X000, MAN X812)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100 or STA X122 (although STA X023 and QMB X100 are preferred).

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071
REQUIREMENTS FOR THE CONCENTRATION IN HEALTHCARE BUSINESS

TOTAL MAJOR HOURS: 24

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE - 15 HOURS

Required Business Analytics and Information Systems Courses (15 credit hours):

- ISM 3011 Information Systems in Organizations*
- ISM 3232 Business Application Development*
- ISM 4212 Database Design and Administration
- ISM 4300 Managing Information Resources
- ISM 4402 Business Intelligence or ISM 4220 Business Data Communications**

*ISM 3232 (Business Application Development) is recommended to be taken concurrently with ISM 3011 (Information Systems in Organizations).

**ISM 4402 is recommended for students interested in mainstream business analytics careers, while ISM 4220 is recommended for students interested in mainstream careers in Management Information Systems. Students can always take both these courses and have the second one count as an elective (see below).

MAJOR CORE (3 HOURS)

A student may choose to major in Business Analytics and Information Systems only or may choose to major in Business Analytics and Information Systems with a concentration in Healthcare Business.

Required Healthcare Business Concentration Course (3 credit hours):

- ISM 4381 Information Systems for Healthcare Analytics

MAJOR ELECTIVES (6 HOURS)

Choose six (6) credit hours from the following elective courses:

- BCH 3053 General Biochemistry
- ISM 4402 Business Intelligence***
- ISM 4542 Statistical Programming for Business Analytics
- ISM 4940 Business Analytics and Information Systems Internship
- LIS 4477 Clinical Decision Support
- MAN 4505 Healthcare Operations Management

***If this course is used to satisfy the major requirements, it cannot be used to fulfill the elective requirements.

+Internship location should be in a healthcare related field

Students should see an advisor for a list of other approved upper-level area elective courses.

GPA REQUIREMENTS

Students must have a 2.0 or higher GPA in the major; they can use grade forgiveness for only one upper-level course. A grade point average of 2.0 or higher must be achieved in all major coursework at USF and an overall 2.0 GPA including transfer work.

GRADING REQUIREMENT

Students in the major must earn a "C" or higher (not C-) in ISM 3011 and the six required courses.

RESIDENCY REQUIREMENT

At least 18 hours must be taken in residence at USF Tampa.
The Finance major provides a broad-based, analytical program for students anticipating a career in the management of both large and small organizations. Finance provides a good background for students seeking general careers in business. Finance majors can elect to take courses in the following areas that prepare them for entry and advanced careers in: financial management of corporations, management of financial institutions, investments, financial services, insurance, and real estate. In addition, the program in Finance is designed to provide the skills required by students earning degrees in other business disciplines and by students who seek professional degrees in areas such as law and public administration. The Finance program offers courses that enable the graduate to identify and solve problems in the acquisition and allocation of funds by organizations in the public and private sectors in domestic and international settings. It provides the background necessary for managing wealth in a risky environment. Finance relies on an interdisciplinary approach that draws on economic theory, accounting, information systems, and the quantitative decision frameworks of statistics and mathematics. The major is designed to ensure that graduates are familiar with the tools of financial decision making and that they possess the skills to stay abreast of the developments in the field. Finance graduates will understand the functions and operations of financial markets, become familiar with computer applications in finance, and know how to access and utilize financial information. Course content is designed to provide majors with an appreciation of cooperative work skills and to enhance their verbal and written communication skills.

LIMITED ACCESS

THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

Admission to the Muma College of Business is based upon availability of faculty and space within each discipline. The Muma College of Business is an upper-level, limited access college, which means that it has admission requirements in addition to those of the University in general. Students interested in pursuing a degree in the areas offered by the Muma College of Business must complete the required prerequisites for entering the College in addition to other related criteria listed below.

Students must satisfy the following criteria:

- Minimum of 60 semester hours of college credit earned.
- Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link: http://www.usf.edu/business/undergraduate/requirements-general.aspx.
- In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

The Finance department has an additional admission requirement beyond the entry requirements for the Muma College of Business. Students are required to:

- Pass FIN 3403 with a minimum grade of C, not C-, with no more than two (2) attempts. "W" grades count as an attempt.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.
Florida public state and community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state and community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021 or ACG X022 Financial Accounting or (ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting or ACG X301
- CGS X100 Computers in Business or CGS X100C or CGS X530 or CGS X570 or CGS X060 or CGS X531 or CGS X000 or ISM X000 or CGS X518
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC X230
- STA X023 Introductory Statistics or QMB X100 or STA X122

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

**REQUIREMENTS FOR THE MAJOR IN FINANCE**

**TOTAL MAJOR HOURS: 21**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE (9 HOURS)**

Within the 120-semester-hour program listed in the Business General Requirement section (including the state mandated common prerequisites), students must complete a minimum of 21 hours of upper-level finance courses beyond FIN 3403.

Students choose to enroll as either:

- a Finance major or
- a Finance major with a concentration in Asset Management or
- a Finance major with a concentration in Corporate Finance or
- a Finance major with a concentration in Real Estate
- **FIN 4453** Financial Modeling and Analytics
- **FIN 4504** Principles of Investments
- **FIN 4443** Financial Policies and Strategies*

*FIN 4443 is a capstone course that should be taken in the final semester of the major (or as close as possible).
MAJOR ELECTIVES (12 HOURS)

Four upper-level Finance electives

Finance electives can be selected from among those 3000- and 4000-level classes that have FIN, REE, and RMI prefixes. At least two electives must have an FIN prefix. Independent Study (FIN 4905) and Independent Research (FIN 4915) will not be accepted as credit toward the minimum degree requirements for a major in Finance.

- FIN 3144 Financial Planning
- FIN 3233 Money and Banking
- FIN 3604 International Finance
- FIN 4128 Financial Planning Process
- FIN 4303 Financial Institutions and Markets
- FIN 4412 Working Capital Management
- FIN 4414 Advanced Corporate Finance
- FIN 4461 Financial Statement Analysis
- FIN 4514 Advanced Investment Analysis and Management
- FIN 4533 Financial Options & Futures
- FIN 4560 Applied Securities Analysis
- FIN 4940 Finance Internship
- REE 3043 Real Estate Decision Making

GPA REQUIREMENTS

A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

GRADING REQUIREMENT

Students are required to earn a C- or higher in all finance courses that are counted toward the major requirements.

RESIDENCY REQUIREMENT

At least 15 hours must be taken in residence at USF Tampa.

RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

It is recommended that Finance students participate in an internship course (FIN 4940) as part of their plan of study. This course is offered on an S/U basis only.

ADVISING INFORMATION

Advising Services:

- Orientation for freshmen and transfer students.
- Academic advising and program information for pre-business students who have applied to the Muma College of Business and declared business as their intended major.
- Students who meet all Muma College of Business admission requirements.
- Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
- Maintenance of academic advising records.
FINANCE FACULTY


ASSET MANAGEMENT (FIAM) CONCENTRATION

TOTAL DEGREE HOURS: 120

Students wishing to pursue a career in asset management are encouraged to pursue this concentration.

LIMITED ACCESS

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- In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.
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Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021 or ACG X022 Financial Accounting or (ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting (or ACG X301)
- CGS X100 Computers in Business (or acceptable substitute, i.e., CGS X100C, CGS X530, CGS X570, CGS X060, CGS X531, CGS X000, ISM X000, CGS X518)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC X230
- STA X023 Introductory Statistics or QMB X100 or STA X122 (although STA X023 and QMB X100 are preferred).

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

**REQUIREMENTS FOR THE CONCENTRATION IN ASSET MANAGEMENT**

**TOTAL MAJOR HOURS: 21**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE - 9 HOURS**

- FIN 4453 Financial Modeling and Analytics
- FIN 4504 Principles of Investments
- FIN 4443 Financial Policies and Strategies*

*FIN 4443 is a capstone course that should be taken in the final semester of the major (or as close as possible).

**MAJOR CORE (12 HOURS)**

A student may choose to major in Finance only or may choose to major in Finance with a concentration in Asset Management.

Choose any four (4) courses below:

- FIN 4303 Financial Institutions and Markets
- FIN 4461 Financial Statement Analysis
- FIN 4514 Advanced Investment Analysis and Management
- FIN 4560 Applied Securities Analysis
- FIN 4934 Selected Topics in Finance: Advance Financial Risk Management
- FIN 4940 Finance Internship
GPA REQUIREMENTS
A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

GRADING REQUIREMENT
Students are required to earn a C- or higher in all finance courses that are counted toward the major requirements.

RESIDENCY REQUIREMENT
At least 15 hours must be taken in residence at USF Tampa.

CORPORATE FINANCE (FICF) CONCENTRATION
TOTAL DEGREE HOURS: 120

Students wishing to pursue a career in corporate finance are encouraged to pursue this concentration.

LIMITED ACCESS

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Students must satisfy the following criteria:

- Minimum of 60 semester hours of college credit earned.
- Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link: http://www.usf.edu/business/undergraduate/requirements-general.aspx.
- In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

Florida public state and community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state and community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.
Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021 or ACG X022 Financial Accounting or (ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting (or ACG X301)
- CGS X100 Computers in Business (or acceptable substitute, i.e., CGS X100C, CGS X530, CGS X570, CGS X060, CGS X531, CGS X000, ISM X000, CGS X518)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC X230
- STA X023 Introductory Statistics or QMB X100 or STA X122 (although STA X023 and QMB X100 are preferred).

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

**REQUIREMENTS FOR THE CONCENTRATION IN CORPORATE FINANCE**

**TOTAL MAJOR HOURS: 21**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE - 9 HOURS**

- FIN 4453 Financial Modeling and Analytics
- FIN 4504 Principles of Investments
- FIN 4443 Financial Policies and Strategies

*FIN 4443 is a capstone course that should be taken in the final semester of the major (or as close as possible).*

**MAJOR CORE (12 HOURS)**

A student may choose to major in Finance only or may choose to major in Finance with a concentration in Corporate Finance.

- FIN 4414 Advanced Corporation Finance

Choose any three (3) courses below:

- ACG 3103 Intermediate Financial Accounting I
- ACG 3113 Intermediate Financial Accounting II
- FIN 3604 International Finance
- FIN 4412 Working Capital Management
- FIN 4461 Financial Statement Analysis
- FIN 4940 Finance Internship

**GPA REQUIREMENTS**

A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

**GRADING REQUIREMENT**

Students are required to earn a C- or higher in all finance courses that are counted toward the major requirements.
At least 15 hours must be taken in residence at USF Tampa.

REAL ESTATE (FIRE) CONCENTRATION

TOTAL DEGREE HOURS: 120

LIMITED ACCESS

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Students must satisfy the following criteria:

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- In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to pursue a career in asset management are encouraged to pursue this concentration. A student may choose to major in Finance only or may choose to major in Finance with a concentration in Asset Management.

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

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Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

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- *ACG X071 Managerial Accounting (or ACG X301)
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- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC X230
- STA X023 Introductory Statistics or QMB X100 or STA X122 (although STA X023 and QMB X100 are preferred).

* Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

REQUIREMENTS FOR THE CONCENTRATION IN REAL ESTATE

TOTAL MAJOR HOURS: 21

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE - 9 HOURS

- FIN 4453 Financial Modeling and Analytics
- FIN 4504 Principles of Investments
- FIN 4443 Financial Policies and Strategies*

*FIN 4443 is a capstone course that should be taken in the final semester of the major (or as close as possible).

MAJOR CORE (12 HOURS)

A student may choose to major in Finance only or may choose to major in Finance with a concentration in Real Estate.

- REE 3043 Real Estate Decision Making
- REE 4940C Real Estate Internship

Choose any two (2) courses below:

- FIN 3144 Financial Planning Fundamentals
- FIN 4303 Financial Institutions & Markets
- FIN 4461 Financial Statement Analysis
- RMI 3011 Principles of Insurance

GPA REQUIREMENTS

A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

GRADING REQUIREMENT

Students are required to earn a C- or higher in all finance courses that are counted toward the major requirements.

RESIDENCY REQUIREMENT

At least 15 hours must be taken in residence at USF Tampa.

INTERNSHIP OPPORTUNITIES

It is recommended that Finance students participate in an internship course (FIN 4940) as part of their plan of study. This course is offered on an S/U basis only.

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ADVISING INFORMATION

Advising Services:

- Orientation for freshmen and transfer students.
- Academic advising and program information for pre-business students who have applied to the Muma College of Business and declared business as their intended major.
- Students who meet all Muma College of Business admission requirements.
- Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
- Maintenance of academic advising records.
- Certification of graduation.

Location: C.H. Ferguson Hall (Business Administration Building) (BSN) 2102, (813) 974-4290 or schedule an advising appointment on-line: http://www.usf.edu/business/undergraduate/advising/.

Office Hours: 8am-6pm Monday-Thursday and 8am-4pm on Friday. Please refer to website for most current office hours information.

B.S. - GENERAL BUSINESS STUDIES (GBAS)

(CIP = 52.0101 - TRACK 1 OF 2)
TOTAL DEGREE HOURS: 120

http://www.usf.edu/business/undergraduate/general/

The General Business Studies major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.

LIMITED ACCESS

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- *ACG X071 Managerial Accounting or ACG X301
- CGS X100 Computers in Business or CGS X100C or CGS X530 or CGS X570 or CGS X060 or CGS X531 or CGS X000 or ISM X000 or CGS X518
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- ECO X023 Principles of Microeconomics
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- STA X023 Introductory Statistics or QMB X100 or STA X122

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Requirements for the Major in General Business Studies

Total Major Hours: 18

Major Requirements for the B.S. Degree:

Major Core (9 Hours)

Within the 120-semester-hours program, a minimum of 18 hours of upper-level coursework must be earned. Students must complete three (3) upper-level courses from at least one of the following Business areas: Accounting, Business Analytics and Information Systems, Entrepreneurship, Finance, Management, or Marketing.

- Accounting Area: Nine (9) credit hours of earned ACG 3000-4999 coursework.
- Business Analytics and Information Systems Area: Nine (9) credit hours of earned ISM 3000-4999 coursework.
- Entrepreneurship Area: Nine (9) credit hours of earned ENT 3000-4999 coursework.
- Finance Area: Nine (9) credit hours of earned FIN 3000-4999 coursework.
- Management Area: Nine (9) credit hours of earned MAN 3000-4999 coursework.
- Marketing Area: Nine (9) credit hours of earned MKT 3000-4999 coursework.
MAJOR ELECTIVES (9 HOURS)

Non-Business Course Electives:

As part of the General Business Studies major, students may choose to apply three (3) upper-level courses outside the Business area. The upper-level courses do not have to be from a specific discipline, however only two (2) of the three (3) courses may fulfill other degree requirements.

GPA REQUIREMENTS

A GPA of 2.0 or higher must be achieved in non-Business coursework applied to the major. Best attempts will be used when calculating the GPA.

GRADING REQUIREMENT

A grade of C- or higher is required for all Business and non-Business courses applied for the major core and electives.

RESIDENCY REQUIREMENT

Of the total nine (9) credit hours of major Business coursework, six (6) must be taken in residency at USF Tampa. Of the total nine (9) credit hours of elective coursework, six (6) must be taken in residency at USF Tampa.

RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

An academic internship would be beneficial, either in the major or interdisciplinary studies (IDS 3947).

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Advising Services:

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- Students who meet all Muma College of Business admission requirements.
- Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
- Maintenance of academic advising records.
- Certification of graduation.

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MUMA COLLEGE OF BUSINESS

UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

B.A. - GLOBAL BUSINESS (GBP)
(CIP = 52.1101)
TOTAL DEGREE HOURS: 120

http://www.usf.edu/business/undergraduate/global/

The Bachelor of Arts in Global Business provides students with the knowledge, skills and experience necessary for successful careers in the global business environment. Graduates will have not only a Global Business major, but also a concentration in one of the functional areas of business (Finance, Management, Marketing, and Business Analytics and Information Systems). With this preparation, graduates will find employment in many manufacturing, service or knowledge-based industries with global markets, global suppliers, global sources of finance and/or a globally diverse workforce. The Global Business program is unique in that it combines preparation in business administration with language studies and a meaningful overseas work or study experience.

LIMITED ACCESS

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- Minimum of 60 semester hours of college credit earned.
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Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Course Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021 Financial Accounting or ACG X022 or (ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting or ACG X301
- CGS X100 Computers in Business or CGS X100C or CGS X530 or CGS X570 or CGS X060 or CGS X531 or CGS X000 or ISM X000 or CGS X518
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC X230
- STA X023 Introductory Statistics or QMB X100 or STA X122

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

REQUIREMENTS FOR THE MAJOR IN GLOBAL BUSINESS

TOTAL MAJOR HOURS: 27

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (15 HOURS)

A minimum of 120 hours is required to complete a B.A. in Global Business.

- **Business Courses (12 credit hours)**
  - MAN 4631 Global Perspectives and Management Choices
  - Choose three of the following four courses:
    - FIN 3604 International Finance
    - ISM 4382 Global Information Systems or ISM 4041 Global Cyber Ethics
    - MAN 4600 International Management
    - MAR 4156 International Marketing

- **Foreign Language Exit Requirement (3 credit hours)**
  - One foreign language course above the beginning language sequence, in the same language as the beginning foreign language sequence

Note: A beginning foreign language sequence (I and II) is required to meet the University's Foreign Language Exit (FLEX) Requirement.

- **Global Business Concentration is required (12 credit hours)**
  - A student must declare a 12-hour concentration from the following list:
    - Business Analytics and Information Systems
    - Finance
    - Management
    - Marketing

Overseas Business Internship or Study Abroad Experience: An approved study abroad or overseas internship must be completed as part of the degree requirements. Please meet with an advisor for study abroad/internship approval.
Please note: Courses used to satisfy a major in Accounting, Business Analytics and Information Systems, Finance, Management, or Marketing may not be used to satisfy the concentration requirement for the Global Business major. Courses used for a Global Business concentration cannot be used for a major.

COURSE GRADE REQUIREMENT

A 2.0 GPA is required for the Business courses, no grade below a C- will be accepted.

GRADING REQUIREMENT

No grade below a C- will be accepted for the major and concentration coursework.

RESIDENCY REQUIREMENT

Nine of the 12 required major core credit hours must be taken on the USF Tampa campus.

FOREIGN LANGUAGE REQUIREMENT

The Bachelor of Arts in Global Business requires students to successfully complete the University’s Foreign Language Exit Requirement (FLEX).

OTHER REQUIREMENTS

Required Business courses cannot be used to satisfy the Business concentrations.

RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

Overseas Business Internship or Study Abroad Experience

The Global Business major is designed to be completed within 120 credit hours. Certain courses satisfy requirements in more than one area. To maximize academic options, students should seek guidance from an advisor once a decision has been made to pursue this major.

ADVISING INFORMATION

Advising Services:

- Orientation for freshmen and transfer students.
- Academic advising and program information for pre-business students who have applied to the Muma College of Business and declared business as their intended major.
- Students who meet all Muma College of Business admission requirements.
- Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
- Maintenance of academic advising records.
- Certification of graduation.

Location: C.H. Ferguson Hall (Business Administration Building) (BSN) 2102, (813) 974-4290 or schedule an advising appointment on-line: http://www.usf.edu/business/undergraduate/advising/.

Office Hours: 8am-6pm Monday-Thursday and 8am-4pm on Friday. Please refer to website for most current office hours information.
FINANCE (GBFI) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN FINANCE

TOTAL CONCENTRATION HOURS: 27

CONCENTRATION CORE (12 HOURS)

- FIN 4504 Principles of Investments
- FIN 4303 Financial Institutions and Markets
- FIN 4414 Advanced Corporation Finance
- FIN 3604 International Finance

GPA REQUIREMENTS

A 2.0 GPA is required for concentration courses.

GRADING REQUIREMENT

No grade below a C- will be accepted for the major and concentration coursework.

RESIDENCY REQUIREMENT

At least 9 credit hours of concentration coursework must be taken in residence at USF Tampa.

BUSINESS ANALYTICS AND INFORMATION SYSTEMS (GBIS) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN BUSINESS ANALYTICS AND INFORMATION SYSTEMS

TOTAL CONCENTRATION HOURS: 27

CONCENTRATION CORE (9 HOURS)

- ISM 3113 Systems Analysis and Design
- ISM 4212 Database Design and Administration
- ISM 4382 Global Information Systems

Concentration Electives (3 hours)

Three (3) hours of upper-level ISM Coursework:

- ISM 3115 Business Informatics
- ISM 3232 Business Application Development
- ISM 3431 Operations and Supply Chain Processes
- ISM 4041 Global Cyber Ethics
- ISM 4141 Java Programming
- ISM 4153 Enterprise Resource Planning Systems
- ISM 4213 Advanced Database Administration
- ISM 4220 Business Data Communications
- ISM 4233 Information System Interface Design
- ISM 4234 Object-Oriented Design and Development
- ISM 4252 Mainframe Technologies
- ISM 4300 Managing Information Resources
- ISM 4314 Project Management
- ISM 4323 Information Security and IT Risk Management
- ISM 4382 Global Information Systems
- ISM 4402 Business Intelligence
- ISM 4432 Software Testing
- ISM 4480 Electronic Commerce Systems
ISM 4940  Business Analytics & Information Systems Internship

GPA REQUIREMENTS
A 2.0 GPA is required for concentration courses.

GRADING REQUIREMENT
No grade below a C- will be accepted for the major and concentration coursework.

RESIDENCY REQUIREMENT
At least 9 credit hours of concentration coursework must be taken in residence at USF Tampa.

MARKETING (GBMK) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN MARKETING

TOTAL CONCENTRATION HOURS: 27

CONCENTRATION CORE (6 HOURS)
- MAR 3823  Marketing Management
- MAR 4156  International Marketing

Concentration Electives (6 hours)
- 6 hours of upper-level Marketing Coursework
  - MAR 3400  Professional Selling
  - MAR 3613  Market Research
  - MAR 3711  Sports Marketing
  - MAR 4213  Logistics and Physical Distribution Management
  - MAR 4231  Retailing Management
  - MAR 4333  Promotion Management
  - MAR 4403  Sales Management
  - MAR 4453  Business to Business Marketing
  - MAR 4503  Buyer Behavior
  - MAR 4712  Healthcare Marketing
  - MAR 4824  Marketing Management Problems

GPA REQUIREMENTS
A 2.0 GPA is required for concentration courses.

GRADING REQUIREMENT
No grade below a C- will be accepted for the major and concentration coursework.

RESIDENCY REQUIREMENT
At least 9 credit hours of concentration coursework must be taken in residence at USF Tampa.

MANAGEMENT (GBMN) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN MANAGEMENT

TOTAL CONCENTRATION HOURS: 27

CONCENTRATION CORE (12 HOURS)
- MAN 3240  Organizational Behavior Analysis
- MAN 3301  Human Resource Management
GPA REQUIREMENTS
A 2.0 GPA is required for concentration courses.

GRADING REQUIREMENT
No grade below a C- will be accepted for the major and concentration coursework.

RESIDENCY REQUIREMENT
At least 9 credit hours of concentration coursework must be taken in residence at USF Tampa.

B.S. - MANAGEMENT (MAN)
(CIP = 52.0201)
TOTAL DEGREE HOURS: 120

The undergraduate major in Management prepares students to manage and lead all aspects of organizations. It also prepares students for graduate study in business and other fields. Mastery of course content enables students to inspire themselves, others, teams, and organizations to coordinate efforts to provide effective outcomes. Content covered includes ethics and virtue, organizational behavior, human resources, domestic and international cultural differences, and negotiating skills. A capstone course integrates the learning objectives of the major in a study of a real company where students demonstrate that they can now apply effectively what they have learned.

LIMITED ACCESS

THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

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Students must satisfy the following criteria:

- Minimum of 60 semester hours of college credit earned.
- Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link:
- In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES
Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student’s program at USF.
Florida public state or community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state or community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021 Financial Accounting or ACG X022 or (ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting or ACG X301
- CGS X100 Computers in Business or CGS X100C or CGS X530 or CGS X570 or CGS X060 or CGS X531 or CGS X000 or ISM X000 or CGS X518
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC X230
- STA X023 Introductory Statistics or QMB X100 or STA X122

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

**REQUIREMENTS FOR THE MAJOR IN MANAGEMENT**

**TOTAL MAJOR HOURS: 21**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE (12 HOURS)**

Within the 120-semester-hour program, students must complete 21 hours of management coursework beyond MAN 3025.

A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work. At least 15 hours must be taken in residence at USF Tampa.

- MAN 3240 Organizational Behavior Analysis
- MAN 3301 Human Resource Management
- MAN 4282 Organizational Assessment
- MAN 4737 Integrated Management Applications

**MAJOR ELECTIVES (9 HOURS)**

- ENT 4024 Small Business Management - Entrepreneurship
- GEY 4635 Business Management in an Aging Society
- MAN 4063 Management Ethics
- MAN 4402 Employment Laws
- MAN 4441 Negotiation and Conflict Resolution
- MAN 4600 International Management
- MAN 4631 Global Perspectives and Management Choices
- MAN 4930 Selected Topics in Management
MANAGEMENT FACULTY

HUMAN RESOURCES MANAGEMENT (HRM) CONCENTRATION

TOTAL DEGREE HOURS: 120

This concentration provides students with the knowledge and skills necessary to obtain entry-level positions and to succeed in the field of Human Resources Management. Upon successful completion of this concentration, students will develop an understanding of the different functions encompassed within this particular discipline such as managing compensation, benefits, training and development, recruitment, staffing, employee retention, performance evaluation, employment law, as well as developing an appreciation of the importance of obtaining and enhancing diversity in the workplace.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

Florida public state or community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state or community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021/ACG X022 Financial Accounting (or ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting (or X301)
- CGS X100 Computers in Business (or acceptable substitute, i.e., CGS X100C, CGS X530, CGS X570, CGS X531, CGS X000, MAN X812)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100 or STA X122 (although STA X023 and QMB X100 are preferred).

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

REQUIREMENTS FOR THE CONCENTRATION IN HUMAN RESOURCES MANAGEMENT

TOTAL MAJOR HOURS: 21

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE - 12 HOURS

- MAN 3240 Organizational Behavior Analysis
MAN 3301 Human Resource Management
MAN 4282 Organizational Assessment
MAN 4737 Integrated Management Applications

MAJOR CORE (6 HOURS)

- MAN 4329 People Analytics
- MAN 4402 Employment Laws

MAJOR ELECTIVES (3 HOURS)

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

- ENT 4024 Small Business Management - Entrepreneurship
- GEY 4635 Business Management in an Aging Society
- MAN 4063 Management Ethics
- MAN 4441 Negotiation and Conflict Resolution
- MAN 4600 International Management
- MAN 4631 Global Perspectives and Management Choices
- MAN 4940 Management Internship

GPA REQUIREMENTS

A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

RESIDENCY REQUIREMENT

At least 15 hours must be taken in residence at USF Tampa.

PROJECT MANAGEMENT (MPM) CONCENTRATION

TOTAL DEGREE HOURS: 120

This concentration provides students with the knowledge and skills necessary to obtain entry-level positions and to succeed in the field of Human Resources Management. Upon successful completion of this concentration, students will develop an understanding of the different functions encompassed within this particular discipline such as managing compensation, benefits, training and development, recruitment, staffing, employee retention, performance evaluation, employment law, as well as developing an appreciation of the importance of obtaining and enhancing diversity in the workplace.

LIMITED ACCESS

THIS CONCENTRATION HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

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Students must satisfy the following criteria:

- Minimum of 60 semester hours of college credit earned.
Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link: http://www.usf.edu/business/undergraduate/requirements-general.aspx.

In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.

A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

Florida public state or community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state or community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021/ACG X022 Financial Accounting (or ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting (or X301)
- CGS X100 Computers in Business (or acceptable substitute, i.e., CGS X100C, CGS X530, CGS X570, CGS X531, CGS X000, MAN X812)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100 or STA X122 (although STA X023 and QMB X100 are preferred).

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

Requirements for the Concentration in Project Management

TOTAL MAJOR HOURS: 21

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE - 12 HOURS

- **MAN 3301** Human Resource Management
- **MAN 4282** Organizational Assessment
• MAN 4737 Integrated Management Applications
MAJOR CORE (9 HOURS)

This concentration provides students with the knowledge and skill necessary to obtain entry-level positions and to succeed in the areas of Project Management and Business Analysis.

- **ISM 4314** Project Management - This course in project management covers the basic principles, processes, and tools of modern management. Principles and areas of the Project Management Body of Knowledge (PMBOK) are covered utilizing information technology examples.
- **MAN 4441** Negotiation and Conflict Resolution - Examines what conflict is, how it occurs, and how it can be managed through negotiation, particularly in the workplace.
- **MAN 4930** Selected Topics in Management: Business Analysis - This course will familiarize students with techniques used by business analysts who are engaged in strategy formulation, process design

GPA REQUIREMENTS

A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

RESIDENCY REQUIREMENT

At least 15 hours must be taken in residence at USF Tampa.

B.S. - MARKETING (MKT)

(CIP = 52.1401)

TOTAL DEGREE HOURS: 120

http://www.usf.edu/business/undergraduate/marketing/

Marketing is a dynamic field with many dimensions, including product selection and planning, product distribution, branding, pricing and promotion. Marketing poses many challenges and yields generous rewards for those who meet these challenges. Marketing operations are carried out domestically and internationally in virtually all business organizations that offer a product or service. Many marketing concepts are applicable to the operations of non-profit organizations such as governmental, educational, and health care institutions, as well as charitable and political campaigns. Marketing operations provide the most visible links between the firm or institution and its many publics. Marketing deals with people who are constantly changing in their needs, wants, and desires; and coupled with these changing tastes is a fiercely competitive environment sustained by all the resources of a rapidly evolving technology. These forces lead to much of the challenge and dynamic nature of marketing. The Marketing program at USF prepares students for initial entry and management positions in many areas of marketing with a curriculum that is concerned with:

1. Understanding how to attract and retain customers
2. Having the ability to find and analyze information
3. Being able to design, collect, and analyze marketing information to be used in managerial decision making
4. Using electronic and traditional media to create satisfied loyal customers
5. Having personal communication skills that businesses demand
6. Being capable of writing a winning marketing plan
7. Understanding and being able to apply the latest marketing concepts
LIMITED ACCESS

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Students must satisfy the following criteria:

- Minimum of 60 semester hours of college credit earned.
- Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link: http://www.usf.edu/business/undergraduate/requirements-general.aspx.
- In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

Florida public state or community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state or community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Florida College System students pursuing an Associate of Science (A.S.) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021 Financial Accounting or ACG X022 or (ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting or ACG X301
- CGS X100 Computers in Business or CGS X100C or CGS X530 or CGS X570 or CGS X060 or CGS X531 or CGS X000 or ISM X000 or CGS X518
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC X230
REQUIREMENTS FOR THE MAJOR IN MARKETING

TOTAL MAJOR HOURS: 21

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (9 HOURS)

Within the 120-semester-hour program, students must complete a minimum of 21 hours in marketing beyond MAR 3023.

Students choose to enroll as either:

- a Marketing major or
- a Marketing major with a concentration in Entrepreneurship or
- a Marketing major with a concentration in Sales or
- a Marketing major with a concentration in Sport and Entertainment Management or
- a Marketing major with a concentration in Supply Chain Management

A 2.0 GPA in all major course work at USF and an overall 2.0 GPA including transfer work. A grade of C or higher (not C-) is required in MAR 3023 Basic Marketing. At least 15 hours of upper-level marketing core courses must be taken in residence at USF Tampa. Students must earn at least a C- for the courses to count in the Marketing major.

If a student chooses a concentration, please see concentration-specific courses.

- MAR 3613 Marketing Research
- MAR 3823 Marketing Management
- MAR 4824 Marketing Management Problems

MAJOR ELECTIVES (12 HOURS)

- Major Required Electives (6 credit hours)
  - MAR 3400 Professional Selling
  - MAR 4333 Promotion Management
- Additional upper-level marketing courses (6 credit hours)
  - MAR 3711 Sports Marketing
  - MAR 4156 International Marketing
  - MAR 4213 Logistics and Physical Distribution Management
  - MAR 4231 Retailing Management
  - MAR 4403 Sales Management
  - MAR 4453 Business to Business Marketing
  - MAR 4503 Buyer Behavior
  - MAR 4712 Healthcare Marketing

GPA REQUIREMENTS

A 2.0 GPA in all major course work at USF and an overall 2.0 GPA including transfer work.

GRADING REQUIREMENT

A grade of C- is required in all Marketing classes, except MAR 3023 Basic Marketing. A grade of C (not C-) is required in MAR 3023 Basic Marketing.

RESIDENCY REQUIREMENT

At least 15 hours of upper level marketing core courses must be taken in residence at USF Tampa.
RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

It is strongly recommended that Marketing Majors take an internship course (MAR 4940 Practicum) as part of their plan of study. The marketing practicum course provides students an internship opportunity to gain real world business experiences while they continue to take other courses and make progress towards their degree. Intern sponsors are provided as part of the course and academic work is delivered online. It is also recommended that courses in information technology, finance, management, and international business be included in the business electives.

ADVISING INFORMATION

Advising Services:

- Orientation for freshmen and transfer students.
- Academic advising and program information for pre-business students who have applied to the Muma College of Business and declared business as their intended major.
- Students who meet all Muma College of Business admission requirements.
- Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
- Maintenance of academic advising records.
- Certification of graduation.

Location: C.H. Ferguson Hall (Business Administration Building) (BSN) 2102, (813) 974-4290 or schedule an advising appointment on-line: http://www.usf.edu/business/undergraduate/advising/.

Office Hours: 8am-6pm Monday-Thursday and 8am-4pm on Friday. Please refer to website for most current office hours information.

MARKETING FACULTY

The Entrepreneurship Concentration in Marketing focuses on integration of the principles for successful opportunity recognition, application of creativity and innovation, and new venture creation and operations. The Entrepreneurship Concentration, with its emphasis on creativity and innovation, also prepares students for entrepreneurial leadership roles within organizations.

LIMITED ACCESS

THIS CONCENTRATION HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

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- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.

Florida public state or community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at a Florida College System institution. As a rule, AA students should avoid taking any business courses at the state or community college that are listed as 3000- and 4000-level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration. In general, business courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the Muma College of Business. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of successfully completing specified advanced courses in the discipline.

Florida College System students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the Muma College of Business and prepare a program plan for degree completion. Students transferring to the Muma College of Business with an A.S. in Business Administration may earn a major in Management only.

Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.
Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021/ACG X022 Financial Accounting (or ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting (or X301)
- CGS X100 Computers in Business (or acceptable substitute, i.e., CGS X100C, CGS X530, CGS X570, CGS X531, CGS X000, MAN X812)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100 or STA X122 (although STA X023 and QMB X100 are preferred).

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

REQUIREMENTS FOR THE CONCENTRATION IN ENTREPRENEURSHIP

TOTAL MAJOR HOURS: 21

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE - 9 HOURS

Required Marketing Courses (9 credit hours):

- **MAR 3613** Marketing Research
- **MAR 3823** Marketing Management
- **MAR 4824** Marketing Management Problems

MAJOR CORE (12 HOURS)

Required Entrepreneurship Concentration Courses (12 credit hours):

- **ENT 3613** Creativity and Innovation in Entrepreneurial Firms or **EIN 4200** Creativity in Technology
- **ENT 4014** New Venture Formation
- **MAR 4503** Buyer Behavior
- Choose one of the following courses:
  - **ENT 4024** Small Business Management - Entrepreneurship
  - **MAR 3400** Professional Selling
  - **MAR 4940** Marketing Internship/Practicum

GPA REQUIREMENTS

A 2.0 GPA in all major coursework at USF and an overall 2.0 GPA including transfer work.

COURSE GRADE REQUIREMENT

A grade of "C" or higher (not C-) is required in MAR 3023 Basic Marketing. A minimum grade of C- is required for all Marketing coursework.

RESIDENCY REQUIREMENT

At least 15 hours of upper-level Marketing core courses must be taken in residence at USF Tampa.

ADVISING INFORMATION

Location: C.H. Ferguson Hall (Business Administration Building) (BSN) 2102, (813) 974-4290 or schedule an advising appointment on-line: [http://www.usf.edu/business/undergraduate/advising/](http://www.usf.edu/business/undergraduate/advising/).

Office Hours: 8am-6pm Monday-Thursday and 8am-4pm on Friday. Please refer to website for most current office hours information.
## SALES (SALE) CONCENTRATION

**TOTAL DEGREE HOURS: 120**

### STATE MANDATED COMMON COURSE PREREQUISITES

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Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021/ACG X022 Financial Accounting (or ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting (or X301)
- CGS X100 Computers in Business (or acceptable substitute, i.e., CGS X100C, CGS X530, CGS X570, CGS X531, CGS X000, MAN X812)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or [MAC 2230](#)
- STA X023 Introductory Statistics or QMB X100 or STA X122 (although STA X023 and QMB X100 are preferred).

*Accounting majors must earn a C not C- in [ACG 2021](#) & [ACG 2071](#)

### REQUIREMENTS FOR THE CONCENTRATION IN SALES

**TOTAL MAJOR HOURS: 21**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE - 9 HOURS**

Required Marketing Courses (9 credit hours):

- [MAR 3613](#) Marketing Research
- [MAR 3823](#) Marketing Management
- [MAR 4824](#) Marketing Management Problems
MAJOR CORE (12 HOURS)

- MAR 3400 Professional Selling
- MAR 4333 Promotion Management
- MAR 4403 Sales Management
- MAR 4940 Marketing Internship/Practicum

GPA REQUIREMENTS

A 2.0 GPA in all major coursework at USF and an overall 2.0 GPA, including transfer work.

COURSE GRADE REQUIREMENT

A grade of "C" or higher (not C-) is required in MAR 3023 Basic Marketing. A minimum grade of C- is required for all Marketing coursework.

RESIDENCY REQUIREMENT

At least 15 credit hours of upper-level Marketing core courses must be taken in residence at USF Tampa.

SUPPLY CHAIN MANAGEMENT (SCMG) CONCENTRATION

TOTAL DEGREE HOURS: 120


The Supply Chain Management Concentration in Marketing focuses on managing the international flow of goods, services, finances, and information among organizations in global supply chains. Supply chain management includes business-to-business relationship management, global sourcing, inventory management, logistics, transportation, warehousing, facility management, and materials handling.

LIMITED ACCESS

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Students must satisfy the following criteria:

- Minimum of 60 semester hours of college credit earned.
- Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link: http://www.usf.edu/business/undergraduate/requirements-general.aspx.
- In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student's program at USF.
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Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

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- *ACG X071 Managerial Accounting (or X301)
- CGS X100 Computers in Business (or acceptable substitute, i.e., CGS X100C, CGS X530, CGS X570, CGS X531, CGS X000, MAN X812)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or [MAC 2230](https://example.com)
- STA X023 Introductory Statistics or QMB X100 or STA X122 (although STA X023 and QMB X100 are preferred).

*Accounting majors must earn a C not C- in [ACG 2021](https://example.com) & [ACG 2071](https://example.com)

**REQUIREMENTS FOR THE CONCENTRATION IN SUPPLY CHAIN MANAGEMENT**

**TOTAL MAJOR HOURS: 21**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE - 9 HOURS**

Required Marketing Courses (9 credit hours):

- [MAR 3613](https://example.com) Marketing Research
- [MAR 3823](https://example.com) Marketing Management
- [MAR 4824](https://example.com) Marketing Management Problems

**MAJOR CORE (12 HOURS)**

Required Supply Chain Management Concentration Courses (12 credit hours):

- [MAR 3202](https://example.com) Supply Chain Management
- [MAR 4156](https://example.com) International Marketing
- [MAR 4213](https://example.com) Logistics and Physical Distribution Management
- [MAR 4940](https://example.com) Marketing Internship/Practicum

**GPA REQUIREMENTS**

A 2.0 GPA in all major course work at USF and an overall 2.0 GPA including transfer work.
GRADING REQUIREMENT

A grade of "C" or higher (not C-) is required in MAR 3023 Basic Marketing. A minimum grade of C- is required for all Marketing coursework.

RESIDENCY REQUIREMENT

At least 15 hours of upper-level Marketing core courses must be taken in residence at USF Tampa.

ADVISING INFORMATION

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MARKETING FACULTY


SPORT AND ENTERTAINMENT MANAGEMENT (SEMC) CONCENTRATION

TOTAL DEGREE HOURS: 120

The Sport and Entertainment Management concentration in Marketing emphasizes business fundamentals of sports with specialized coursework tailored to sport marketing.

LIMITED ACCESS

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Students must satisfy the following criteria:

- Minimum of 60 semester hours of college credit earned.
- Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link: http://www.usf.edu/business/undergraduate/requirements-general.aspx.
- In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.
- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES

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- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100 or STA X122 (although STA X023 and QMB X100 are preferred).

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

**REQUIREMENTS FOR THE CONCENTRATION IN SPORT AND ENTERTAINMENT MANAGEMENT**

**TOTAL MAJOR HOURS: 21**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE - 9 HOURS**

Required Marketing Courses (9 credit hours):

- MAR 3613 Marketing Research
- MAR 3823 Marketing Management
- MAR 4824 Marketing Management Problems

**MAJOR CORE (12 HOURS)**

Required Sport & Entertainment Management Concentration Courses (12 credit hours):

- MAR 4503 Buyer Behavior
- MAR 4940 Marketing Internship/Practicum or MAR 3400 Professional Selling
- SPB 4712 Sport Marketing
- SPB 4717 Social Media in Sport Marketing

**GPA REQUIREMENTS**

A 2.0 GPA in all major coursework at USF and an overall 2.0 GPA including transfer work.
COURSE GRADE REQUIREMENT

A grade of "C" or higher (not C-) is required in MAR 3023 Basic Marketing. A minimum grade of C- is required for all Marketing coursework.

RESIDENCY REQUIREMENT

At least 15 hours of upper-level Marketing core courses must be taken in residence at USF Tampa.

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B.S. - PERSONAL FINANCE (PSF)

(CIP = 52.0801)
TOTAL DEGREE HOURS: 120

http://www.usf.edu/business/undergraduate/financial-planning/

The B.S. in Personal Finance offers a curriculum that concentrates on the analysis of personal financial data and the economic climate to prepare recommendations in the client's best interest. The program examines professional issues in financial planning, including ethical considerations; regulation and certification requirements; written and oral communication skills; and professional responsibility. An emphasis is placed on analysis of data and critical thinking with regard to the client's circumstances. The emphasis in this program is on applying and synthesizing financial planning concepts and techniques to a client's circumstances and developing a course of action based on accepted financial planning methods:

1. To acquire the knowledge, empathy and understanding of a financial planning client,
2. To sharpen your ability to spot and evaluate financial planning issues in a client's circumstances,
3. To think creatively and to solve problems in highly unstructured situations,
4. To effectively develop and integrate issues in a holistic financial plan, rather than focusing on individual planning aspects,
5. To enjoy the advantages of peer group review and feedback during the planning phases.

LIMITED ACCESS

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Students must satisfy the following criteria:

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- Minimum of a cumulative grade point average of 2.5 on all college-level work and a minimum of 2.0 on all credit attempted at USF, including any prior to renewal. NOTE: Beginning Fall 2013 the Muma College of Business will establish each fall a new minimum overall GPA required to satisfy the limited access GPA admission requirement. The minimum overall GPA will range between a 2.5 with a maximum required GPA of a 2.75. Students will be notified each fall as to the minimum entrance GPA required for the following fall semester. Notification will occur through Canvas and updated at the following link: http://www.usf.edu/business/undergraduate/requirements-general.aspx.
In computing entry grade point average, all business and economics courses taken for S or U grades will be converted to C or F, respectively.

- A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.

STATE MANDATED COMMON COURSE PREREQUISITES

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Florida College System students pursuing an Associate of Science (A.S.) program in any other discipline should contact the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C- or higher in each course and an overall 2.0 GPA:

- *ACG X021 or ACG X022 Financial Accounting or (ACG X001 & ACG X011)
- *ACG X071 Managerial Accounting or ACG X301
- CGS X100 Computers in Business or CGS X100C or CGS X530 or CGS X570 or CGS X060 or CGS X531 or CGS X000 or ISM X000 or CGS X518
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC X230
- STA X023 Introductory Statistics or QMB X100 or STA X122

*Accounting majors must earn a C not C- in ACG 2021 & ACG 2071

REQUIREMENTS FOR THE MAJOR IN PERSONAL FINANCE

TOTAL MAJOR HOURS: 21

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (21 HOURS)

- FIN 3144 Financial Planning Fundamentals
- FIN 4128 Personal Financial Planning Process and Development
- FIN 4132 Estate Planning
- FIN 4504 Principles of Investments
- RMI 3011 Principles of Insurance
- RMI 4135 Retirement Planning and Employee Benefits
- TAX 4001 Concepts of Federal Income Taxation (PR: ACG 3103, ACG 3341)
GPA REQUIREMENTS
A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

COURSE GRADE REQUIREMENT
Students are required to earn a C- or higher in all finance courses that are counted toward the major requirements.

RESIDENCY REQUIREMENT
At least 15 hours must be taken in residence at USF Tampa.

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

INTERNSHIP OPPORTUNITIES
It is recommended that Finance students participate in an internship course (FIN 4940) as part of their plan of study. This course is offered on an S/U basis only.

ADVISING INFORMATION
Advising Services:

- Orientation for freshmen and transfer students.
- Academic advising and program information for pre-business students who have applied to the Muma College of Business and declared business as their intended major.
- Students who meet all Muma College of Business admission requirements.
- Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
- Maintenance of academic advising records.
- Certification of graduation.

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PERSONAL FINANCE FACULTY
MINOR IN ACCOUNTING (FOR BUSINESS MAJORS ONLY) (ACC)

TOTAL MINOR HOURS: 12


The Accounting minor is available to all Undergraduate Muma College of Business students, except those majoring in Accounting. All required 12 credit hours must be taken in residence at USF Tampa. A grade of C (not C-) or better must be earned in each of the four upper-level Accounting courses taken. A GPA of 2.0 or higher must be achieved in all minor coursework. All attempts will be included in the GPA unless grade forgiveness has been used. Only one grade forgiveness may be used in the minor.

REQUIREMENTS FOR THE MINOR IN ACCOUNTING (FOR BUSINESS MAJORS ONLY)

MINOR CORE (12 HOURS)

- ACG 3103 Intermediate Financial Accounting I*
- ACG 3341 Cost Accounting and Control I*
- ACG 3401 Accounting Information Systems*
- TAX 4001 Concepts of Federal Income Taxation*

*Students must take ACG 3103 during the first semester and at least one of the other three courses listed above during the same semester.

GPA REQUIREMENTS

A GPA of 2.0 or higher must be achieved in all minor coursework. All attempts will be included in the GPA unless grade forgiveness has been used. Only one grade forgiveness may be used in the minor.

GRADING REQUIREMENT

A grade of C (not C-) or better must be earned in each of the four upper-level Accounting courses taken.

RESIDENCY REQUIREMENT

All 12 credit hours must be taken in residence at USF Tampa.

OTHER REQUIREMENTS

The Lynn Pippenger School of Accountancy has additional admission requirements beyond the entry requirements to the Muma College of Business.

1. Successful completion of ACG 3103 Intermediate Financial Accounting I and ACG 3341 Cost Accounting and Control I or ACG 3401 Accounting Information Systems or TAX 4001 with a minimum grade of C, not C- and no more than two attempts cumulatively between ACG 3103 and the selected co-requisite course. “W” grades count as an attempt.

The pre-requisites for ACG 3103 and all accounting minor coursework require students to earn a grade of C, not C- in both ACG 2021 and ACG 2071. Students who fail to obtain a minimum grade of C (not C-) in ACG 3103 and ACG co-requisite within two cumulative attempts will be withdrawn from the minor, as appropriate. “W” grades count as an attempt.

Accounting courses must be no older than five (5) years to count for degree credit.

A student may petition the Director for an exception to the policy and the Director may grant or deny such a petition, at his/her discretion.
MINOR IN BUSINESS ANALYTICS AND INFORMATION SYSTEMS (FOR BUSINESS MAJORS ONLY) (BAIS)

TOTAL MINOR HOURS: 12

http://www.usf.edu/business/undergraduate/bais/minor.aspx

The Business Analytics and Information Systems minor is available to all undergraduate Muma College of Business students, except those majoring in Business Analytics and Information Systems. Nine hours of the required 12 credit hours must be taken in residence at USF Tampa. A GPA of 2.0 or higher must be achieved in all minor coursework.

REQUIREMENTS FOR THE MINOR IN BUSINESS ANALYTICS AND INFORMATION SYSTEMS (FOR BUSINESS MAJORS ONLY)

MINOR CORE (6 HOURS)

- ISM 3113 Systems Analysis and Design
- ISM 4212 Database Design and Administration

MINOR ELECTIVES (6 HOURS)

- 6 hours of approved MIS electives

GPA REQUIREMENTS

A grade point average of 2.0 or better must be achieved in the minor coursework at USF and in all minor courses completed at other institutions.

RESIDENCY REQUIREMENT

At least nine (9) hours of the required 12 credit hours must be taken in residence at USF Tampa.

MINOR IN ENTREPRENEURSHIP (FOR BUSINESS AND INDUSTRIAL ENGINEERING MAJORS ONLY) (ETB)

TOTAL MINOR HOURS: 12


This is an interdisciplinary entrepreneurship minor available to all USF undergraduate majors. This minor prepares graduates to enter their chosen major area of concentration in a variety of for-profit and not-for-profit positions. Students will demonstrate professional competencies in opportunity assessment, business planning, critical thinking, and the development and launch of new products and services.

REQUIREMENTS FOR THE MINOR IN ENTREPRENEURSHIP (FOR BUSINESS AND INDUSTRIAL ENGINEERING MAJORS ONLY)

The minor requires a total of 12 credit hours.

MINOR CORE (12 HOURS)

- ENT 4014 New Venture Formation
- ENT 3613 Creativity and Innovation in Entrepreneurial Firms or EIN 4200 Creativity in Technology

Choose two (2) of the following courses:

- EIN 4933 Selected Topics in Industrial Engineering: Product Development
- ENT 4024 Small Business Management - Entrepreneurship
- EIN 4420 Fundamentals of Venture Capital and Private Equity
- MAN 4804 Small Business Management Counseling
GPA REQUIREMENTS

A GPA of 2.0 or better must be achieved in the course work at USF and in all minor courses completed at other institutions.

RESIDENCY REQUIREMENT

At least nine (9) hours of the required 12 credit hours must be taken in residence at USF Tampa.

MINOR IN ENTREPRENEURSHIP (FOR NON-BUSINESS AND NON-INDUSTRIAL ENGINEERING MAJORS ONLY) (ETN)

TOTAL MINOR HOURS: 15


This is an interdisciplinary entrepreneurship minor available to all USF undergraduate majors. This minor prepares graduates to enter their chosen major area of concentration in a variety of for-profit and not-for-profit positions. Students will demonstrate professional competencies in opportunity assessment, business planning, critical thinking, and the development and launch of new products and services.

REQUIREMENTS FOR THE MINOR IN ENTREPRENEURSHIP (FOR NON-BUSINESS AND NON-INDUSTRIAL ENGINEERING MAJORS ONLY)

The minor requires a total of 15 credit hours.

MINOR CORE (15 HOURS)

- **ENT 3003** Principles of Business in Entrepreneurship
- **ENT 4014** New Venture Formation
- **ENT 3613** Creativity and Innovation in Entrepreneurial Firms or **EIN 4200** Creativity in Technology
- Choose two (2) of the following courses:
  - **EIN 4933** Special Topics in Industrial Engineering: Product Development
  - **ENT 4024** Small Business Management - Entrepreneurship
  - **ENT 4424** Fundamentals of Venture Capital and Private Equity
  - **MAN 4804** Small Business Management Counseling

GPA REQUIREMENTS

A GPA of 2.0 or better must be achieved in the course work at USF and in all minor courses completed at other institutions.

RESIDENCY REQUIREMENT

At least nine (9) hours of the required 15 credit hours must be taken in residence at USF Tampa.
MINOR IN FINANCE (FOR BUSINESS MAJORS ONLY) (FIN)

TOTAL MINOR HOURS: 12

http://www.usf.edu/business/undergraduate/finance/minor.aspx

The Finance minor is available to all Undergraduate Muma College of Business students, except those majoring in Finance. Nine hours of the required 12 credit hours must be taken in residence at USF Tampa. A grade of C- or better must be earned in each of the required Finance courses counted for the minor. A GPA of 2.0 or higher must be achieved in all minor coursework. All attempts will be included in the GPA unless grade forgiveness has been used.

REQUIREMENTS FOR THE MINOR IN FINANCE (FOR BUSINESS MAJORS ONLY)

MINOR CORE (12 HOURS)

- FIN 4303 Financial Institutions and Markets
- FIN 4414 Advanced Corporation Finance
- FIN 4443 Financial Policies and Strategies*
- FIN 4504 Principles of Investments

*FIN 4443 is capstone course that should be taken in the final semester of the minor (or as close as possible).

GPA REQUIREMENTS

A GPA of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.

GRADING REQUIREMENT

Students are required to earn a C- or higher in finance courses that are counted toward the minor requirements.

RESIDENCY REQUIREMENT

At least nine (9) of the required 12 credit hours must be taken in residence at USF Tampa.

MINOR IN MANAGEMENT (FOR BUSINESS MAJORS ONLY) (MAN)

TOTAL MINOR HOURS: 12

The Management minor is available to all Undergraduate Muma College of Business students, except those majoring in Management. Nine hours of the required 12 credit hours must be taken in residence at USF Tampa. A GPA of 2.0 or higher must be achieved in all minor coursework.

REQUIREMENTS FOR THE MINOR IN MANAGEMENT (FOR BUSINESS MAJORS ONLY)

MINOR CORE (12 HOURS)

- MAN 3240 Organizational Behavior Analysis
- MAN 3301 Human Resource Management
- MAN 4282 Organizational Assessment
- MAN 4737 Integrated Management Applications

GPA REQUIREMENTS

A GPA of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.

RESIDENCY REQUIREMENT

At least nine (9) hours of the required 12 credit hours must be taken in residence at USF Tampa
MINOR IN MARKETING (FOR BUSINESS MAJORS ONLY) (MKT)

TOTAL MINOR HOURS: 12

http://www.usf.edu/business/undergraduate/marketing/minor.aspx

The Marketing minor is available to all Undergraduate Muma College of Business students, except those majoring in Marketing. Nine hours of the required 12 credit hours must be taken in residence at USF Tampa. A grade of C or higher (not C-) is required in MAR 3023 Basic Marketing. A minimum C- grade is required for all courses applicable to the Marketing minor. A GPA of 2.0 or higher must be achieved in all minor coursework.

REQUIREMENTS FOR THE MINOR IN MARKETING (FOR BUSINESS MAJORS ONLY)

MINOR CORE (12 HOURS)

- MAR 3823 Marketing Management
- Any three (3) upper-level Marketing courses with a MAR prefix (excluding MAR 4824)
  - MAR 3400 Professional Selling
  - MAR 3613 Market Research
  - MAR 3711 Sports Marketing
  - MAR 4156 International Marketing
  - MAR 4213 Logistics and Physical Distribution Management
  - MAR 4231 Retailing Management
  - MAR 4333 Promotion Management
  - MAR 4403 Sales Management
  - MAR 4453 Business to Business Marketing
  - MAR 4503 Buyer Behavior
  - MAR 4712 Healthcare Marketing

GPA REQUIREMENTS

A GPA of 2.0 or better must be achieved in the course work at USF and in all minor courses completed at other institutions.

GRADING REQUIREMENT

A grade of C or higher (not C-) is required in MAR 3023. A minimum grade of C- is required for all Marketing minor coursework.

RESIDENCY REQUIREMENT

At least nine (9) hours of the required 12 credit hours must be taken in residence at USF Tampa.

CERTIFICATE IN BUSINESS ANALYTICS AND INFORMATION SYSTEMS

TOTAL CERTIFICATE HOURS: 15

http://www.usf.edu/business/undergraduate/bais/certificate.aspx

This certificate is designed exclusively for non-business majors. This program provides the information systems and business analytics knowledge - without having to pursue a business minor - that will help students in these and other disciplines land a job where they can apply their skills in a corporate systems or analytics setting. There are no prerequisites to begin the certificate and the sections set aside for this program are created with the non-business major in mind. While there is no specific point of entry for the program, there is a preferred sequence of coursework, starting with the Information Systems in Organizations class and ending with a specialized Business Intelligence course. All courses are available online.
REQUIREMENTS FOR THE CERTIFICATE IN BUSINESS ANALYTICS AND INFORMATION SYSTEMS

CERTIFICATE CORE (15 HOURS)

- ISM 3011 Information Systems in Organizations
- ISM 3113 Systems Analysis and Design (PR: ISM 3011; Co-PR: ISM 3232)
- ISM 3232 Business Application Development (Co-PR: ISM 3011)
- ISM 4212 Database Design and Administration (PR: ISM 3113)
- ISM 4930 Selected Topics in MIS: Excel and SQL for Business Analytics (PR: ISM 3011)

GPA REQUIREMENTS

A grade point average of 2.00 or better must be achieved in the certificate coursework at USF and in all certificate courses completed at other institutions.

RESIDENCY REQUIREMENT

At least 12 hours of the required 15 credit hours must be taken in residence at USF Tampa.

CERTIFICATE IN SALES

TOTAL CERTIFICATE HOURS: 12

http://www.usf.edu/business/undergraduate/certificates.aspx

The Sales certificate provides sales skills to students in departments across USF (e.g., Engineering, Health, Arts) that recognize the need for their students to learn the fundamentals of sales. The Sales certificate equips students with basic skills necessary for a career that involves professional selling.

REQUIREMENTS FOR THE CERTIFICATE IN SALES

CERTIFICATE CORE (12 HOURS)

- MAR 3023 Basic Marketing
- MAR 3400 Professional Selling
- MAR 4333 Promotion Management
- MAR 4403 Sales Management

GPA REQUIREMENTS

A minimum grade of C (not C-) is required in each course applied to the certificate.

RESIDENCY REQUIREMENT

At least 12 hours of the required 12 credit hours must be taken in residence at USF Tampa.

OTHER REQUIREMENTS

The Sales certificate is open to non-Business majors and non-degree seeking students.

CERTIFICATE IN UNDERGRADUATE BUSINESS

TOTAL CERTIFICATE HOURS: 15

http://www.usf.edu/business/undergraduate/general/certificate.aspx

This certificate is designed to provide non-business undergraduate students with a basic understanding of the business environment, providing them with a competitive advantage when seeking employment upon graduation.
REQUIREMENTS FOR THE CERTIFICATE IN UNDERGRADUATE BUSINESS

CERTIFICATE CORE (15 HOURS)

- ACG 3074 Managerial Accounting for Non-Business Majors
- CGS 2100 Computers in Business
- FIN 3005 Fundamentals of Business Finance
- MAN 3025 Principles of Management
- MAR 3023 Basic Marketing

GPA REQUIREMENTS

A grade point average of 2.0 or better must be achieved in the certificate course work at USF and in all certificate courses completed at other institutions.

COURSE GRADE REQUIREMENT

A minimum grade of C, not C- must be achieved in the certificate course work at USF and in all certificate courses completed at other institutions.

RESIDENCY REQUIREMENT

At least 12 hours of the required 15 credit hours must be taken in residence at USF Tampa.
COLLEGE OF EDUCATION

UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

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College of Education

Contact Information

College of Education
4202 E. Fowler Avenue, EDU105
Tampa, FL 33620
(813) 974-3400
https://www.usf.edu/education/

Physical Location: The College of Education is located between Leroy Collins Blvd. to the west and Maple Drive to the east. We are located at the end of Apple Drive near the USF Library and Cooper Hall.

About the College

As the home to more than 2,200 students and 130 faculty members, the University of South Florida College of Education values high-quality education and excellence in research, teaching and learning. Our college is nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP) and our educator preparation programs are fully approved by the Florida Department of Education.

At a time when the skills and pedagogy of classroom teachers and school administrators is more important than ever, the USF College of Education offers state-of-the-art teacher training and collaborative and collegial graduate studies designed to empower educational leaders. Working closely with our partners in the school districts across the Tampa Bay region, we seek to work with our community to extend proven educational initiatives and discover new ways of preparing life-long learners in an era of increasing access to knowledge and technology.

Mission, Vision, Values

Mission

The Mission of the College of Education is to promote transformative education and social justice through rigorous research, innovative teaching, as well as locally and globally engaged partnerships.

Vision

The USF College of Education envisions itself as a leader in regional, national and international education. Leadership in education encompasses:

- Academic excellence
- Research, scholarship, and inquiry that renews the educational process
- Collaboration that serves communities, institutions, and individuals
- Preparation that builds on academic excellence, scholarship, clinical practice, and collaboration and that contributes to a just and productive society

Accreditation

The USF College of Education is proud to be nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP). CAEP accreditation is a voluntary process designed to ensure high-quality practices through a rigorous evaluation process consisting of self-evaluation, on-site accreditation evaluators and ongoing assessment.

Accredited Programs

The School Psychology Program is accredited by the American Psychological Association Committee on Accreditation, and is recognized by the National Association of School Psychologists.
Approved Programs
Approved Teacher Education Programs: Educator Preparation Programs in the College of Education are approved by the Florida Department of Education.

College-Level Requirements

Admission Requirements

Educator Preparation Programs

Follow these simple steps to complete the College of Education's undergraduate admissions process for all undergraduate educator preparation programs:

https://www.usf.edu/education/undergraduate/academic-advising/admissions-requirements.aspx

1. Submit an application to the University of South Florida.

2. Submit an application to the College of Education. (https://www.usf.edu/education/undergraduate/academic-advising/coedu-applications.aspx)

   a. Requires an overall GPA of 2.50 at the time of application
   b. Requires appropriate prerequisite coursework must be fulfilled for admission to the College of Education. Learn more by reviewing the appropriate Prerequisite Checklists (https://www.usf.edu/education/undergraduate/academic-advising/prerequisite-checklists.aspx)
   c. Requires submission of passing scores on the Florida Teacher Certification Exam's General Knowledge Test (https://www.usf.edu/education/resources-for-educators/teacher-certification/general-knowledge-test.aspx)

3. Seek advising with Student Academic Services at https://www.usf.edu/education/undergraduate/academic-advising/index.aspx

Exercise Science Program

The Exercise Science program is a limited access program. This means that enrollment is limited to a select population of students each fall semester. Students should take the following steps to be considered for the program:

1. Apply to the University of South Florida.

2. Submit a College of Education application for the Exercise Science program, including official transcripts between June 1st and July 15th for fall admission.

3. It is highly recommended students interested in this competitive program meet with an academic advisor in Student Academic Services to review detailed information on admission requirements found at the following link: https://www.usf.edu/education/undergraduate/academic-advising/coedu-applications.aspx

Program-Specific Requirements

Background Checks and Fingerprinting

All students seeking admission to teacher preparation programs will be required to undergo a background check and fingerprinting. Depending upon the outcome of the background check, students may be informed they cannot be placed in a particular school district. As each program determines the school district(s) in which to place their students, past legal history may impact a student’s ability to enter field experience and continue in an educator preparation program. Please be advised that program and/or course requirements and fingerprinting/background check procedures are subject to change per state legislative mandates, Florida State Department of Education program approval standards, accreditation criteria, and school district policy and procedures. Students can learn more about fingerprinting from Student Academic Services.

Insurance

Students are strongly encouraged to purchase liability insurance before entering any course with field experience. Student Academic Services can provide resources to students regarding coverage options.
Exercise Science Program

The Exercise Science program is a limited access program meaning that enrollment is limited to 30 students each fall semester. Selection of the 30 students is based on the following criteria:

1. An overall GPA of 2.50. This is a College of Education criterion.
2. Completion of all the following "common statewide prerequisites" for exercise science programs by the spring semester prior to fall admission with a C- or higher.
3. Students with the top 30 composite GPAs will be selected for admission into the program. A composite GPA score will be calculated for each student by adding 30 percent of the overall GPA and 70 percent of the common statewide prerequisite GPA.

Admission Criteria. Students must:

1. Apply to the University of South Florida.
2. Submit a completed application to the Exercise Science program, including official transcripts between June 1st and July 15th for fall admission.
3. Complete the Enhanced General Education requirements for the University of South Florida or for the Florida public college or university in which the student took his or her Enhanced General Education requirements.

Graduation Requirements

1. Verify you have met all the degree requirements for graduation using DegreeWorks.
2. You need to have all courses completed before applying for graduation.
   a. You need a 2.5 overall GPA (Grade Point Average).
3. Get graduation information to apply for graduation and participate in the graduation ceremonies (https://www.usf.edu/education/academics/graduation-information.aspx).
4. For more information, see https://www.usf.edu/education/undergraduate/academic-advising/graduation-requirements.aspx.

Time Limits for Coursework applied toward Graduation

The College of Education may accept professional education and specialization coursework completed at this university or at other accredited institutions as follows:
1. Courses completed within the last five years may be accepted toward graduation.
2. Courses completed over five years but less than ten years ago must have the approval of the chairperson from the department in which the equivalent course is taught.
3. Courses completed ten years ago or longer will count as elective credit only toward graduation.

Students seeking admission into the College of Education who have already taken courses in education should speak with an academic advisor in Student Academic Services to learn more about how they might apply to their degree.

Baccalaureate-Level Degree Programs

Global Pathways
https://www.usf.edu/gcp/students/index.aspx

A Global Pathway is an undergraduate major or degree program that has significant global content. Global Pathways provide students with the opportunity to practice and apply global competencies through the major or degree program. The following programs are designated as Global Pathway Programs:

   Global Studies in Education Minor

   Exceptional Student Education
   https://www.usf.edu/education/areas-of-study/exceptional-student-education/
Bachelor of Science

Early Childhood Education: Pre Kindergarten/Primary
https://www.usf.edu/education/areas-of-study/early-childhood-education/

The program embraces a pedagogy of social justice with community-engaged scholarship and active participation in linguistically, culturally, and socio-economically diverse settings. The program prepares students to acquire the skills and dispositions necessary to advocate for positive change in the lives of children, families, and communities.

Elementary Education
https://www.usf.edu/education/areas-of-study/elementary-education/

The B.S. in Elementary Education Program develops teachers who possess sound instructional practices as well as an inquiry mindset that allows teachers to differentiate instruction to enhance student learning.

English Education with ESOL Endorsement
https://www.usf.edu/education/areas-of-study/english-education/

The Bachelor of Science degree in English Education prepares students to develop content knowledge related to structures and functions of language, diverse literatures (including print and non-print texts and multimedia), adolescent literacy and writing theories and processes. This program is a joint program between the College of Education and the College of Arts and Sciences.

Social Science Education
https://www.usf.edu/education/areas-of-study/social-science-education/

The Social Science Education Program engages students with methods of inquiry and pedagogy in the social studies. Attention is given to both an interdisciplinary curriculum and to individual social disciplines including history, geography, civics and government, economics, anthropology, psychology, sociology and related fields of study.

Bachelor of Arts or Bachelor of Science

Exceptional Student Education with ESOL & Reading Endorsement
https://www.usf.edu/education/areas-of-study/exceptional-student-education/

The Exceptional Student Education program prepares teachers to work with children who have emotional and behavioral disorders, intellectual disabilities, and specific learning disabilities. The undergraduate program is a state-approved program that leads to certification in Exceptional Student Education and an endorsement in teaching English Speakers of a Second Language (ESOL).

Mathematics Education
https://www.usf.edu/education/areas-of-study/mathematics-education/

The Bachelor of Science (B.S.) in Mathematics Education is a 120 credit hour program. The program explores educational foundations, methods, and theory and practice of teaching mathematics at grades 6-12. It is designed to prepare effective teachers of middle and high school mathematics who are knowledgeable, reflective, caring, and are able to meet the needs of a diverse student population.

Physical Education
https://www.usf.edu/education/areas-of-study/physical-education/

The Bachelor of Science in Physical Education is designed for those who wish to qualify for Florida certification in teaching Physical Education for students in Kindergarten through 12th grade. This degree is a two-year program of study.

Science Education
https://www.usf.edu/education/areas-of-study/science-education/

The Bachelor of Science (B.S.) in Science Education explores educational foundations and methods to prepare educators in middle and secondary schools. It also explores the theory and practice of teaching science education. The objective is to prepare reflective and caring educators.
Minors

Foreign Language Education

The minor in Foreign Language Education is for students who are pursuing a degree in another field and who have an interest in teaching a foreign language. The courses in the minor give students a foundation in methods of teaching a foreign or second language. Completing this does not result in Florida teaching certification.

Global Studies in Education

Students pursuing a minor in Global Studies in Education will gain knowledge about the relationships between education and the increasingly globalized world and learn how to apply this knowledge within diverse fields and professional settings. This interdisciplinary minor integrates educational, sociological, and psychological perspectives.

Science of Physical Activity

Students pursuing a minor in Science of Physical Activity gain experience working with physically active individuals, and learn skills that translate to work in after-school programs, recreation environments, or fitness centers. Completing this minor does not result in Florida teaching certification.

Concentrations

A concentration is any organized set of courses that is offered as part of a major and enhances or complements the degree program to be awarded in a manner that leads to specific educational or occupational goals, and/or from different disciplines that provide an interdisciplinary focus.

MATHEMATICS EDUCATION
- Middle School Mathematics

PHYSICAL EDUCATION
- Exercise Science

SCIENCE EDUCATION
- Biology Education
- Chemistry Education
- Physics Education
Undergraduate Advising Information

Contact Information

USF College of Education
Student Academic Services (SAS)
4202 East Fowler Avenue, EDU 106
Tampa, FL 33620
Phone: 813-974-2979
https://www.usf.edu/education/undergraduate/academic-advising/index.aspx

Office Hours: Monday - Friday, 8:00 a.m. - 5:00 p.m.

The Student Academic Services (SAS) office provides academic advising to prospective students, newly admitted students, and continuing students in undergraduate and Master of Arts in Teaching programs within the College of Education. Our office is committed to serving the University of South Florida's mission, and the College of Education's mission: collaborating with our academic departments, and empowering our students to meet their academic and professional goals.

To make a face-to-face appointment with an Academic Advisor:

- If you are an accepted or currently registered student at USF, use escheduler at https://usfweb.usf.edu/escheduler/student.aspx (requires login).
- If you ARE NOT a USF student, use the advisor appointment system at https://usfweb.usf.edu/escheduler/NonStudentlogin.aspx
Early Childhood Education is a field of study that includes the teaching and learning of young children. This includes the preparation of prospective teachers through both coursework and extensive field experiences in various early childhood settings to enable them to integrate theory with teaching practices. Successful completion of this state-approved program will make the prospective teachers eligible for the Florida Early Childhood Teaching Certification Pre-Kindergarten/Primary (age 3 – grade 3). The objective of the program is to provide prospective teachers with the necessary knowledge, skills, and dispositions required to teach Pre-K through 3rd grade students, with a particular focus on understanding developmentally appropriate practice; providing inclusive, differentiated, and culturally responsive instruction; utilizing technology to enhance student learning; and demonstrating on-going professional development.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the Florida College System institution or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE MAJOR IN EARLY CHILDHOOD EDUCATION: PRE KINDERGARTEN/PRIMARY

TOTAL MAJOR HOURS: 72

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (72 HOURS)

Professional Education Core (30 credit hours):

- EDF 4124 Child Growth and Learning
- EEC 4941 Field Experience I
- EEC 4942 Field Experience II
- EEC 4943 Field Experience III
- EEC 4940 Internship: Early Childhood
- EEC 4936 Senior Seminar in Early Childhood Education
- TSL 4080 ESOL I - Curriculum and Pedagogy of ESOL
- TSL 4251 ESOL 3 - Applying Linguistics to ESOL Teaching and Testing
Specialization (42 credit hours):

- EEC 4008 Teaching Literature and Writing in Early Childhood
- EEC 4203 Programs for Young Children
- EEC 4613 Assessment and Evaluation of Young Children
- EEC 4211 Science for Young Children
- EEC 4212 Integrated Curriculum: Social Sciences/Humanities & Art
- EEC 4303 Creative and Affective Experiences for Young Children
- EEC 4307 Cognitive Experiences for Young Children
- EEC 4321 Mathematics for Young Children
- EEC 4408 Child, Family & Teacher Relations
- EEC 4604 Classroom Management and Guidance of Young Children
- EEC 4614 Current Trends and Issues in Early Childhood Education
- EEC 4706 Language and Emerging Literacy
- EEX 4201 Young Children with Special Needs
- RED 4312 Emergent Literacy Strategies and Assessment

Admission Requirements

Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx.

Requirements after Admission into the Elementary and Early Childhood Programs:

1. Maintain at least a 2.50 GPA in professional education and specialization coursework. If a student falls below 2.50 GPA he/she may be dismissed and/or may be required to meet with the departmental Professional Standards Committee.
2. Receive a grade of C- or higher in all required courses to progress to the following semester or he/she may be dismissed and/or required to meet with departmental Professional Standards Committee.
3. Pay for costs in addition to tuition, fees, and books such as:
   - Chalk and Wire access codes that are purchased at the bookstore
   - Transportation to and from school sites required in courses and internships
   - Criminal background checks and fingerprinting for internships
   - Assignments in some classes (e.g., printing/binding of group project reports, academic and professional portfolio, digital recording equipment, etc.)

Early Childhood with ESOL Endorsement

Students may complete a state-approved program to be eligible for licensure in Early Childhood Education Pre-Kindergarten/Primary (age 3 - Grade 3). The current program of studies includes both coursework and extensive field experiences in early childhood settings to enable students to integrate theory with teaching practice. Graduation is dependent upon successful completion of the required courses, associated internships, and critical tasks demonstrating the Florida Educator Accomplished Practices. Early Childhood majors will be eligible for certification in Pre-Kindergarten/Primary (age 3 - Grade 3). Students must pass all Chalk and Wire assignments and upload every assignment to their Chalk and Wire account in order to graduate from the program.

The College of Education offers a full ESOL Endorsement for all Early Childhood Education major graduates. The special requirements for ESOL endorsement through infusion are as follows:
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1. Successful completion of TSL 4080 and TSL 4251, with a minimum grade of 70 percent or better on all sections of the ESOL Comprehensive Exam administered in the two ESOL courses;

2. Successful completion of a 20-hour early ESOL field experience in TSL 4080;

3. Successful completion of a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and

4. Successful completion of all Chalk and Wire assignments as required, including from the two ESOL courses and the ESOL-infused classes.

GPA REQUIREMENTS

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

COURSE GRADE REQUIREMENT

Students must earn a C- or higher in all upper-level courses in the major.

RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

All students will enroll in multiple clinical experiences throughout the program which will provide them with the opportunity to engage in the practice of teaching.

ADVISING INFORMATION

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at http://www.usf.edu/education/advising/undergraduate/.

EARLY CHILDHOOD EDUCATION: PRE KINDERGARTEN/PRIMARY FACULTY

Chairpersons: M. Berson, J. Schneider; Professors: I. Berson, Associate Professors: J. Blank, S. Han; Affiliate Faculty: V. Damjanovic.

B.S. - ELEMENTARY EDUCATION (BEE)

(CIP = 13.1202)

TOTAL DEGREE HOURS: 120

http://www.coedu.usf.edu/main/departments/ce/elementary_education/bachelors.php

This program is designed for students who wish to pursue a career as an elementary classroom teacher. The program of study includes both coursework and extensive field experience in elementary school settings to enable the students to integrate theory with teaching practice.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession (3)

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the Florida College System institution or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

**REQUIREMENTS FOR THE MAJOR IN ELEMENTARY EDUCATION**

**TOTAL MAJOR HOURS: 75**

**MAJOR REQUIREMENTS FOR THE B.S. DEGREE:**

**MAJOR CORE (75 HOURS)**

Professional Education (45 credit hours):

- EDP 3273 Learning and Development within a School Context
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- TSL 4080 ESOL 1 - Curriculum and Pedagogy of ESOL
- TSL 4081 ESOL 2 - Literacy Development in English Language Learners
- TSL 4251 ESOL 3 - Applying Linguistics to ESOL Teaching and Testing
- EDE 4941 Childhood Education Internship Level I
- EDE 4942 Childhood Education Internship Level II
- EDE 4943 Alternative Setting Field Experience
- EDE 4944 Childhood Education Internship Level III
- EDE 4940 Internship: Elementary Education
- EDE 4802 The Teacher as Researcher

Specialization (30 credit hours):

- EDE 4301 Instructional Planning for Diverse Learners
- EDE 4504 Creating and Differentiating Learning Environments
- LAE 4311 Teaching Print and Multimodal Texts in Elementary Education
- LAE 4424 Teaching Children’s Literature
- MAE 4310 Teaching Elementary School (K-6) Mathematics I
- MAE 4326 Teaching Elementary School (K-6) Mathematics II
- RED 4312 Emergent Literacy Strategies and Assessment
- RED 4724 Intermediate Literacy Strategies and Assessment I
- SCE 4310 Teaching Elementary School Science
- SSE 4313 Teaching Elementary (K-6) Social Studies

Zero-Credit Hour Undergraduate Research Experience:

- IDS 2912 Undergraduate Research Experience
- IDS 4914 Advanced Undergraduate Research Experience

**Admission Requirements**

Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx;

4. Submit an application to Student Academic Services, EDU 106, 813-974-2979. Applications can be found at http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx.

Requirements after Admission into the Elementary and Early Childhood Programs:

1. Maintain at least a 2.50 GPA in professional education and specialization coursework. If a student falls below 2.50 GPA he/she may be dismissed and/or may be required to meet with the departmental Professional Standards Committee.

2. Receive a grade of C- or higher in all required courses to progress to the following semester or he/she may be dismissed and/or required to meet with departmental Professional Standards Committee.

3. Pay for costs in addition to tuition, fees, and books such as:
   - Chalk and Wire access codes that are purchased at the bookstore
   - Transportation to and from school sites required in courses and internships
   - Criminal background checks and fingerprinting for internships
   - Assignments in some classes (e.g., printing/binding of group project reports, academic and professional portfolio, digital recording equipment, etc.)

Elementary Education with ESOL Endorsement

Students may complete a state-approved program to be eligible for certification in Elementary Education (Grades K-6). Degree and certification requirements are subject to change in accordance with state mandates. The current program of studies includes both coursework and extensive field experience in elementary school settings to enable students to integrate theory with teaching practice. All elementary education students are required to demonstrate the Accomplished Practices (APs) through core assignments in courses and internships that are submitted to the Chalk and Wire electronic portfolio system. Students must pass all Chalk and Wire assignments and upload every assignment to their Chalk and Wire account in order to graduate from the program.

The College of Education offers a full ESOL Endorsement for all Elementary Education major graduates. The special requirements for ESOL endorsement through infusion are as follows:

1. Successful completion of TSL 4080, TSL 4081 and TSL 4251, with a minimum grade of 70 percent or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses;

2. Successful completion of a 20-hour early ESOL field experience in TSL 4080;

3. Successful completion of a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and

4. Successful completion of all Chalk and Wire assignments as required, including from the three ESOL courses and the ESOL-infused classes.

GPA REQUIREMENTS

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

COURSE GRADE REQUIREMENT

Students must earn a C- or higher in all upper-level courses in the major.

RESEARCH OPPORTUNITIES

Preservice teachers engage in practitioner research or systematic study of their practice, each semester in the elementary education program. In spring of the junior year they are enrolled in IDS 2912 Undergraduate Research Experience and in spring of their senior year they are enrolled in IDS 4914 Advanced Undergraduate Research Experience.
INTERNET OPPORTUNITIES

All students will enroll in multiple clinical experiences throughout the program which will provide them with the opportunity to engage in the practice of teaching.

ADVISING INFORMATION

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at http://www.usf.edu/education/advising/undergraduate/.

ELEMENTARY EDUCATION FACULTY

Co-Chairperson: J. Schneider and M. Berson; Associate Professors: R. Burns, D. Dennis, J. Jacobs Assistant Professor: S. van Ingen; Instructors: M. Krause, R. Latzke, K. Tricarico.

B.S. - ENGLISH EDUCATION WITH ESOL ENDORSEMENT (BEN)

(CIP = 13.1305)

TOTAL DEGREE HOURS: 120

http://www.coedu.usf.edu/main/departments/seced/English/Englishhome.html

The English Education Program is designed to prepare students to develop content knowledge related to structures and functions of language, diverse literatures (including print and non-print texts and multimedia), adolescent literacy and writing theories and processes. This program is a joint program between the College of Education and the College of Arts and Sciences. Students will learn pedagogical content knowledge, including how to select English Language Arts curriculum, how to implement instructional practices like discussion and peer review, how to assess student compositions and how to reflect on their pedagogical practices.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession (3)
- SPC X017 or SPC X608 Public Speaking (3)
- ENG X101*** (3)
- ENG X102*** (3)
- LIT XXXX or AML XXXX or ENL XXXX (3)

***ENC X101 and ENC X102 or equivalent composition.

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the Florida College System institution or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.
REQUIREMENTS FOR THE MAJOR IN ENGLISH EDUCATION WITH ESOL ENDORSEMENT

TOTAL MAJOR HOURS: 68

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (68 HOURS)

Professional Education:

- EDF 3604 Schools and Society
- EDF 3214 Human Development and Learning
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- FLE 4317 Teaching Students with Limited English Proficiency
- FLE 4316 Language Principles and Acquisition
- RED 4335 Teaching Reading in Secondary English Curriculum
- ESE 4322 Classroom Management for Diverse School and Society

Specialization:

- ENC 3310 Expository Writing

One of the following:

- LAE 4469 Teaching World Literature to Middle and Secondary Students
- LIT 3103 Great Literature of the World
- WST 4410 Postcolonial Women Writers

One of the following:

- AML 3031 American Literature from the Beginnings to 1860
- AML 3032 American Literature from 1860 to 1912
- AML 3051 American Literature from 1912 to 1945

One of the following:

- ENL 3015 British Literature to 1616
- ENL 3230 British Literature 1616-1780
- ENL 3251 British Literature 1780-1900
- ENL 3273 British Literature 1900-1945

One of the following:

- LIT 3383 The Image of Women in Literature
- LIT 4386 British and American Literature by Women

One of the following:

- ENG 4060 History of the English Language
- LIN 3010 Introduction to Linguistics

One of the following:

- LIN 2670 English Grammar and Usage
- LIN 4671 Traditional English Grammar
- LIN 4680 Structure of American English

Additional Specialization:

- LAE 4323 Methods of Teaching English: Middle School (Fall Semester Only)
- LAE 4335 Methods of Teaching English: High School (Spring Semester Only)
- LAE 4464 Adolescent Literature for Middle and Secondary Students
- LAE 4530 Methods of Teaching English: Practicum (Fall Semester Only)
- LAE 4936 Senior Seminar in English Education
• **LAE 4940** Internship: English Education

**Admission Requirements**

Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at [http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx](http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx);
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at [http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx](http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx).

**Recommended Courses:**

- Literature Course (3 hours) - select from LIT, AML, ENL *(LIT 2000 or ENL 3334 recommended)*
- English Electives (9 hours) - to include advanced composition and mediacy *(CRW 2100 or CRW X111 and MMC 2100 or ENC X310 and LIT X301 recommended)*

In addition to the courses listed, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

The College of Education offers a full ESOL Endorsement for all English Education major graduates. The special requirements for ESOL endorsement through infusion are as follows:

**Successful completion of:**

- **FLE 4317** and **FLE 4316** with a minimum grade of 70 percent or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses;
- A 20-hour early ESOL field experience in **FLE 4317**;
- A late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days;
- An ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

**GPA REQUIREMENTS**

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

**COURSE GRADE REQUIREMENT**

Students must earn a C- or higher in all upper-level courses in the major.

**RESEARCH OPPORTUNITIES**

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

**INTERNSHIP OPPORTUNITIES**

All students will enroll in multiple clinical experiences throughout the program which will provide them with the opportunity to engage in the practice of teaching.
ADVISING INFORMATION

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at http://www.usf.edu/education/advising/undergraduate/.

ENGLISH EDUCATION WITH ESOL ENDORSEMENT FACULTY

Chairpersons: M. Berson, J. Schneider; Professor: J.F. Kaywell; Emeritus Professor: J.H. Applegate; Associate Professor: P. Daniel; Assistant Professor: M. Sherry.

B.A. OR B.S. - EXCEPTIONAL STUDENT EDUCATION WITH ESOL & READING ENDORSEMENT (BEX)

(CIP = 13.1001)
TOTAL DEGREE HOURS: 120
http://www.coedu.usf.edu/main/departments/sped/Bachelor/BADegree.html

Certified Global Pathway Program

The undergraduate program is a state-approved program that leads to certification in Exceptional Student Education (ESE).

This program has been certified as a Global Pathway. Global Pathway programs have significant global content and align with the goals of USF’s Quality Enhancement Plan, the Global Citizens Project. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession (3)

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE MAJOR IN EXCEPTIONAL STUDENT EDUCATION WITH ESOL & READING ENDORSEMENT

TOTAL MAJOR HOURS: 66

MAJOR REQUIREMENTS FOR THE B.A. OR B.S. DEGREE:

MAJOR CORE (66 HOURS)

Professional Education Core (27 credit hours):

- EEX 4942 Practicum in Exceptional Student Education
Exceptional Student Education Core (39 credit hours):

Students seeking the B.S. degree with certification in Exceptional Student Education are required to take the following courses:

- EEX 4202 Context and Foundations
- EEX 4240 Beginning to Teach
- EEX 4241 Creating Effective Learning Environments
- EEX 4242 Enhancing Expertise in Teaching and Instructional Decision Making
- EEX 4244 Becoming a Special Education Teacher
- EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues
- LAE 4311 Teaching Print and Multimodal Texts in Elementary Education
- MAE 4310 Teaching Elementary School (K-6) Mathematics I
- RED 4312 Emergent Literacy Strategies and Assessments
- RED 4724 Intermediate Literacy Strategies and Assessments I

Admission Requirements

Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx.

The College of Education offers a full ESOL Endorsement for all Special Education major graduates. The special requirements for ESOL endorsement through infusion are as follows:

Successful completion of:

- FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses;
- A 20-hour early ESOL field experience in FLE 4317;
- A late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a 10 days; and
- An ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

The special education requirements for the Reading Endorsement through infusion are as follows:

- Completion of specialized courses with a grade of C or S;
- Completion of RED 4312, RED 4724, and LAE 4311 with a grade of C;
- A 60 hour field experience with a grade of S where students demonstrate application of all reading competencies, and
A Reading Endorsement binder containing the Demonstration of Accomplishment Documentation Form and supporting artifacts.

Students are required to meet University and College of Education entrance requirements prior to enrollment in the Department. Upon admission, students affiliate with the campus on which they wish to take their program of studies. Students may not register for courses on other campuses without permission. For USF Tampa, students are assigned to cohorts. All courses are taken with the assigned cohort. The program sequence includes four semesters of part-time field experience and one semester of full-time internship. All part-time field experiences must be successfully completed as a member of a cohort concurrently enrolled in linked specified courses in designated local schools. Final internships are assigned only to designated school districts where partnerships exist. Field experiences begin during the first semester of a student’s enrollment with increasing involvement throughout the program. Students are responsible for providing transportation to their field-experience sites. Cohorts are seated in the fall semester of each year.

**GPA REQUIREMENTS**

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

**COURSE GRADE REQUIREMENT**

Students must earn a C- or higher in all upper-level courses in the major.

**GRADING REQUIREMENT**

Students must complete all required courses with a grade of C or better and successfully complete program key assessments in order to progress to the next semester.

**RESEARCH OPPORTUNITIES**

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

**INTERNSHIP OPPORTUNITIES**

All students will enroll in multiple clinical experiences throughout the program which will provide them with the opportunity to engage in the practice of teaching.

**OTHER INFORMATION**

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

**ADVISING INFORMATION**

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at [http://www.usf.edu/education/advising/undergraduate/](http://www.usf.edu/education/advising/undergraduate/).

**EXCEPTIONAL STUDENT EDUCATION WITH ESOL & READING ENDORSEMENT FACULTY**

B.A. OR B.S. - MATHEMATICS EDUCATION (BMA)
(CIP = 13.1311 - TRACK 1 OF 2)
TOTAL DEGREE HOURS: 120

http://www.coedu.usf.edu/main/departments/seced/Math/Math.htm

The Bachelors in Mathematics Education program explores educational foundations, methods, and theory and practice of teaching mathematics at grades 6-12. This program is designed to prepare effective teachers of middle and high school mathematics who are knowledgeable, reflective, caring, and are able to meet the needs of a diverse student population.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession
- MAC X311 Calculus I
- MAC X312 Calculus II
- MAC XXXX or MTG XXXX or MAS XXXX Mathematics Electives

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE MAJOR IN MATHEMATICS EDUCATION

TOTAL MAJOR HOURS: 70

MAJOR REQUIREMENTS FOR THE B.A. OR B.S. DEGREE:

MAJOR CORE (70 HOURS)

Professional Education (18 credit hours):

- EDF 3214 Human Development and Learning
- EDF 3604 Schools and Society
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- TSL 4324 ESOL Competencies and Strategies
- ESE 4322 Classroom Management for Diverse School and Society

Specialization (25 credit hours):

- MAC 2313 Calculus III
- MAD 3107 Discrete Mathematics
- MAS 3105 Linear Algebra or MAS 4301 Elementary Abstract Algebra
- MAS 4214 Elementary Number Theory
- MGF 3301 Bridge to Abstract Mathematics
- MHF 4403 The History of Mathematics Education
Additional Specialization (27 credit hours):
- MAE 4320 Teaching Mathematics in the Middle Grades
- MAE 4330 Teaching Senior High School Mathematics
- MAE 4551 Reading the Language of Mathematics
- MAE 4652 Technology for Teaching Secondary School Mathematics
- MAE 4945 Practicum in Mathematics Education
- MAE 4940 Internship: Mathematics Education
- MAE 4936 Senior Seminar in Mathematics Education

Admission Requirements
Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:
1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx.

GPA REQUIREMENTS
Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major, including Core and Specialization courses.

COURSE GRADE REQUIREMENT
Students must earn a C- or higher in all upper-level courses in the major.

RESIDENCY REQUIREMENT
A student must complete 32 hours of major coursework at USF Tampa to meet residency requirements.

RESEARCH OPPORTUNITIES
All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript.

INTERNERSHIP OPPORTUNITIES
Students enrolled in courses requiring field experience (MAE 4945 Practicum in Mathematics Education and MAE 4940 Internship: Mathematics Education) are required to undergo a background check and fingerprinting.

ADVISING INFORMATION
Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at http://www.usf.edu/education/advising/undergraduate/.

MATHEMATICS EDUCATION FACULTY
Chairpersons: M. Berson, J. Schneider; Assistant Professors: R. Sears, E. Vomvoridi-Ivanovic.
MIDDLE SCHOOL MATHEMATICS (BMM) CONCENTRATION
(CIP = 13.1311)
TOTAL DEGREE HOURS: 120

This program is part of the Helios STEM Middle School Teacher Residency Program in the Department of Secondary Education. Collaboratively developed with Hillsborough County Public Schools (HCPS), this program is designed to prepare effective teachers of middle grades mathematics who are able to meet the needs of a diverse student population. This program includes extensive field experiences, including a yearlong residency using a co-teach model with a HCPS teacher. Program graduates will be eligible for certification in Middle Grades Mathematics 5-9.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession
- MAC X311 Calculus I
- MAC XXXX (four credit hours)

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE CONCENTRATION IN MIDDLE SCHOOL MATHEMATICS

TOTAL MAJOR HOURS: 64

MAJOR REQUIREMENTS FOR THE B.A. OR B.S. DEGREE:

MAJOR CORE - 18 HOURS

Professional Education Courses (18 hours):

- EDF 3214 Human Development and Learning
- EDF 3604 Schools and Society
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- TSL 4324 ESOL Competencies and Strategies
- ESE 4322 Classroom Management for Diverse School and Society

MAJOR CORE (46 HOURS)

The STEM Middle School Mathematics program is a cohort, residency program.

Concentration Courses (46 hours):

- EDM 3403 Middle Level Education
- EDM 3620 Teaching the Young Adolescent Learner
COLLEGE OF EDUCATION

UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

- EDM 4406 Contemporary Issues in STEM Education
- MAE 3224 Middle School Mathematics Methods Course 1
- MAE 3225 Middle School Mathematics Methods Course 2
- MAE 3941 Practicum I: Middle School Mathematics Education
- MAE 3942 Practicum II: Middle School Mathematics Education
- MAE 4551 Reading the Language of Mathematics
- MAE 4941 Internship I: Middle School Mathematics Education
- MAE 4942 Internship II: Middle School Mathematics Education
- MAS 3108 Algebra Connections
- MAS 3205 Number Concepts Connections
- MTG 3207 Geometry Connections
- STA 3027 Statistics and Probability Connections

In addition to the courses listed, students must complete "Preliminary Requirements for Students entering Teacher Education Programs (see statement under main college heading)."

GPA REQUIREMENTS

Students must maintain an overall GPA of 2.5 to continue to the next term. In addition, students in educator preparation programs must also earn a minimum 2.5 GPA in their professional core and specialization coursework to continue to the next term.

GRADING REQUIREMENT

Students are required to earn a C- or higher in all upper-level major coursework.

RESIDENCY REQUIREMENT

A student must complete 32 hours of major coursework at USF Tampa to meet residency requirements.

INTERNSHIP OPPORTUNITIES

Students enrolled in courses requiring field experience (Practicum & internship courses) are required to undergo a background check and fingerprinting.

MATHEMATICS EDUCATION FACULTY

Associate Professor: C. Ellerbrock; Assistant Professors: R. Sears, E. Vomvori-Ivanovic.

B.A. OR B.S. - PHYSICAL EDUCATION (PET)

(CIP = 13.1314 - TRACK 1 OF 2)
TOTAL DEGREE HOURS: 120

http://www.coedu.usf.edu/main/departments/physed/programs/progPe.html

Physical Education includes the study of kinesiology, physical skill development, pedagogy, coaching, curriculum development and assessment, and administration of physical activity programs. The Physical Education major offers students extensive preparation in theory and methodology courses leading to K-12 teaching certification. The Physical Education Program also offers a minor in the Science of Physical Activity.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.
Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession
- BSC X085
- BSC X086 or PET X622
- Conditioning, Fitness and Wellness Course in Physical Education Activities
- Skill Development Courses in Physical Activities

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE MAJOR IN PHYSICAL EDUCATION

TOTAL MAJOR HOURS: 71

MAJOR REQUIREMENTS FOR THE B.A. OR B.S. DEGREE:

MAJOR CORE (71 HOURS)

- EDF 3122 Learning and the Developing Child or EDF 4131 Learning and the Developing Adolescent
- TSL 4324 ESOL Competencies and Strategies
- PET 4321 Curriculum and Instruction in Physical Education
- PET 4432 Instructional Design & Content: Physical Education Elementary I
- PET 4433 Instructional Design & Content: Physical Education Elementary II
- PET 4942 Physical Education Pre-Internship: Elementary
- EDF 3604 Schools and Society
- PET 4510 Measurement and Evaluation in Physical Education
- PET 3031 Motor Behavior
- PET 3441 Instructional Design & Content: Middle School Physical Education
- PET 4742 Secondary PE Methods: Physical Activity & Fitness Opportunities
- RED 4312 Emergent Literacy Strategies and Assessment
- PET 3640 Adapted Physical Education
- PET 4765 Scientific Principles of Athletic Coaching
- PET 4820 Sport Skill Proficiency
- PET 4380 Applied Exercise Science
- PET 4401 Class Management, Safety, Ethics, Law and Organization and Administration of Physical Education
- PET 4442 Instructional Design & Content: Physical Education Secondary
- PET 4944 Physical Education Pre-Internship: Secondary
- PET 4946 Internship in Physical Education: Elementary
- PET 4947 Internship in Physical Education: Secondary
- PET 4929 Senior Seminar in Physical Education

Admission Requirements

Students seeking admission to this program must meet the following Department of Education’s Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx.
Requirements for the B.S. Degree in Physical Education

Physical Education is a two-year program that includes mandatory attendance during the summer session between the first and second years. The Physical Education program only admits students in the Fall Semester of each year. Students proceed through the program in cohorts and are required to complete all required courses each semester with a grade of "C-" or better in order to progress to the next semester. Students who do not complete the requirements will be dismissed from the program and may reapply for the next cohort.

The Physical Education program is a full-time program. Students must be available for classes from 8:00 am - 5:00 pm, Monday through Friday each semester. Additional time commitments may be necessary for course work in the evenings.

Requirements after Admission:

Students accepted into the physical education program must meet the following additional requirements:

1. Sign an agreement to abide by the standards set forth in the College of Education Professional Disposition and Ethical Standards Policy and Procedures document.
2. Pay for costs in addition to tuition, fees, and books such as:
   - Attendance at the state professional organization conference (minimally 1 year)
   - Student membership in the state physical education professional organization
   - Transportation to and from school sites required in courses and internships
   - Physical Education Teacher Education uniform for internships
   - Criminal background checks and finger printing for internships
   - Assignments in some classes (e.g., printing/binding of group project reports, academic and professional portfolio, professional file, etc.)
   - Electronic assignment portfolio throughout program
3. Complete professional development plans throughout the program.
4. Complete and pass individual development plans in identified skill areas during the program.

GPA REQUIREMENTS

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

GRADING REQUIREMENT

Receive a grade of C- or higher in all required courses and maintain a 2.5 overall GPA and a 2.5 Core and Specialization GPA to be eligible to intern and graduate.

RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

- **PET 4942** Physical Education Pre-Internship: Elementary
- **PET 4944** Physical Education Pre-Internship: Secondary
- **PET 4946** Internship in Physical Education: Elementary
- **PET 4947** Internship in Physical Education: Secondary
Physical Education students will complete four clinical experiences. The final internship consists of two courses, each of 7 weeks. One will be performed at the elementary level and one at the middle or high school level. Passing grades in internship will only be possible if all sections of the Florida Teacher Certification Exam are taken and passed prior to graduation.

OTHER INFORMATION

Physical Education Elective Program

Physical Education elective offerings are designed to provide opportunities for all students in the University to acquire knowledge and movement skills related to an active healthy lifestyle. Laboratory experiences in over twenty-five different exercise and sports activities allow students to select and develop proficiency appropriate for leisure pursuit and personal development. Special competency courses provide for in-depth study in such areas as personal wellness, current issues in sports, and first aid.

ADVISING INFORMATION

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at http://www.usf.edu/education/advising/undergraduate/.

PHYSICAL EDUCATION FACULTY

Chairpersons: M. Berson, J. Schneider; Professors: F.N. Faucette, S. Sanders, M.J. Stewart; Associate Professor: H.B. Sun; Assistant Professors: S. Flory, L. Witherspoon.

EXERCISE SCIENCE (BPW) CONCENTRATION

(CIP = 13.1314 TRACK 2 OF 2)
TOTAL DEGREE HOURS: 120

http://www.coedu.usf.edu/main/departments/physed/programs/progEs.html

Exercise Science includes study of the biological and behavioral aspects of exercise, fitness assessment and exercise prescription, behavior modification, and the clinical aspects of exercise. The Exercise Science program integrates classroom study with hands-on practical experiences. The Exercise Science major qualifies students for professional certifications such as ACSM's Certified Health Fitness Specialist, and NSCA's Certified Strength and Conditioning Specialist, and to pursue positions in worksite health promotion, strength and conditioning, clinical rehabilitation, personal fitness training, and sport performance. Students who successfully complete the undergraduate Exercise Science Major earn a B.S. degree in Physical Education with a concentration in Exercise Science. The Exercise Science program prepares students for a variety of entry level positions in the exercise science field. See our website (http://www.coedu.usf.edu/main/departments/physed/programs/progEs.html) for the types of jobs and job settings available as well as other important information. Successful completion of the program qualifies students for national professional certifications such as ACSM's Certified Health Fitness Specialist (HFS) and the National Strength and Conditioning Association's (NSCA's) Certified Strength and Conditioning Specialist (CSCS).

LIMITED ACCESS

THIS CONCENTRATION HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

The exercise science program is a limited access program meaning that enrollment is limited to 30 students each fall semester. Selection of the 30 students is based on the following criteria:

1. An overall GPA of 2.50. This is a College of Education criterion.

2. Completion of all the following "common statewide prerequisites" for exercise science programs by the spring semester prior to fall admission with a C- or higher.

3. Students with the top 30 composite GPAs will be selected for admission into the program. A composite GPA score will be calculated for each student by adding 30 percent of the overall GPA and 70 percent of the common statewide prerequisite GPA.
Admission Criteria:

Students must:

1. Apply to the University of South Florida.
2. Submit a completed application to the Exercise Science program, including official transcripts between June 1st and July 15th for fall admission.
3. Complete the General Education requirements for the University of South Florida or for the Florida public college or university in which the student took his or her General Education requirements.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- CHM X045/X045L or CHM X030 or CHM X045C
- HUN X201 or HUN X577 or HSC X100
- BSC X085/X085L or PET X322/X322L or BSC X093/X093L or APK X100C or BSC X085C or PET X322C or BSC X093C
- SPC X608 or AEE X030C
- APX 105C or BSC X086/X086L or PET X323/X323L or BSC X094/X094L
- STA X023 or STA X030 or MAC X147
- MAC X105 or MAC X140 or MAC X147 or MAC X311

REQUIREMENTS FOR THE CONCENTRATION IN EXERCISE SCIENCE

TOTAL MAJOR HOURS: 60

MAJOR REQUIREMENTS FOR THE B.A. OR B.S. DEGREE:

MAJOR CORE (57 HOURS)

- APK 3120 Exercise Physiology
- PET 3211 Stress Management
- PET 3314 Professional Development Seminar
- PET 4219 Exercise Psychology
- PET 3361 Nutrition for Fitness and Sport
- PET 3312 Biomechanics
- PET 3384 Exercise Testing and Prescription
- PET 4402 Planning and Evaluating Fitness/Wellness Program
- PET 3404 Emergency Response and Planning
- PET 3076 Fitness Across the Lifespan
- PET 4093 Strength and Conditioning
- PET 3364 Physical Activity Epidemiology
- PET 4413 Administration of Fitness/Wellness Centers
- PET 4550 Clinical Exercise Testing and Prescription
- PET 3713 Theory and Practice of Teaching Group Exercise
- PET 4088 Individualized Fitness/Wellness Programming
MAJOR ELECTIVES (3 HOURS)

- PET XXXX Elective of student’s choice

The exercise science program is a full-time program. Students must be available for classes from 8:00 am – 5:00 pm, Monday through Thursday each semester. Additional time commitments may be necessary for course work such as PET 3940 (Practicum) and PET 4941 (Internship).

The following are "recommended" prerequisite courses and the grades in these courses will not be used to calculate the "common statewide prerequisite" GPA for admission.

1. PEM 2131 Weight Training (2)
2. HLP 2081 Personal Wellness (3)

NOTE: Though no computer course is recommended, students need to possess excellent computer skills, e.g., MS applications.

Requirements after Admission:

By August 1st, students will be informed if they have been accepted into the program. Students accepted into the program must inform the College of Education advising office by August 15th that they will or will not be enrolling in fall classes. Once admitted, students will need to meet the following requirements:

1. Complete an online College of Education Orientation and attend an Exercise Science Orientation on Wednesday morning of the week prior to the beginning of the fall semester.
2. Sign an agreement to abide by the standards set forth in the School of Physical Education & Exercise Science Student Handbook on Professional Behavior and Ethical Conduct.
3. Pay for costs in addition to tuition, fees, and books such as:
   - Material and supply fee for PET 3384
   - Student membership for the Exercise Science student organization
   - Professional liability insurance
   - Student membership in at least one professional organization
   - Transportation to and from field experiences required in courses including the practicum and internship
   - Possible requirements of practicum/internship sites such as health/medical exam, immunizations/vaccines, criminal background check, finger printing, drug/alcohol screening, personal health insurance, uniforms, and parking
   - Possible costs associated with obtaining physician clearance (e.g., medical exam and/or tests) prior to participation in physical activity/exercise. Students complete a Pre-Activity Screening Questionnaire (PASQ) based on American College of Sports Medicine guidelines to determine if physician clearance is needed.
   - Assignments in some classes (e.g., printing/binding of group project reports, academic and professional portfolio, etc.)
4. Receive a grade of C- or higher in all required courses and maintain a 2.5 GPA (overall and in major) in order to progress to the next semester.
5. Complete 10 hours of volunteer community service for a non-profit health care organization.

GPA REQUIREMENTS

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework.

COURSE GRADE REQUIREMENT

Students must earn a C- or higher in every upper-level course in the major.
INTERNSHIP OPPORTUNITIES

Students will enroll in an internship experience as part of their major coursework.

OTHER INFORMATION

Physical Education Elective Program

Physical Education elective offerings are designed to provide opportunities for all students in the University to acquire knowledge and movement skills related to an active healthy lifestyle. Laboratory experiences in over twenty-five different exercise and sports activities allow students to select and develop proficiency appropriate for leisure pursuit and personal development. Special competency courses provide for in-depth study in such areas as personal wellness, current issues in sports, and first aid.

ADVISING INFORMATION

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at http://www.usf.edu/education/advising/undergraduate/.

PHYSICAL EDUCATION FACULTY

Program Coordinator: C. Ashley; Professor: J. Eickhoff-Shemek; Associate Professor: B. Campbell, M. Kilpatrick.

B.A. OR B.S. - SCIENCE EDUCATION (SCE)

(CIP = 13.1316)
TOTAL DEGREE HOURS: 120


Science Education explores educational foundations and methods to prepare educators in middle and secondary schools. It also explores the theory and practice of teaching science education. The objective is to prepare reflective and caring educators for a career in middle and high schools.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

All Programs (Biology, Chemistry, and Physics):

- EDF X005 Introduction to the Teaching Profession (3)

Other State Mandated Program Prerequisites:

- For Biology Teacher Education
  - Biology I and II with Labs:
    - (BSC X010/X010L and BSC X011/X011L) or (BSC X010C and BSC X011C) (8)
  - Chemistry with Lab or Physics with Lab (Select two of the following options):
    - CHM X045/X045L or PHY X048/X048L or CHM X045C or PHY X048C or PHY X053/X053L or CHM X046/X046L or PHY X049/X049L or PHY X054/X054L or CHM X046C or PHY X049C (8)
Calculus I:
- MAC X311 Calculus I or MAC X241 (4)

For Chemistry Teacher Education
- Chemistry with Lab:
  - CHM X045/X045L and CHM X046/X046L (8)
- Physics with Lab:
  - (PHY X048/X048L and PHY X049/X049L) or (PHY X053/X053L and PHY X054/X054L) or (PHY X048C and PHY X049C) or (PHY X053C and PHY X054C) (8)
- Calculus I:
  - MAC X311 Calculus I (4)

For Physics Teacher Education
- Physics with Lab:
  - (PHY X048/X048L and PHY X049/X049L) or (PHY X048C and PHY X049C) (10)
- Chemistry with Lab:
  - (CHM X045/X045L and CHM X046/X046L) or (CHM X045C and CHM X046C) (8)
- Calculus:
  - MAC X311 and MAC X312 and MAC X313 (12)

A minimum of 6 semester hours with an international or diversity focus is required.

Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE MAJOR IN SCIENCE EDUCATION

TOTAL MAJOR HOURS: 32

MAJOR REQUIREMENTS FOR THE B.A. OR B.S. DEGREE:

MAJOR CORE (32 HOURS)

Professional Education Core for all Science Education Concentrations
- EDF 3214 Human Development and Learning
- EDF 3604 Schools and Society
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- ESE 4322 Classroom Management for Diverse Schools and Society
- SCE 4936 Senior Seminar in Science Education
- SCE 4940 Internship: Science Education
- SCE 4945 Practicum in Secondary Science Education
- TSL 4324 ESOL Competencies and Strategies

In addition to the courses listed, students must complete “Preliminary Requirements for Students Entering Teacher Education Programs.”

GPA REQUIREMENTS

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

COURSE GRADE REQUIREMENT

Students must earn a C- or higher in all upper-level courses in the major.
RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

All students will enroll in multiple clinical experiences throughout the program which will provide them with the opportunity to engage in the practice of teaching.

ADVISING INFORMATION

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at http://www.usf.edu/education/advising/undergraduate/.

SCIENCE EDUCATION FACULTY


BIOLOGY EDUCATION (BSB) CONCENTRATION

REQUIREMENTS FOR THE CONCENTRATION IN BIOLOGY EDUCATION

TOTAL CONCENTRATION HOURS: 58

CONCENTRATION CORE (26 HOURS)

Required Supporting Courses for the Concentration (16 credit hours)

The following courses are prerequisites and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student's final semester.

- BSC 2010 and BSC 2010L Cellular Processes and Laboratory
- BSC 2011 and BSC 2011L Biodiversity and Laboratory
- CHM 2045 and CHM 2045L General Chemistry I and Laboratory or PHY 2048 and PHY 2048L General Physics I - Calculus Based and Laboratory or PHY 2053/PHY 2053L
- Calculus I: MAC 2241 or MAC 2311 or MAC 2281

Students must receive a C- or better to meet the major requirements.

Specialization Courses (14 credit hours):

- PCB 3023 Cell Biology
- PCB 3023L Cell Biology Laboratory
- PCB 3043 Principles of Ecology
- PCB 3043L Principles of Ecology Laboratory
- PCB 3063 General Genetics
- PCB 4674 Organic Evolution

Teaching Method Courses (12 credit hours):

- SCE 4305 Communication Skills in the Science Classroom
- SCE 4320 Teaching Methods in Middle Grades Science I
- SCE 4330 Methods of Secondary Science Education
- SCE 4863 Science, Technology, Society Interaction
Admission Requirements

Admission to an educator preparation program is contingent upon meeting the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx.

CHEMISTRY EDUCATION (BSC) CONCENTRATION
(CIP = 13.1316)

REQUIREMENTS FOR THE CONCENTRATION IN CHEMISTRY EDUCATION

TOTAL CONCENTRATION HOURS: 60

CONCENTRATION CORE (28 HOURS)

Required Supporting Courses for the Concentration (28 credit hours)

The following courses are prerequisites and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- **BSC 2010** and **BSC 2010L** Cellular Processes and Laboratory
- **BSC 2011** and **BSC 2011L** Biodiversity and Laboratory
- **CHM 2045** and **CHM 2045L** General Chemistry I and Laboratory
- **CHM 2046** and **CHM 2046L** General Chemistry II and Laboratory
- **PHY 2048** and **PHY 2048L** General Physics I - Calculus Based and Laboratory
- **PHY 2049** and **PHY 2049L** General Physics II - Calculus Based and Laboratory
- Calculus I: **MAC 2241** or **MAC 2311** or **MAC 2281**

Students must receive a C- or better to meet the major requirements.

Specialization Courses (16 credit hours):

- **CHM 2210** Organic Chemistry I
- **CHM 2210L** Organic Chemistry I Laboratory
- **CHM 3120C** Elementary Analytical Chemistry
- **CHM 3610** Intermediate Inorganic Chemistry
- **CHM 3610L** Intermediate Inorganic Chemistry Laboratory
- **CHM 4070** Historical Perspectives in Chemistry

Teaching Methods Courses (12 credit hours):

- **SCE 4320** Teaching Methods in Middle Grades Science I
- **SCE 4330** Methods of Secondary Science Education
- **SCE 4305** Communication Skills in the Science Classroom
- **SCE 4863** Science, Technology, Science Interaction
Admission Requirements

Admission to an educator preparation program is contingent upon meeting the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx.

PHYSICS EDUCATION (BSY) CONCENTRATION
(CIP = 13.1316)

REQUIREMENTS FOR THE CONCENTRATION IN PHYSICS EDUCATION

TOTAL CONCENTRATION HOURS: 60

CONCENTRATION CORE (28 HOURS)

Required Supporting Courses for the Concentration (28 credit hours)

The following courses are prerequisites and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student's final semester.

- CHM 2045 and CHM 2045L General Chemistry I and Laboratory
- CHM 2046 and CHM 2046L General Chemistry II and Laboratory
- PHY 2048 and PHY 2048L General Physics I - Calculus Based and Laboratory
- PHY 2049 and PHY 2049L General Physics II - Calculus Based and Laboratory
- Calculus I: MAC 2241 or MAC 2311 or MAC 2281
- Calculus II: MAC 2242 or MAC 2312 or MAC 2282
- Calculus III: MAC 2313 or MAC 2283

Students must receive a C- or better to meet the major requirements.

Specialization (16 credit hours):

- PHY 2020 Conceptual Physics
- PHY 3101 Modern Physics
- PHY 3220 Classical Mechanics
- PHY 3323 Electricity and Magnetism I
- PHZ 3113 Mathematical Methods in Physics

Teaching Methods Courses (12 credit hours):

- SCE 4320 Teaching Methods in Middle Grades Science I
- SCE 4330 Methods of Secondary Science Education
- SCE 4305 Communication Skills in the Science Classroom
- SCE 4863 Science, Technology, Society Interaction

Admission Requirements

Admission to an educator preparation program is contingent upon meeting the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx.

B.S. - SOCIAL SCIENCE EDUCATION (BSS)
(CIP = 13.1317)
TOTAL DEGREE HOURS: 120

http://www.usf.edu/education/areas-of-study/social-science/education/

Social Science Education explores educational foundations and methods to prepare educators in middle and secondary schools. It also explores the theory and practice of teaching social science education. The objective is to prepare reflective and caring educators. Prepares students for a career in middle and high schools.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession (3)
- AMH X010 (3)
- AMH X020 (3)
- POS X041 (3)
- ECO XXXX or SOC XXXX or ANT XXXX or PSY XXXX or GEA XXXX (3)

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the Florida College System institution or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE MAJOR IN SOCIAL SCIENCE EDUCATION

TOTAL MAJOR HOURS: 84

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (84 HOURS)

Professional Education Core:

- EDF 3214 Human Development and Learning
- EDF 3604 Schools and Society
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- TSL 4324 ESOL Competencies and Strategies
- ESE 4322 Classroom Management for Diverse School and Society
Social Sciences Specialization:

History
- AMH 2010 American History I
- AMH 2020 American History II
- AMH 3421 Early Florida
- AMH 3423 Modern Florida
- WOH 2022 Global History since 1750

Two of the following:
- EUH 2011 Ancient History I
- EUH 2012 Ancient History II
- EUH 2022 The Medieval West
- EUH 2030 Modern European History I
- EUH 2031 Modern European History II

Both of the following:
- GEA 2000 World Regional Geography
- POS 2112 State and Local Government and Politics

One of the following:
- ANT 2000 Introduction to Anthropology
- ANT 2410 Cultural Anthropology

One of the following:
- ECO 1000 Basic Economics
- ECO 2013 Macroeconomics

One of the following:
- SYG 2000 Introduction to Sociology
- SYG 2010 Contemporary Social Problems

One of the following:
- POS 2041 American National Government
- POS 2080 The American Political Tradition

Social Science Education:
- SSE 4333 Teaching Middle Grades Social Science
- SSE 4334 Teaching Secondary Grades Social Science
- SSE 4335 Teaching Social Science Themes*
- SSE 4380 Global and Multicultural Perspectives in Education
- SSE 4600 Reading and Basic Skills in the Social Studies Class
- SSE 4936 Senior Seminar in Social Sciences Education
- SSE 4940 Internship: Social Science Education**

*SSE 4333 must be successfully completed prior to SSE 4335.
*Only SSE 4936 can be taken at the same time as SSE 4940.

Admission Requirements

Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979. Applications can be found at http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx.

GPA REQUIREMENTS

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

COURSE GRADE REQUIREMENT

Students must earn a C- or higher in all upper-level courses in the major.

RESEARCH OPPORTUNITIES

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

INTERNSHIP OPPORTUNITIES

- **SSE 4334** - Student observations take place in assigned schools, Criminal Background Clearance not required.
- **SSE 4335** - Students teach on multiple occasions in assigned Middle or High School, Current Criminal Background Clearance required.
- **SSE 4940** - Students teach full-time in assigned middle or high school, Current Criminal Background Clearance required.

ACCREDITATION INFORMATION

NCATE & State of Florida Approved Program

ADVISING INFORMATION

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at http://www.usf.edu/education/advising/undergraduate/.

SOCIAL SCIENCE EDUCATION FACULTY

Chairpersons: M. Berson, J. Schneider; Program Coordinator: S.J. Thornton; Professors: M. Berson, B.C. Cruz, J.A. Duplass; Emeritus Professors: H. Johnston, D.J. Puglisi.
MINOR IN FOREIGN LANGUAGE EDUCATION (FLE)

TOTAL MINOR HOURS: 12


This undergraduate minor in Foreign Language Education may be of interest to students who are getting a bachelor’s degree in another field and may be interested in teaching a foreign language in the future. This minor would give the student a foundation in methods of teaching a foreign or second language. Please note that the minor in Foreign Language Education does not result in Florida teaching certification.

REQUIREMENTS FOR THE MINOR IN FOREIGN LANGUAGE EDUCATION

MINOR CORE (12 HOURS)

- TSL 4324 ESOL Competencies and Strategies
- FLE 4314 Methods of Teaching Foreign Language and ESOL in the Elementary School
- FLE 4333 Methods of Teaching Foreign Language and ESOL in the Secondary School
- FLE 4290 Technology in Foreign and Second Language Classroom

GPA REQUIREMENTS

Students must earn an overall GPA of 2.0.

GRADING REQUIREMENT

Students must earn a C- or higher in all courses in the minor.

ADVISING INFORMATION

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at http://www.usf.edu/education/advising/undergraduate/.

MINOR IN GLOBAL STUDIES IN EDUCATION (GSED)

TOTAL MINOR HOURS: 15


Certified Global Pathway Program

This program has been certified as a Global Pathway. Global Pathway programs have significant global content and align with the goals of USF’s Quality Enhancement Plan, the Global Citizens Program. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.

REQUIREMENTS FOR THE MINOR IN GLOBAL STUDIES IN EDUCATION

MINOR CORE (9 HOURS)

- EDF 3514 History of Education in the United States
- EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues
- EDF 4490 Studies in Research Design

MINOR ELECTIVES (6 HOURS)

Choose two electives from the following list:

- EDF 3604 Schools and Society
- SYO 4250 Sociology of Education
- DEP 4053 Developmental Psychology
- EDF 3122 Learning and the Developing Child
Students seeking to substitute a course they have taken or are planning to take for one of the electives listed below should consult with an academic advisor in Student Academic Services, EDU 106, 813-974-2979.

GPA REQUIREMENTS

Student must earn an overall GPA of 2.0.

COURSE GRADE REQUIREMENT

Students must earn a C- or higher in all courses.

OTHER REQUIREMENTS

Students seeking to substitute a course they have taken or are planning to take for one of the elective courses should consult with an academic advisor in Student Academic Services, EDU 106, 813-974-2979.

ADVISING INFORMATION

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at http://www.usf.edu/education/advising/undergraduate/.

MINOR IN SCIENCE OF PHYSICAL ACTIVITY (SPED)

TOTAL MINOR HOURS: 11-12

Students who successfully complete the minor in the Science of Physical Activity will have a background in basic physical activity knowledge which may assist individuals interested in coaching and working with adults and children in physical activity settings.

REQUIREMENTS FOR THE MINOR IN SCIENCE OF PHYSICAL ACTIVITY

The minor in the Science of Physical Activity is 11-12 hours. Students must have completed 45 hours of undergraduate coursework, be considered at the junior level, have an overall GPA of 2.5, and have a major in a program other than Physical Education.

MINOR CORE (9 HOURS)

- PET 3031 Motor Behavior
- PET 4380 Applied Exercise Science
- PET 4510 Measurement and Evaluation in Physical Education

MINOR ELECTIVES (2-3 HOURS)

Students must choose one of the following courses:

- PET 4820 Sport Skill Proficiency
- SPM 3012 Issues in Sport

GPA REQUIREMENTS

Students must earn an overall GPA of 2.0
COURSE GRADE REQUIREMENT

Students must earn a C- or higher in each course.

ADVISING INFORMATION

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at http://www.usf.edu/education/advising/undergraduate/.
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About the College

The College of Engineering offers undergraduate and graduate programs to prepare students for a broad spectrum of professional careers in engineering. Laboratory experiences, as well as real-world participation in technological problem solving, are key aspects of a professional engineer's education. The laboratory and research facilities of the College of Engineering, close collaboration with engineering professional societies and the many industries in the metropolitan Tampa Bay area provide a wide range of experiential learning opportunities for engineering students at the University of South Florida. The College of Engineering offers undergraduate degrees in Biomedical Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Cybersecurity, Electrical Engineering, Industrial Engineering, Information Technology, and Mechanical Engineering. In addition, the College offers minors in Biomedical Engineering, Computer Science, and Information Technology. The engineering programs of the College have been developed with an emphasis on three broad aspects of engineering activity: design, research, and the operation of complex technological systems. The undergraduate degree programs provide a strong, broad-based, fundamental engineering education as preparation for careers in industry and government, or as preparation for advanced studies in professional schools of engineering, science, law, business, and medicine.

At the graduate level, students work in close collaboration with faculty, pursuing advanced topics within their disciplines which will result in advancements in their fields and society at large. Students who are interested in advanced design or research should pursue a traditional or accelerated (5-Year) program leading to a Master of Science degree in the designated discipline. The supervision of the academic programs is the function of the administrative departments together with several coordinators. Each department is responsible for specific professional programs, faculty, laboratories, and student advising.

The Departments and Programs section that follows contains descriptions of the baccalaureate degrees offered by the College. Students interested in particular programs offered by the College of Engineering should direct their inquiries to the College of Engineering's Office of Student Services. Information is also available on the College's website: https://www.usf.edu/engineering/.

General Information

Engineering Today and Tomorrow

The College of Engineering recognizes that modern engineering solutions draw on knowledge of several branches of engineering. It also recognizes that future technological and societal developments will lead to shifting the relative emphasis on various branches of engineering, triggered by new needs or a reassessment of national goals. For this reason, the College's programs include a strong engineering foundation, designed to equip the graduating engineer with a broad base of fundamental technical knowledge and specialization course work in sufficient depth to embark upon a successful professional career.
The Bachelor of Science degrees offered in the various engineering disciplines provide the student a broad education with sufficient technical background to contribute effectively in many phases of engineering not requiring the depth of knowledge needed for advanced design or research. The baccalaureate degree is considered the minimum educational credential in the engineering profession. Students interested in design and in research are strongly encouraged to pursue advanced work beyond the baccalaureate at this or other institutions. Today's engineering and technology professionals value and participate in post baccalaureate study to obtain the information and training necessary to effectively meet tomorrow's technological challenges. In order to keep abreast of evolving technologies continuing education is available through formal graduate study, seminars, special institutes, memberships in professional organizations and other structured educational opportunities.

Preliminary Coursework for Engineering Students
The Engineering Bachelor of Science programs are founded on a set of coursework that is designed to give each student a thorough foundation of knowledge on which specialization studies and a professional career can be based. Emphasis is placed on three key elements: development of communication skills, familiarity with the social sciences and humanities and a solid base in science and mathematics. Students selecting an Engineering major should be aware of specific requirements. Students may consult the College's Advising Office for detailed information.

Professional Registration
Students who have attained senior status, and are in good academic standing in an ABET accredited engineering program, are eligible to register for examinations leading to licensure as a professional engineer. The first examination, called the Fundamentals of Engineering (FE) Exam, is offered by the Florida Board of Professional Engineers and is usually taken the semester prior to graduation. In addition to the knowledge acquired through the engineering curriculum, many students take advantage of review courses offered in the College of Engineering to prepare for the Fundamentals of Engineering Examination. Registering for the FE exam during the senior year is strongly encouraged.

Engineering Students in the University Honors College
Engineering students participating in the University Honors Program are able to complete their Engineering Bachelor's degree in four years. Students who qualify for the Honors Program at USF should contact the Honors College or Engineering Student Services to learn about the benefits of this prestigious program.

Army, Air Force and Naval R.O.T.C. for Students
The academic and technological knowledge an engineering degree provides a distinct advantage to individuals interested in a military appointment or career. This is especially true for those participating in one of the ROTC programs at USF.

Preparation for Engineering
The high school student anticipating a career in engineering must present a strong academic record including four years of advanced high school mathematics (analytical geometry, trigonometry, precalculus, calculus) and science including chemistry and physics. Prospective students who lack sufficient preparation in high school may need additional preparatory coursework at the University of South Florida.

Newly admitted first year students are required to take and successfully complete the university's Math Placement Test (MPT) first two subjects, basic algebra and college algebra. Students who completed precalculus or calculus in high school will also take the MPT for pre-calculus/trigonometry. A score of 12 out of 15 on the MPT subject exams is considered passing. Students who successfully complete all three MPT subjects are encouraged to start in Calculus I fall term for degree progression. More information about the MPT is online at http://math.usf.edu/placement/. Exemption for students who have already received credit for calculus I.

All summer admits are required to enroll in a 3-credit math preparatory course during the Summer B session.

First year summer admits and conditional admits will participate in at least one College of Engineering academic support program geared toward successful degree progression their first fall/spring semester. Examples of an academic support program include course-based learning communities, weekly academic guidance sessions, and/or weekly tutoring.

Accelerated Bachelor's and Master's Program
Well-qualified students who, at the beginning of their senior year, are clearly interested in graduate study are invited to apply to the individual accelerated academic programs offered by various departments within the College of Engineering.
Mission, Vision, Values

MISSION
To profoundly shape and impact lives through the steadfast pursuit of world-class engineering research, education, and innovation.

VISION
We aspire to be at the forefront of engineering research and education, cultivating knowledgeable, passionate engineers who are dedicated to need-based, solutions-oriented engineering.

VALUES
We share a culture of excellence, characterized by an emphasis on students, research, innovation, partnership, inclusivity, agility, and the future.

Accreditation
The USF Bachelor of Science degree programs in Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Industrial Engineering, and Mechanical Engineering are accredited by the Engineering Accreditation Commission of ABET (http://www.abet.org/).

The USF Bachelor of Science degree program in Computer Science is accredited by the Computing Accreditation Commission of ABET (http://www.abet.org/).

College-Level Requirements

Minimum Requirements
All undergraduate students with a student classification of engineering and students who have been admitted to any academic program in the College of Engineering must maintain a minimum cumulative GPA of 2.0 in each of the following categories:

1. Overall Undergraduate GPA
2. USF GPA
3. Math and Science courses (best attempt)
4. Engineering Courses
5. Prerequisite courses for the major
6. Courses within the major

Note: In no case will the minimum GPA for a category be less than 2.0.

Students who do not meet the required minimum GPA in each category are ineligible for further registration in the College unless individually designed academic plans to correct their GPA deficiencies are recommended by their academic advisor. Approved plans must include a strategy to eliminate the deficiency in two semesters or less by meeting specific goals. Students who are afforded this opportunity will be closely monitored. Those who, for any reason, fail to meet the terms of their academic plans will be ineligible to declare or continue to declare a major, or intended major, in the College of Engineering and will be ineligible to register for courses that are restricted to College of Engineering students. All undergraduate students admitted to the College of Engineering must earn the required grade in math, science, and engineering courses in no more than two (2) registered attempts. Grades of W, I, IF, U, R, and M are considered attempts. Those who, for any reason, fail to meet this requirement will be ineligible to declare or continue to declare a major, or intended major, in the College of Engineering and will be ineligible to register for courses that are restricted to college students.

Students who are ineligible for further registration in the College of Engineering will be provided with a wide range of services to assist them in selecting a new career path. Students who have been academically dismissed from the University of South Florida, or leave on probation, may choose to attend another institution of higher learning and reapply to USF after improving their overall GPA. These returning students will be considered for readmission to the College if they meet the minimum College of Engineering admission requirements for transfer students and the program entrance requirements for their intended major as published in the University of South Florida Undergraduate Catalog in effect during the term of return.
Years to Degree
The College of Engineering requires that a student complete the baccalaureate degree within five years after beginning engineering specialization courses. Specialization courses taken more than five years prior to graduation will not be counted toward the degree. Exceptions may be granted by the academic department.

University, College and Program Requirements
The College requirements described in this section above are in addition to requirements set forth in the University policy and procedures section and the departmental sections of this catalog. It is the student’s responsibility to complete all university, college, program and curricular requirements prior to graduation.

Student Laptop Computer Requirement
All students entering the College of Engineering are required to have a laptop computer that they can use in their engineering classes and labs.

Disruption of Academic Process and Academic Dishonesty
The College of Engineering will maintain an environment that encourages all to study and conduct engineering research free from undue disruption. Disruption of the Academic Process is a matter the College is obliged to report to Student Judicial Services. Academic dishonesty, in any form, is taken very seriously by the College of Engineering and will result in sanctions. The most serious penalty is dismissal from the University. (See University policies - Academic Integrity of Students.)

Admission Requirements

Admission Requirements for First Time in College Students for all Engineering Majors and for the Computer Science Major
(Excludes Admission Requirements for the Information Technology and Cybersecurity Majors – see below)

First time in college students and lower division students with 30 credits or less, who meet the criteria below, are granted direct entry into the College of Engineering:

1. Admitted to the University of South Florida as a degree seeking student;
2. Test Scores:
   - SATM - a minimum quantitative score of 570 or
   - ACTM - a minimum score of 24 or
   - Completed College Algebra with a grade of C or better (not C-) or
   - Take College Algebra at USF before the first fall semester and get a grade of C or better (not C-).

Those students who do not meet the above criteria can be admitted to the College after satisfactorily completing Calculus I and II and Physics I with lab, all with a minimum grade of C or better (no C-) in no more than two (2) attempts per course while at USF. Two attempts includes withdrawal from a course.

Additional requirements must be met prior to admission to specific degree programs.

Admission Requirements for Transfer Students for all Engineering Majors and for the Computer Science Major
(Excludes Admission Requirements for the Information Technology and Cybersecurity Majors – see below)

1. Fully admitted to the University of South Florida as a degree-seeking student with more than 30 earned credits.
2. Transfer students must complete all of the following courses with a grade of C or better (no C-) in each course (maximum two (2) attempts allowed to earn required grade and a withdrawal is considered an attempt):
   - Calculus I (MAC X281 or MAC X311 or equivalent)
   - Calculus II (MAC X282 or MAC X312 or equivalent), and
   - Calculus-based Physics I plus lab (PHY X048L or PHY X045L)

If a student does not meet these admissions requirements, the student can attempt to meet these transfer admission requirements in no more than two (2) attempts per course while at USF. If a grade of C is not attained in each of these courses in two or less attempts, the student will be redirected to another major.
For the specific state mandated common prerequisite courses for each major within the College of Engineering, please see the section entitled, “State Mandated Common Prerequisites” located in each department's section of the catalog.

3. Florida College System transfer students who have met the minimum criteria above and have completed the prerequisites required for their major with the minimum grades and GPA required by the academic department are accepted directly into the College of Engineering and into the specific program/major.

The USF College of Engineering will accept transfer credit from non-Florida Statewide Common Course Numbering System courses when appropriate if the transferred course has been passed with a grade of C or better and it is determined to be equivalent in both content and quality. In some cases credit for a course may be granted, but the hours accepted may be less than the hours earned at another school. In general, engineering and technology courses taken at technical schools, or as part of professional or military training, are not applicable to the degree programs of the College of Engineering. Transfer students should be prepared to submit detailed course syllabi from the previous institution if requested.

While credit work from other institutions may be granted subject to the conditions of the previous paragraph, at least 30 credit hours including a minimum number of semester hours of engineering coursework, specified by the degree-granting department, must be taken at USF to receive the baccalaureate degree. Prospective transfer students may contact the College's Office of Student Services at (813) 974-2684 to request an assessment.

Admission Requirements for First Time in College Students applying to the Information Technology Major or Cybersecurity Major

Admitted to the University of South Florida as a degree-seeking student. Please note: These admission requirements do not apply to any other College of Engineering undergraduate major.

Transfer Admission Requirements for the Information Technology Major or Cybersecurity Major

For the specific state mandated common prerequisite courses for the Information Technology major or Cybersecurity major, please see the section entitled, "State Mandated Common Course Prerequisites" located in the respective major.

Graduation Requirements

Graduation Application Procedures

Each College of Engineering student is required to complete an application for graduation and graduation checklist. Students should meet with their program advisor to review graduation qualifications and obtain approval well in advance of the College graduation application deadline. The graduation application deadline for the college is set prior to the university deadline and is posted on the College of Engineering Student Services website.

Note: Applications are generally due before the beginning of the graduating term. Individual academic departments may have a graduation application deadline that precedes the college one.

Baccalaureate-Level Degree Programs

Bachelor of Science

Biomedical Engineering (BSBE)

https://www.usf.edu/engineering/bme/

Biomedical Engineering is the confluence of engineering, biology and medicine. Main application areas are the development and testing of new medical devices, systems and drugs/medications to prevent or cure illnesses and medical conditions.

Chemical Engineering (BSCH)

https://www.usf.edu/engineering/chbme/

Students take course work in advanced chemistry, thermodynamics, fluids, heat and mass transfer, separation processes, and reaction systems. The program prepares students upon graduation to pursue careers in industry or with government organizations.
Civil Engineering (BSCE)
https://www.usf.edu/engineering/cee/#&slider1=3

Civil engineers design and supervise the construction of roads, buildings, airports, tunnels, dams, bridges, and water supply and sewage systems. Students can focus on these specialties structures, water resources, environmental, transportation, and geotechnical.

Computer Engineering (BSCP)
https://www.usf.edu/engineering/cse/

Learn how to apply engineering principles to the design of computer hardware and software. The program devotes additional time to computer architecture and hardware design, including extensive laboratory work.

Computer Science (BSCS)
https://www.usf.edu/engineering/cse/

Learn design, development, and application of software systems and the theory of computation.

Cybersecurity (BSCyS)
https://www.usf.edu/engineering/cse/

The Cybersecurity program focuses on technology, people, information, and processes to enable assured cyber operations in the context of adversaries. The program is built on a technical foundation of computing and information technology. Students in this program acquire a background in cybersecurity related to information, software, systems, users, and organizations including aspects of policy, human factors, risk management, ethics, and impact on society.

Electrical Engineering (BSEE)
https://www.usf.edu/engineering/ee/

The program offers study in all areas fundamental to electrical engineering and the electrical sciences - circuit analysis and design, electronics, communications, electromagnetics, controls, solid state, system analysis, MEMS, bioelectrical devices, and power engineering.

Industrial Engineering (BSIE)
https://www.usf.edu/engineering/imse/

Industrial engineering is ideal for individuals interested in formulating mathematical, statistical, and computer simulation models of complex systems in manufacturing, logistics, information, healthcare, transportation, financial, utilities, entertainment, and service. IE’s analyze model results to make engineering decisions for improving system performance and developing public policies.

Information Technology (BSIT)
https://www.usf.edu/engineering/cse/

Learn how to apply computing technologies and fundamental computing knowledge to solve business problems. Some BSIT specialization courses are offered online. A transfer student (who has all GenEd and pre-reqs covered) can complete the BSIT degree partially online.

Mechanical Engineering (BSME)
https://www.usf.edu/engineering/me/

Mechanical engineering is a discipline that applies the principles of physics and materials science for analysis, design, manufacturing, and maintenance of mechanical systems. It is the branch of engineering that involves the production and usage of heat and mechanical power for the design, production, and operation of machines and tools. It is one of the oldest and broadest engineering disciplines.

Accelerated Programs

- B.S.C.H. in Chemical Engineering/M.S.B.E. in Biomedical Engineering
- B.S.C.H. in Chemical Engineering/M.S.C.H. in Chemical Engineering
- B.S.C.H. in Chemical Engineering/M.S.E.M. in Engineering Management
- B.S.C.H. in Chemical Engineering/M.S.M.S.E. in Materials Science and Engineering
- B.S.C.E. in Civil Engineering/M.C.E. in Civil Engineering
COLLEGE OF ENGINEERING

UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

- B.S.C.E. in Civil Engineering/M.S.C.E. in Civil Engineering
- B.S.C.E. in Civil Engineering/M.E.V.E. in Environmental Engineering
- B.S.C.E. in Civil Engineering/M.S.E.V. in Environmental Engineering
- B.S.C.S. in Computer Science/M.S.C.S. in Computer Science
- B.S.C.S. in Computer Science/M.S.C.P. in Computer Science
- B.S.C.S. in Computer Science and M.S.C.P. in Computer Engineering
- B.S.C.S. in Computer Science and M.S.I.T. in Information Technology
- B.S.C.P. in Computer Engineering/M.S.C.P. in Computer Engineering
- B.S.C.P. in Computer Engineering/M.S.C.S. in Computer Science
- B.S.C.P. in Computer Engineering/M.S.I.T. in Computer Engineering
- B.S.E.E. in Electrical Engineering and M.S.E.E in Electrical Engineering
- B.S.I.E. in Industrial Engineering/M.S.B.E. in Biomedical Engineering
- B.S.I.E. in Industrial Engineering/M.S.E.M. in Engineering Management
- B.S.I.T. in Information Technology/M.S.I.T. in Information Technology
- B.S.M.E. in Mechanical Engineering/M.S.B.E. in Biomedical Engineering
- B.S.M.E. in Mechanical Engineering/M.M.E. in Mechanical Engineering
- B.S.M.E. in Mechanical Engineering/M.S.M.E. in Mechanical Engineering
- B.S.M.E. in Mechanical Engineering/M.S.E.M. in Engineering Management
- B.S.M.E. in Mechanical Engineering/M.S.M.E. in Materials Science and Engineering

Minors

Biomedical Engineering

This 15 credit hour program is open to all engineering majors (except Biomedical Engineering) and other students that meet the prerequisites

Computer Science

This 18 credit hour program is open to all students except for department majors. The minor is particularly attractive to students in other engineering majors, and students in the maths and sciences.

Information Technology

The Information Technology minor covers key topics in the discipline - a 21-credit hour program that is attractive to students in other engineering depts., and students in mathematics and the sciences (physics, chemistry, biology) who have no background in software development. The IT minor is open to all students, except students majoring in Computer Science, Computer Engineering, Cybersecurity, and Information Technology, who meet the prerequisites.

Certificates

Foundations of Cyber Security
https://www.usf.edu/engineering/cse/undergraduate/index.aspx
Effective pursuit of engineering and engineering related studies requires careful attention to both the sequence and the type of courses taken. The engineering curriculum differs in key respects from the study plans of other majors even in the first year. Professional advisors in the College of Engineering provide individualized academic planning and guidance. New students must attend the University’s Orientation program. They will be introduced to the Engineering advisors during this program and receive advisement for their first semester. The student and advisors jointly work out a plan of study that meets both the student’s career objectives and the College of Engineering’s degree requirements. While the College provides advising services to assist students with academic planning, the student is responsible for knowing and meeting all performance standards and graduation requirements.

All Engineering majors are initially advised in the Office of Engineering Student Services. Please visit https://www.usf.edu/engineering/student-services/academic-advising/index.aspx for a list of advisors and their contact information.

Contact Information
University of South Florida
Engineering Student Services
4202 E. Fowler Avenue, ENG030
Tampa, FL 33620-5350
https://www.usf.edu/engineering/student-services/

Office Hours: Monday through Friday from 8 am until 5 pm
Office Location: ENC 1302, Engineering Building III room 1302
Main Phone: 813-974-2684
B.S.B.E. - BIOMEDICAL ENGINEERING (EBC)

(CIP = 14.0701)
TOTAL DEGREE HOURS: 131

http://www.usf.edu/engineering/undergraduate/majors.aspx

Mission Statement

The mission of the USF Department of Medical Engineering is to advance excellence in biomedical engineering education through a joint venture between the Morsani College of Medicine and the College of Engineering by conducting innovative translational research, developing impactful cutting-edge technologies, and preparing highly talented students for success as multidisciplinary global leaders across the fields of engineering, healthcare, and biomedical sciences.

Program Educational Objectives and Student Outcomes

The graduates from the Department of Medical Engineering undergraduate biomedical engineering major are expected to achieve the following educational objectives:

1. To develop into successful, ethical biomedical engineers, healthcare professionals, or other related practitioners guided by an interdisciplinary curriculum, extracurricular activities and targeted internship experiences
2. To continue to pursue and expand their technical and professional knowledge and skills through academic and industrial training and lifelong learning
3. To contribute to the local, national and global communities using experiences and skills acquired through their biomedical engineering education at the University of South Florida (USF).

ABET Student Learning Outcomes

The graduates of the B.S. degree program in Biomedical Engineering at USF will demonstrate that they have:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. An ability to communicate effectively with a range of audiences
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Furthermore, the structure of the curriculum provides both breadth and depth across the range of engineering and science topics consistent with the program educational objectives and student outcomes. The curriculum prepares graduates with experience in:

(a) Applying principles of engineering, biology, human physiology, chemistry, calculus-based physics, mathematics (through differential equations) and statistics;
(b) Solving bio/biomedical engineering problems, including those associated with the interaction between living and non-living systems;
(c) Analyzing, modeling, designing, and realizing bio/biomedical engineering devices, systems, components, or processes; and
(d) Making measurements on and interpreting data from living systems.
Entrance Requirements for the Biomedical Engineering Major

College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Biomedical Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Once admitted, the department may have continuation requirements which specify minimum performance standards in core engineering courses which must be met before further registration in the department is granted.

Minimum Admission Requirements for the Biomedical Engineering Major

1. Completion of:
   - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282) and Calculus III (MAC 2313 or MAC 2283)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)
   - General Chemistry I with Lab (CHM 2045 and CHM 2045L)

2. A minimum grade of C in each course and a 2.75 GPA (based on best attempt) in these courses.

3. A minimum overall GPA of 2.5.

4. A minimum USF GPA of 2.5.

Departmental Policies

In addition to the College’s graduation requirements, the department has the following policies:

1. Mandatory academic advising of students for each term.

2. Exit interviews as a graduation requirement.

GPA and Grade Requirement

Many courses required for the BSBE degree in Biomedical Engineering have other prerequisite courses. Prerequisite courses must be completed with a C or better before the student is allowed to take the course. This applies to prerequisite courses taken in other departments as well.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Students qualify for direct entry to their intended department if they have completed the following courses at a Florida College System institution or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

The following are transferable courses from the Florida College System Institution that will be accepted in the Math/Science/Engineering areas:
Mathematics:

Courses at USF

- MAC 2281 Engineering Calculus I
- MAC 2282 Engineering Calculus II
- MAC 2283 Engineering Calculus III
- MAP 2302 Differential Equations

Courses at a Florida College System Institution

- MAC X311 or MAC X281
- MAC X312 or MAC X282
- MAC X313 or MAC X283
- MAP X302 or MAP X305

Natural Sciences:

Courses at USF

- CHM 2045/CHM 2045L General Chemistry I with Lab or CHS 2440/2440L General Chemistry for Engineers with Lab
- CHM 2046/CHM X2046L
- PHY 2048/PHY 2048L General Physics I - Calculus Based with Lab
- PHY 2049/PHY 2049L General Physics II - Calculus Based with Lab

Courses at a Florida College System Institution

- CHM X045/X045L or CHM X045C or CHS X440/X440L
- CHM X046/X046L or CHM X046C
- PHY X048/X048L or PHY X048C or PHY X043/X048L
- PHY X049/X049L or PHY X049C or PHY X044/X049L

REQUIREMENTS FOR THE MAJOR IN BIOMEDICAL ENGINEERING

TOTAL MAJOR HOURS: 105

MAJOR REQUIREMENTS FOR THE B.S.B.E. DEGREE:

MAJOR CORE (93 HOURS)
Basic Engineering (6 credit hours)
- EGN 3000 Foundations of Engineering
- EGN 3000L Foundations of Engineering Lab
- EGN 3343 Thermodynamics I

Specialization (37 credit hours)
- BME 3032 Biomedical Transport Process
- BME 3053 Computer Programming for Biomedical Engineers
- BME 3312 Molecular and Cellular Engineering
- BME 4056C Biomedical Engineering Lab I
- BME 4057C Biomedical Engineering Lab II
- BME 4100 Biomedical Engineering
- BME 4409 Engineering Physiology
- BME 4503 Biomedical Instrumentation
- BME 4508 Biomedical Signals and Systems Analysis
- BME 4882 Biomedical Engineering Design I
- BME 4883 Biomedical Engineering Design II
- EGN 3311 Statics
- EGN 3373 Introduction to Electrical Systems I

Technical Writing (3 credit hours)
- ENC 3246 Communications for Engineers

MAJOR ELECTIVES (12 HOURS)
- 6 hours of BME Upper-Level Electives
- 6 hours of STEM Upper-Level Electives (Students pursuing Medical School will take CHM 2211 Organic Chemistry II/L for five credit hours and a one-credit hour elective)

Departmental Policies
In addition to the college’s graduation requirements, the department has the following policies:
1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.

GPA REQUIREMENTS
Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

RESIDENCY REQUIREMENT
Transfer students must complete a minimum number of approved specialization courses in the major at USF. The minimum number of USF specialization credit hours required is established by the respective academic department. In no case will this be less than 18 hours. Basic Engineering courses are not considered specialization courses. The University residency requirement must also be met.

A dual degree student must meet the requirements of each major and have a minimum of 18 approved specialization hours taken in the degree granting department beyond those specialization hours required for the first degree.

RESEARCH OPPORTUNITIES
All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office of Undergraduate Research will assist students in understanding the various course options.
All incoming freshman and transfer students must meet with one of the college advisors in the Engineering Student Services (ESS).

Engineering Student Services
Office: Engineering Building III (ENC) 1302
Phone: (813) 974-2684
Email: eng-bme@usf.edu
Website

BIOMEDICAL ENGINEERING FACULTY

Interim Chair and Director: Robert Frisina, Jr.; Professors: Robert Frisina, Jr., Huabei Jiang, George Spirou; Research Professor: Hao Yang; Instructors: Olukemi Akintewe, Souheil Zekri.

B.S.B.E. - BIOMEDICAL ENGINEERING (SPRING 2019) (EBI)
(CIP = 14.0501)
TOTAL DEGREE HOURS: 126

http://www.usf.edu/engineering/undergraduate/majors.aspx

Mission Statement
The mission of the USF Department of Medical Engineering is to advance excellence in biomedical engineering education through a joint venture between the Morsani College of Medicine and the College of Engineering by conducting innovative translational research, developing impactful cutting-edge technologies, and preparing highly talented students for success as multidisciplinary global leaders across the fields of engineering, healthcare, and biomedical sciences.

Program Educational Objectives and Student Outcomes
The graduates from the Department of Medical Engineering undergraduate biomedical engineering major are expected to achieve the following educational objectives:

1. To develop into successful, ethical biomedical engineers, healthcare professionals, or other related practitioners guided by an interdisciplinary curriculum, extracurricular activities and targeted internship experiences
2. To continue to pursue and expand their technical and professional knowledge and skills through academic and industrial training and lifelong learning
3. To contribute to the local, national and global communities using experiences and skills acquired through their biomedical engineering education at the University of South Florida (USF).

ABET Student Learning Outcomes
The graduates of the B.S. degree program in Biomedical Engineering at USF will demonstrate that they have:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
Furthermore, the structure of the curriculum provides both breadth and depth across the range of engineering and science topics consistent with the program educational objectives and student outcomes. The curriculum prepares graduates with experience in:

(a) Applying principles of engineering, biology, human physiology, chemistry, calculus-based physics, mathematics (through differential equations) and statistics;
(b) Solving bio/biomedical engineering problems, including those associated with the interaction between living and non-living systems;
(c) Analyzing, modeling, designing, and realizing bio/biomedical engineering devices, systems, components, or processes; and
(d) Making measurements on and interpreting data from living systems.

**Entrance Requirements for the Biomedical Engineering Major**

College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Biomedical Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Once admitted, the department may have continuation requirements which specify minimum performance standards in core engineering courses which must be met before further registration in the department is granted.

**Minimum Transfer Admission Requirements for the Biomedical Engineering Major**

1. Completion of:
   - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282) and Calculus III (MAC 2313 or MAC 2283)
   - Differential Equations (MAP 2302 or EGN 3433)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)
   - General Chemistry I with Lab (CHM 2045 and CHM 2045L)
   - General Chemistry II with Lab (CHM 2046 and CHM 2046L)
   - Organic Chemistry I (CHM 2210)
   
   A minimum grade of C in each course and a 3.5 GPA (based on best attempt) in these courses. No more than two attempts allowed for the prerequisite courses.

2. A minimum overall GPA of 2.0.

3. A minimum USF GPA of 2.0.

**Departmental Policies**

In addition to the College’s graduation requirements, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.

**GPA and Grade Requirement**

Many courses required for the BSBE degree in Biomedical Engineering have other prerequisite courses. Prerequisite courses must be completed with a C or better before the student is allowed to take the course. This applies to prerequisite courses taken in other departments as well.

**LIMITED ACCESS**

**THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.**

This is a limited access program.
Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Students qualify for direct entry to their intended department if they have completed the following courses at a Florida College System institution or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

The following are transferable courses from the Florida College System Institution that will be accepted in the Math/Science/Engineering areas:

**Mathematics:**
- (MAC X311 and MAC X312 and MAC X313) or (MAC X281 and MAC X282 and MAC X283)
- MAP X302

**Natural Sciences:**
- CHM X045C or (CHM X045 and CHM X045L) or (CHM X440 and CHM X440L) or (CHM X095 and CHM X095L)
- PHY X048C or [PHY X048 and (PHY X048L or PHY X064L)]
- PHY X049C or [PHY X049 and (PHY X049L or PHY X064L)]
- (CHM X046 and CHM X046L) or (CHM X096 and CHM X096L) or CHM X046C or CHM X096C
- BSC X010C or (BSC X010 and BSC X010L) or BSC X044L
- CHM X210C or (CHM X210 and CHM X210L)

**REQUIREMENTS FOR THE MAJOR IN BIOMEDICAL ENGINEERING (SPRING 2019)**

**TOTAL MAJOR HOURS: 108**

**MAJOR REQUIREMENTS FOR THE B.S.B.E. DEGREE:**

**MAJOR CORE (95 HOURS)**

Major BME or STEM Specialization Track Courses (13 credit hours)

**Math and Science (40 credit hours)**
- **MAC 2281** Engineering Calculus I or **MAC 2311** Calculus I
- **MAC 2282** Engineering Calculus II or **MAC 2312** Calculus II
- **MAC 2283** Engineering Calculus III or **MAC 2313** Calculus III
- **MAP 2302** Differential Equations
- **BSC 2010** Cellular Processes
- **BSC 2010L** Cellular Processes Laboratory
- **CHM 2045** General Chemistry I
- **CHM 2045L** General Chemistry I Laboratory
- **CHM 2046** General Chemistry II
- **CHM 2046L** General Chemistry II Laboratory
- **CHM 2210** Organic Chemistry I
COLLEGE OF ENGINEERING

UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

- CHM 2210L Organic Chemistry I Laboratory
- PHY 2048 General Physics I
- PHY 2048L General Physics I Laboratory
- PHY 2049 General Physics II
- PHY 2049L General Physics II Laboratory

Basic Engineering (21 credit hours)

- EGN 3000 Foundations of Engineering
- EGN 3000L Foundations of Engineering Lab (Creative Thinking)
- EGN 3343 Thermodynamics I
- EGN 3311 Statics
- EGN 3321 Dynamics
- EGN 3365 Materials Engineering I or EMA 4003 Intro to Materials Science
- EGN 3373 Introduction to Electrical Systems I
- EGN 3443 Probability and Statistics for Engineers (Information & Data Literacy)

Specialization (31 credit hours)

- BME 3032 Biomedical Transport Process
- BME 3053 Computer Programming for Biomedical Engineers
- BME 3312 Molecular and Cellular Engineering
- BME 4056C Biomedical Engineering Lab I
- BME 4057C Biomedical Engineering Lab II
- BME 4100 Biomedical Engineering
- BME 4409 Engineering Physiology
- BME 4503 Biomedical Instrumentation
- BME 4508 Biomedical Signals and Systems Analysis
- BME 4882 Biomedical Engineering Design I
- BME 4883 Biomedical Engineering Design II (HIP)

BME or STEM Specialization Track Courses (13 hours)

Students will choose a focused set of courses in the BME Specialization track or a STEM Specialization track.

BME Specialization Track Course Options:

- BME 4332 Cell and Tissue Engineering
- BME 4440 Introduction to Bioastronautics
- BME 4571 Nanomedicine
- BME 5320 or ECH 5740 Theory and Design of Bioprocesses
- ECH 4264 Transport Phenomena
- ECH 4504 Kinetics and Reaction Engineering
- ECH 5740 Theory and Design of Bioprocesses
- EEE 4260C Bioelectricity
- EEE 4271 Bioelectronics
- EEE 4274 MEMS I: Chemical/Biomedical Sensors and Microfabrication
- EEE 4506 Biomedical Image Processing
- EML 4575 Principles of Fracture Mechanics

STEM Specialization Track Course Options:

- ATR 5319 Rehabilitation Considerations for Children
- BSC 3022 Biology of Aging
- BSC 4434 Bioinformatics
- MCB 3020 General Microbiology
- MCB 3410 Cell Metabolism
- PCB 3023 Cell Biology
- PCB 4234 Principles of Immunology
- PCB 4843 Principles of Neuroscience
- PHY 3220 Classical Mechanics
- PHY 4424 Optics
• **ZOO 4753** Human Histology and Molecular Pathology of Disease

**Technical Writing (3 credit hours)**

• **ENC 3246** Communication for Engineers

**Departmental Policies**

In addition to the college’s graduation requirements, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.

**GPA REQUIREMENTS**

Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

**RESIDENCY REQUIREMENT**

Transfer students must complete a minimum number of approved specialization courses in the major at USF. The minimum number of USF specialization credit hours required is established by the respective academic department. In no case will this be less than 18 hours. Basic Engineering courses are not considered specialization courses. The University residency requirement must also be met.

A dual degree student must meet the requirements of each major and have a minimum of 18 approved specialization hours taken in the degree granting department beyond those specialization hours required for the first degree.

**RESEARCH OPPORTUNITIES**

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

**ADVISING INFORMATION**

All incoming freshman and transfer students must meet with one of the college advisors in the Engineering Student Services (ESS).

**Engineering Student Services**

Office: Engineering Building III (ENC) 1302
Phone: (813) 974-2684
Email: eng-bme@usf.edu
Website

**BIOMEDICAL ENGINEERING (SPRING 2019) FACULTY**

*Interim Chair and Director: Robert Frisina, Jr.; Professors: Robert Frisina, Jr., Huabei Jiang, George Spirou; Research Professor: Hao Yang; Instructors: Olukemi Akintewe, Souheil Zekri.*
Students pursuing the Bachelor of Science in Chemical Engineering take coursework in advanced chemistry, thermodynamics, fluids, heat, and mass transfer, numerical methods, separation processes, reacting systems, instrumentation, control, and plant and product design. Students must also satisfactorily complete a design project as part of their major. Chemical engineering students must maintain a GPA of 2.0 in required departmental courses. Therefore, it is imperative that the students retain close contact with their advisor. Students completing this major normally initiate their careers in manufacturing, environmental, and biological enterprises. Chemical engineers are found in administrative, technical, and research positions in these industries. Main products of these industries are petrochemicals, polymers, fibers, natural and synthetic fuels, electronic materials, fertilizers, pharmaceuticals, biomaterials, etc.

Mission Statement

The mission of the Department of Chemical & Biomedical Engineering is to prepare graduates with fundamental knowledge and contemporary skills for the development, economic design, and safe operation of chemical and biological systems, processes, products, and methods in a manner compatible with societal values.

Program Educational Objectives and Student Outcomes

Program Educational Objectives

The overall objective of the Bachelor’s Degree in Chemical Engineering at the University of South Florida is to prepare graduates for successful careers in the chemical engineering and related professions. Accordingly, graduates of this major who have chosen to pursue a career in engineering shall achieve the following within a few years after graduation:

1. Demonstrate professional engineering competence by holding positions of increasing responsibility in industry, business, government and/or educational institutions
2. Publish papers, reports, patents and/or technical presentations at local, national, international meetings or within the professional organization/company that they are affiliated with.
3. Continue to improve their technical skills, knowledge and understanding through continuing education, pursuit of advanced degrees, and/or pursuit of professional license in their chosen profession.

Please refer to the mission statement on the department website for additional information.

Student Outcomes

The graduates of the B.S. degree program in Chemical Engineering Program at USF will demonstrate that they have:

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. an ability to communicate effectively with a range of audiences.
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.
8. an ability to analyze the hazards associated with chemical, physical and/or biological processes.
Student Enrollment Data
Student enrollment data are posted on the departmental web site: https://www.usf.edu/engineering/chbme/about-us/statistics.aspx

Entrance Requirements for the Chemical Engineering Major
College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Chemical Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Once admitted, the department may have continuation requirements which specify minimum performance standards in core engineering courses which must be met before further registration in the department is granted.

Minimum Admission Requirements for the Chemical Engineering Major.

1. Completion of:
   - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282) and Calculus III (MAC 2313 or MAC 2283)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)
   - General Chemistry I with Lab (CHM 2045 and CHM 2045L)

2. A minimum grade of C in each course and a 2.75 GPA (based on best attempt) in these courses.
3. A minimum overall GPA of 2.0.
4. A minimum USF GPA of 2.0.

Departmental Policies
In addition to the College’s graduation requirements, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.

GPA and Grade Requirement
Many courses required for the BS degree in Chemical Engineering have other prerequisite courses. Prerequisite courses must be completed with a C- or better before the student is allowed to take the course. This applies to prerequisite courses taken in other departments as well. The only exceptions are the Admissions Requirements courses, which must be passed with a grade of C or better. Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

STATE MANDATED COMMON COURSE PREREQUISITES
Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Students qualify for direct entry to their intended department if they have completed the following courses at a Florida College System institution or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

The following are transferable courses from the Florida College System Institution that will be accepted in the Math/Science/Engineering areas:
Mathematics:

Courses at USF

- MAC 2281 Engineering Calculus I
- MAC 2282 Engineering Calculus II
- MAC 2283 Engineering Calculus III
- MAP 2302 Differential Equations

Courses at a Florida College System Institution

- MAC X311 or MAC X281
- MAC X312 or MAC X282
- MAC X313 or MAC X283
- MAP X302 or MAP X305

Natural Sciences:

Courses at USF

- CHM 2045/CHM 2045L General Chemistry I with Lab or CHS 2440/2440L General Chemistry for Engineers with Lab
- CHM 2046/CHM 2046L General Chemistry II with Lab
- PHY 2048/PHY 2048L General Physics I - Calculus Based with Lab
- PHY 2049/PHY 2049L General Physics II - Calculus Based with Lab

Courses at a Florida College System Institution

- CHM X045/X045L or CHM X045C or CHS X440/X440L
- CHM X046/X046L or CHM X046C
- PHY X048/X048L or PHY X048C or PHY X043/X048L
- PHY X049/X049L or PHY X049C or PHY X044/X049L

REQUIREMENTS FOR THE MAJOR IN CHEMICAL ENGINEERING

TOTAL MAJOR HOURS: 110

MAJOR REQUIREMENTS FOR THE B.S.C.H. DEGREE:

MAJOR CORE (95 HOURS)

Math and Science (42 credit hours)

- MAC 2281 Engineering Calculus I or MAC 2311 Calculus I
- MAC 2282 Engineering Calculus II or MAC 2312 Calculus II
- MAC 2283 Engineering Calculus III or MAC 2313 Calculus III
- EGN 3433 Modeling and Analysis of Engineering Systems or MAP 2302 Differential Equations
- CHM 2045 General Chemistry I
- CHM 2045L General Chemistry I Laboratory
- CHM 2046 General Chemistry II
- CHM 2046L General Chemistry II Laboratory
- PHY 2048 General Physics I
- PHY 2048L General Physics I Laboratory
- PHY 2049 General Physics II
- PHY 2049L General Physics II Laboratory
- CHM 2210 Organic Chemistry I
- CHM 2210L Organic Chemistry Laboratory I
- BSC 2010 Biology I Cellular Processes
- CHM 2211 Organic Chemistry II or BCH 3053 Introductory Biochemistry

Basic Engineering (6 credit hours)

- EGN 3000 Foundations of Engineering
- EGN 3000L Foundations of Engineering Lab
EGN 3343 Thermodynamics I

Specialization (47 credit hours)
- ECH 3002 Introduction to Chemical & Biomedical Engineering
- ECH 3854 Engineering Computations
- ECH 3023 Material and Energy Balances
- ECH 4123 Chemical Engineering Thermodynamics
- ECH 3266 Transport Phenomena I
- ECH 4846 Numerical Methods in Chemical Engineering
- ECH 4418 Separation Processes
- ECH 4267 Transport Phenomena II
- ECH 3240L Chemical Engineering Lab I
- ECH 4504 Kinetics and Reaction Engineering
- ECH 4605 Product and Process Systems Engineering
- ECH 4680 Product Design and Manufacturing
- EMA 4003 Introduction to Materials Science
- ECH 4241L Chemical Engineering Laboratory II
- ECH 4323 Process Dynamics and Control
- ECH 4615 Product and Process Design
- ECH 4715 Chemical Process Safety & Ethics

MAJOR ELECTIVES (15 HOURS)

15 hours of Departmental Upper-Level Electives
- BME 4100 Biomedical Engineering
- BME 4406 Engineering of Biological Systems
- BME 4409 Engineering Physiology
- BME 4571 Nanomedicine
- BME 4931 Selected Topics in Biomedical Engineering
- ECH 4905 Independent Study
- ECH 3702 Instrument Systems I
- ECH 4931 Special Topics in Chemical Engineering II
- ECH 4936 Undergraduate Seminar
- ECH 4944 Industry Internship

Consult with the department undergraduate advisor for additional departmental and/or science electives and special topics courses that may be available.

Entrance Requirements for the Chemical Engineering Major

College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Chemical Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Once admitted, the department may have continuation requirements that specify minimum performance standards in core engineering courses that must be met before further registration in the department is granted.

Minimum Admission Requirements for the Chemical Engineering Major

1. Completion of:
   - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282) and Calculus III (MAC 2313 or MAC 2283)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)
   - General Chemistry I with Lab (CHM 2045 and CHM 2045L)

2. A minimum grade of C in each course and a 2.75 GPA (based on best attempt) in these courses.

3. A minimum overall GPA of 2.0.

4. A minimum USF GPA of 2.0.
Departmental Policies
In addition to the college’s graduation requirements, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.

GPA REQUIREMENTS
Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

GRADING REQUIREMENT
Many courses required for the BS degree in Chemical Engineering have other prerequisite courses. Prerequisite courses must be completed with a C- or better before the student is allowed to take the course. This applies to prerequisite courses taken in other departments as well. The only exceptions are the Admissions Requirements courses, which must be passed with a grade of C or better (C- is insufficient).

RESIDENCY REQUIREMENT
Transfer students must complete a minimum number of approved specialization courses in the major at USF. The minimum number of USF specialization credit hours required is established by the respective academic department. In no case will this be less than 18 hours. Basic engineering courses are not considered specialization courses. The University residency requirement must also be met.

A dual degree student must meet the requirements of each major and have a minimum of 18 approved specialization hours taken in the degree granting department beyond those specialization hours required for the first degree.

RESEARCH OPPORTUNITIES
The Research Experiences for Undergraduate Students program in the College of Engineering offers undergraduate students an opportunity to directly participate in state-of-the-art research. Graduate students and professors serve as research partners and mentors as undergraduate research assistants participate in the scientific process and gain relevant experience.

There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience.

INTERNSHIP OPPORTUNITIES
The College of Engineering and USF’s Career Services Cooperative Education (Co-Op) program provides services for students interested in experiential educational experiences. A wide variety of industries and government agencies offer internships and cooperative education employment opportunities for engineering students. Participants gain valuable expertise in practical applications and other aspects of operations and development in a professional engineering environment. Students normally apply for participation in this program during their first year in the College of Engineering and pursue actual internships during their sophomore, junior and senior years.

ACCELERATED B.S/M.S. PROGRAM
Students majoring in Chemical Engineering have the option to pursue one of the following accelerated programs:

- B.S.CH in Chemical Engineering and M.S.B.E. in Biomedical Engineering
- B.S.CH in Chemical Engineering and M.S.C.H. in Chemical Engineering
- B.S.CH in Chemical Engineering and M.S.E.M. in Engineering Management
- B.S.CH in Chemical Engineering and M.S.M.S.E. in Materials Science and Engineering
ACCREDITATION INFORMATION

The Bachelor of Science in Chemical Engineering degree is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

ADVISING INFORMATION

For questions about college and departmental admission, transferring from another institution or registration for prerequisite courses: http://www.usf.edu/engineering/student-services/academic-advising/index.aspx.

For questions specific to Chemical Engineering courses and curriculum: http://www.usf.edu/engineering/chbme/undergraduate/index.aspx.

CHEMICAL ENGINEERING FACULTY


B.S.C.E. - CIVIL ENGINEERING (ECE)

(CIP = 14.0801)
TOTAL DEGREE HOURS: 131

http://www.usf.edu/engineering/undergraduate/majors.aspx

Civil engineers will be entrusted by society to create a sustainable world and enhance the global quality of life. Civil engineers will serve as master planners, designers, constructors, and operators of society’s economic and social engine, the built environment (i.e., infrastructure); innovators and integrators of ideas and technology across the public, private, and academic sectors; managers of risk and uncertainty caused by natural events, accidents, and other threats; stewards of the natural environment and its resources; and, leaders in discussions and decisions shaping public environmental and infrastructure policy.

Mission Statement

The Bachelor of Science in Civil Engineering in the Department of Civil and Environmental Engineering at the University of South Florida will provide undergraduate students with strong, broad-based, engineering education which gives them the basic intellectual and organization skills that allow them to work with complex systems with technological, social and environmental components. As many of the major’s graduates begin work upon graduation in industry or with governmental organizations, the curriculum is designed to prepare students for these roles by requiring a number of courses in the various fields of civil engineering and by providing limited specialization in one given area. The curriculum is designed to encourage lifelong learning and to prepare students for undertaking advanced studies in engineering or in other professional areas.

Program's Educational Objectives and Student Outcomes

The Civil Engineering major and curriculum of the Department of Civil and Environmental Engineering are designed to meet the needs of all students within the context of the Major's Mission Statement. The Major Educational Objectives associated with the Major's Mission Statement are:

1. Graduates can obtain positions in both public and private organizations.
2. Graduates are continuing their professional development by extending their professional knowledge through independent learning, continuing education courses, conferences, workshops, short courses, graduate study and involvement in professional societies.
3. Graduates who are working in public or private organizations which encourage professional registration, will have made appropriate progress towards achieving that registration.
The following list defines the Student Outcomes of the Civil and Environmental Engineering program:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. An ability to communicate effectively with a range of audiences
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Please refer to the mission statement on the department website for additional information.

Entrance and Continuation Requirements for the Civil Engineering Major

College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Civil Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Once admitted, the Department may have continuation requirements which specify minimum performance standards in core engineering courses which must be met before further registration in the Department is granted.

Minimum Admission Requirements for the Civil Engineering Department

1. Completion of:
   - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282) and Calculus III (MAC 2313 or MAC 2283)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)
   - General Chemistry I with Lab (CHM 2045 and CHM 2045L) or (CHS 2440 and CHS 2440L)
   with a minimum grade of a C in each course and a 3.0 GPA (based on best attempt) in these prerequisites
2. A minimum overall GPA of 2.0
3. A minimum USF GPA of 2.0

Minimum Continuation Requirements for the Civil Engineering Department

Continuation requires a minimum grade of C- as well as a 2.5 GPA (based on best attempt) for the following courses:

- **EGN 3311** Statics
- **EGN 3331** Mechanics of Materials
- **EGN 3353** Basic Fluid Mechanics
- **EGN 3365** Materials

GPA and Grade Requirements

Unless otherwise stated, the minimum acceptable grade in all BSCE required courses is a C- or higher.

Tracks

In addition to designated common coursework in engineering mechanics, civil, and environmental engineering, students undertake a concentration of 18 hours of coursework plus a 3-hour capstone design course and a 1 hour Professional and Ethical Issues in Engineering. These courses are based on the student's choice of track.
Departmental Policies

In addition to the College’s graduation requirements, the department has the following policies:

- All students must participate in mandatory advising prior to each term.
- All students must participate in department assessment activities and successfully complete an exit interview before graduating.
- All students must consider the advice of the Department to complete and pass the Fundamentals of Engineering Exam (F.E. Exam).
- All students must periodically provide writing samples as part of the department’s writing assessment program.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Students qualify for direct entry to their intended department if they have completed the following courses at a Florida College System institution or University in the Florida State University System (SUS) and meet all of the other admissions requirements of the University and College.

The following are transferable courses from a Florida College System institution that will be accepted in the Math/Science/Engineering areas:

Mathematics:

Courses at USF

- MAC 2281 Engineering Calculus I
- MAC 2282 Engineering Calculus II
- MAC 2283 Engineering Calculus III
- MAP 2302 Differential Equations

Courses at a Florida College System Institution

- MAC X311 or MAC X281
- MAC X312 or MAC X282
- MAC X313 or MAC X283
- MAP X302 or MAP X305

Natural Sciences:

Courses at USF

- CHM 2045/CHM 2045L General Chemistry I with Lab or CHS 2440/2440L General Chemistry for Engineers with Lab
- PHY 2048/PHY 2048L General Physics I - Calculus Based with Lab
- PHY 2049/PHY 2049L General Physics II - Calculus Based with Lab
Courses at a Florida College System Institution

- CHM X045/X045L or CHM X045C or CHS X440/X440L
- PHY X048/X048L or PHY X048C or PHY X043/X048L or PHY X041/X048L
- PHY X049/X049L or PHY X049C or PHY X044/X049L or PHY X042/X049L

REQUIREMENTS FOR THE MAJOR IN CIVIL ENGINEERING

TOTAL MAJOR HOURS: 117

MAJOR REQUIREMENTS FOR THE B.S.C.E. DEGREE:

MAJOR CORE (117 HOURS)

Math and Science (27 credit hours)

- MAC 2281 Engineering Calculus I or MAC 2311 Calculus I
- MAC 2282 Engineering Calculus II or MAC 2312 Calculus II
- MAC 2283 Engineering Calculus III or MAC 2313 Calculus III
- MAP 2302 Differential Equations or EGN 3433 Modeling and Analysis of Engineering Systems
- CHS 2440 General Chemistry for Engineers or CHM 2045 General Chemistry I
- CHS 2440L General Chemistry for Engineers Laboratory or CHM 2045L General Chemistry I Laboratory
- PHY 2048 General Physics I (Calculus Based)
- PHY 2048L General Physics I Laboratory
- PHY 2049 General Physics II (Calculus Based)
- PHY 2049L General Physics II Laboratory

Basic Engineering (28 credit hours)

- EGN 3000 Foundations of Engineering
- EGN 3000L Foundations of Engineering lab
- GLY 3850 Geology for Engineers
- EGN 1113 Introduction to Design Graphics
- EGN 3321 Dynamics
- EGN 4453 Numerical and Computer Tools I in Civil & Environmental Engineering
- EGN 3331 Mechanics of Materials
- EGN 3331L Mechanics of Materials Laboratory
- EGN 3343 Thermodynamics I
- EGN 3443 Probability and Statistics for Engineers
- EGN 3615 Engineering Economics with Social and Global Implications
- EGN 3373 Introduction to Electrical Systems I

Continuation Courses (12 credit hours)

- EGN 3311 Statics
- EGN 3365 Materials Engineering I
- EGN 3331 Mechanics of Materials
- EGN 3353 Basic Fluid Mechanics

Specialization (26 credit hours)

- EGN 4454 Numerical and Computer Tools II in Civil & Environmental Engineering
- ENV 4001 Environmental Systems Engineering
- TTE 4004 Transportation Engineering I
- CES 3102 Structures I
- CWR 4202 Hydraulics
- ENV 4004L Environmental Engineering Lab
- CEG 4011 Geotechnical Engineering I
- CEG 4011L Geotechnical Engineering Laboratory
- CGN 4122 Professional and Ethical Issues in Engineering
- CGN 3021L Civil Engineering Laboratory

590
Technical Writing (3 credit hours)

- ENC 3246 Communications for Engineers

Capstone Design (3 credit hours)

- Structures/Materials/Geotechnical Track: CES 4750 Capstone Structural/Geotechnical/Material Design
- Geotechnical/Transportation Track: CEG 4850 Capstone Geotechnical/Transportation Design
- Environmental/Water Resources Track: CWR 4812 Capstone Water Resources/Environmental Design

Civil Engineering Track (18 credits) and Capstone Design Requirements

Civil Engineering students choose one of the three tracks listed below:

1. Structures/Materials/Geotechnical Track
   - CES 4702 Concepts of Concrete Design
   - CES 4605 Concepts of Steel Design
   - CGN 4851 Concrete Construction Materials
   - CEG 4012 Geotechnical Engineering II or TTE 4005 Transportation Engineering II
   - Technical Elective (six credit hours total, from the approved list of courses)
   - CES 4750 Capstone Structural/Geotechnical/Material Design

2. Geotechnical/Transportation Track
   - CGN 4851 Concrete Construction Materials
   - CEG 4012 Geotechnical Engineering II
   - TTE 4005 Transportation Engineering II
   - Technical Elective (nine credit hours total, from the approved list of courses)
   - CEG 4850 Capstone Geotechnical/Transportation Design

3. Environmental/Water Resources Track
   - ENV 4417 Water Quality and Treatment
   - CWR 4540 Water Resources Engineering I
   - CEG 4012 Geotechnical Engineering II or TTE 4005 Transportation Engineering II
   - Technical Elective (nine credit hours total, from the approved list of courses)
   - CWR 4812 Capstone Water Resources/Environmental Design

The approved list of technical elective courses for the tracks include: CCE 4031, CEG 5115, CGN 4933, CWR 4541, SUR 2101C, and TTE 4005. Consult with the department undergraduate advisor for additional electives that may be available.

Entrance Requirements for the Civil Engineering Department

College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Civil Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Once admitted, the Department may have continuation requirements that specify minimum performance standards in core engineering courses that must be met before further registration in the Department is granted.

Minimum Admission Requirements for the Civil Engineering Department

1. Completion of:
   - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282) and Calculus III (MAC 2313 or MAC 2283)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)
   - General Chemistry I with Lab (CHM 2045 and CHM 2045L) or (CHS 2440 and CHS 2440L)
   - with a minimum grade of a C in each course and a 3.0 GPA (based on best attempt) in these prerequisites

2. A minimum overall GPA of 2.0

3. A minimum USF GPA of 2.0
Minimum Continuation Requirements for the Civil Engineering Department

Continuation requires a minimum grade of C- as well as a 2.5 GPA (based on best attempt) for the following courses:

- EGN 3311 Statics
- EGN 3331 Mechanics of Materials
- EGN 3353 Basic Fluid Mechanics
- EGN 3365 Materials

Tracks

In addition to designated common coursework in engineering mechanics, civil, and environmental engineering, students undertake a concentration of 18 hours of coursework plus a 3-hour capstone design course and a 1 hour Professional and Ethical Issues in Engineering.

Departmental Policies

In addition to the College’s graduation requirements, the department has the following policies:

- All students must participate in mandatory advising prior to each term.
- All students must participate in department assessment activities and successfully complete an exit interview before graduating.
- All students must consider the advice of the College to complete and pass the Fundamentals of Engineering Exam (F.E. Exam).
- All students must periodically provide writing samples as part of the department’s writing assessment program.

GPA REQUIREMENTS

Students must have and maintain a minimum 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, 2.0 Overall GPA, and 2.5 Continuation GPA.

GRADING REQUIREMENT

A total of only two D grades are allowed in all BSCE required engineering, and most specialization courses. Students cannot graduate with Ds in the following lists of courses that correspond to their track (specialty):

Environmental/Water track: Environmental Systems Engineering, Hydraulics, Water Quality and Treatment, Water Resources Engineering I, and Capstone Design (CWR 4812)


RESIDENCY REQUIREMENT

Transfer students must complete a minimum number of approved specialization courses in the major at USF. The minimum number of USF specialization credit hours required is established by the respective academic department. In no case will this be less than 18 hours. Basic engineering courses are not considered specialization courses. The University residency requirement must also be met.

A dual degree student must meet the requirements of each major and have a minimum of 18 approved specialization hours taken in the degree granting department beyond those specialization hours required for the first degree.

RESEARCH OPPORTUNITIES

The Research Experiences for Undergraduate Students program in the USF College of Engineering offers undergraduate students an opportunity to directly participate in state-of-the-art research. Graduate students and professors serve as research partners and mentors as undergraduate research assistants participate in the scientific process and gain relevant experience.
There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience.

INTERNSHIP OPPORTUNITIES

The College of Engineering and USF’s Career Services Cooperative Education (Co-Op) program provides services for students interested in experiential educational experiences. A wide variety of industries and government agencies offer internships and cooperative education employment opportunities for engineering students. Participants gain valuable expertise in practical applications and other aspects of operations and development in a professional engineering environment. Students normally apply for participation in this program during their first year in the College of Engineering and pursue actual internships during their sophomore, junior and senior years.

ACCELERATED B.S/M.S. PROGRAM

Students majoring in Civil Engineering have the option to pursue one of the following accelerated programs:

- B.S.C.E. in Civil Engineering and M.C.E. in Civil Engineering
- B.S.C.E. in Civil Engineering and M.S.C.E. in Civil Engineering
- B.S.C.E. in Civil Engineering and M.E.V.E. in Environmental Engineering
- B.S.C.E. in Civil Engineering and M.S.E.V. in Environmental Engineering

ACCREDITATION INFORMATION

The Bachelor of Science degree in Civil Engineering is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

ADVISING INFORMATION

All incoming freshman and transfer students must meet with one of the college advisors in the Engineering Student Services (ESS).

Engineering Student Services

Office: Engineering Building III (ENC) 1302
Phone: (813) 974-2684
Email: eng-advisingmail@usf.edu
Website

Students who have completed the entrance requirements and are accepted into the major: http://www.usf.edu/engineering/cee/about-us/contact-us.aspx.

CIVIL ENGINEERING FACULTY

The Computer Engineering program emphasizes the application of engineering principles to the design of computer hardware and software, and devotes additional time to computer architecture and advanced topics in hardware design, including extensive laboratory work. Students in this program also acquire a broad background in engineering topics through related coursework in the College.

Mission Statement
In keeping with the mission of the College of Engineering, the Department of Computer Science and Engineering strives for excellence in teaching, research, and public service. Specifically, the Department aspires to:

1. Lead the advancement of computer science, computer engineering, information technology, and cybersecurity through internationally recognized research and education, as well as technology transfer.
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning.
3. Educate students in the best practices of the field as well as integrate the latest research into the curriculum.
4. Foster the development of problem solving and communication skills as an integral component of the profession.
5. Provide quality learning experiences through effective classroom practices, active learning styles of teaching, and opportunities for meaningful interactions between students and faculty.

Program Educational Objectives and Student Outcomes
The Department has established the following program educational objectives for Computer Engineering graduates.

Objective 1: Our graduates will apply their knowledge and skills to succeed in their careers and/or obtain advanced degrees.

Objective 2: Our graduates will function ethically and responsibly, and will remain informed and involved as full participants in our profession and society.

Objective 3: Our graduates will creatively solve problems, communicate effectively, and successfully function in multi-disciplinary teams.

Objective 4: Our graduates will apply principles and practices of computing grounded in mathematics and science to successfully complete hardware and/or software-related engineering projects to meet customer business objectives and/or productively engage in research

The following are the Student Outcomes. Graduates of the program will have an ability to:

1. Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

2. Communicate effectively with a range of audiences.

3. Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

4. Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

5. Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

6. Acquire and apply new knowledge as needed, using appropriate learning strategies.

Student Enrollment Data
Student enrollment data is posted on the Department website.

Entrance and Continuation Requirements for the Computer Engineering Major
College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Computer Engineering. Prior to being admitted to a major, a student may take no more than two Departmental courses.

Minimum Admission Requirements for the Computer Engineering Major

1. Completion of:
   - English Composition I (ENC 1101) and English Composition II (ENC 1102)
   - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)

   All students must complete the equivalent of USF Composition I & II, Engineering Calculus I & II and Calculus-based General Physics I & II (with Labs) with minimum grades of C in each course (grades of C- are insufficient). The minimum overall average GPA in these six courses required for admission to the Department is between 3.0 and 3.5 for any given year. The minimum acceptable average GPA will be posted on the Department's website one year prior to the Fall Semester that the revised GPA is applicable. The computed GPA is based on the best attempts in these courses.

2. Completion of COP 2510 with a minimum grade of B (grade of B- is insufficient) or another introductory programming course covering a modern programming language, with an emphasis on programming concepts and design methodology with a minimum grade of B (grade of B- is insufficient).

3. A minimum overall GPA of 2.0

4. A minimum USF GPA of 2.0

Minimum Continuation Requirements for the Computer Engineering Major

Students meeting the above requirements may be admitted to either of the Computer Engineering or Computer Science degree tracks; however, continuation in the major will be allowed only for students who complete CDA 3103 and COP 3514 with minimum grades of B, based on best attempts in each course (grades of B- are insufficient). These requirements must be met with a maximum of two attempts allowed for each course.

GPA and Grade Requirements

Unless otherwise stated, the minimum acceptable grade in all BSCP required math, science, and engineering courses is a C or higher (C- is insufficient). The minimum acceptable grade in specialization courses is a C-, except as stated in the major admission and continuation requirements. Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

Departmental Policies

In addition to the College’s graduation requirements, the Department has the following policies:

1. Mandatory academic advising and/or mentoring of students.
2. Exit interview and/or survey as a graduation requirement

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.
Students qualify for direct entry to the Department if they have completed the following courses at a Florida College System institution or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

**Mathematics:**

**Courses at USF**
- MAC 2281 Engineering Calculus I
- MAC 2282 Engineering Calculus II
- MAC 2283 Engineering Calculus III
- MAP 2302 Differential Equations

**Courses at a Florida College System Institution**
- MAC X311 or MAC X281
- MAC X312 or MAC X282
- MAC X313 or MAC X283
- MAP X302

**Natural Sciences:**

**Courses at USF**
- CHM 2045/CHM 2045L General Chemistry I with Lab or CHS 2440/2440L General Chemistry for Engineers with Lab
- PHY 2048 PHY 2048L General Physics I - Calculus Based with Lab
- PHY 2049 PHY 2049L General Physics II - Calculus Based with Lab
- COP XXXX Intro Programming In C, C++, JAVA or equivalent Language

**Courses at a Florida College System Institution**
- CHM X045/X045L or CHM X045C or CHS X440/X440L
- PHY X048/X048L or PHY X048C
- PHY X049/X049L or PHY X049C
- COP XXXX

**REQUIREMENTS FOR THE MAJOR IN COMPUTER ENGINEERING**

**TOTAL MAJOR HOURS: 110**

**MAJOR REQUIREMENTS FOR THE B.S.C.P. DEGREE:**

**MAJOR CORE (98 HOURS)**

**Math and Science (27 credit hours)**
- MAC 2281 Engineering Calculus I or MAC 2311 Calculus I
- MAC 2282 Engineering Calculus II or MAC 2312 Calculus II
- MAC 2283 Engineering Calculus III or MAC 2313 Calculus III
- MAP 2302 Differential Equations or EGN 3433 Modeling and Analysis of Engineering Systems
- CHM 2045 General Chemistry I or CHS 2440 Chemistry for Engineers
- CHM 2045L General Chemistry I Laboratory or CHS 2440L Chemistry for Engineers Lab
- PHY 2048 General Physics I
- PHY 2048L General Physics I Laboratory
- PHY 2049 General Physics II
- PHY 2049L General Physics II Laboratory

**Basic Engineering (17 credit hours)**
- EGN 3000 Foundations of Engineering
- EGN 3000L Foundations of Engineering Lab
- EGN 3373 Introduction to Electrical Systems I
- EGN 3443 Probability and Statistics for Engineers
Specialization (45 credit hours)

- COP 2510 Programming Concepts
- COP 3514 Program Design
- COP 3331 Object-Oriented Software Design
- COP 4530 Data Structures
- COP 4600 Operating Systems
- CDA 3103 Computer Organization
- CDA 3201 Computer Logic and Design
- CDA 3201L Computer Logic and Design Lab
- CDA 4203 Computer System Design
- CDA 4203L Computer System Design Lab
- CDA 4205 Computer Architecture
- CDA 4213 CMOS-VLSI Design
- CDA 4213L CMOS-VLSI Design Lab
- COT 3100 Introduction to Discrete Structures
- COT 4400 Analysis of Algorithms
- CIS 4250 Ethical Issues and Professional Conduct
- CIS 4910 Computer Science Project

Composition and Technical Writing (9 credit hours)

- ENC 1101 Composition I
- ENC 1102 Composition II
- ENC 3246 Communication for Engineers

MAJOR ELECTIVES (12 HOURS)

Departmental upper-level technical electives are classified as “software”, “hardware”, and “theory”. Computer Engineering students must choose 6 hours of hardware electives and an additional, non-overlapping 6 hours of “software”, “hardware”, or “theory” technical electives in the Department. A maximum of six (6) hours combined of CIS 4900 and/or any other supervised individual study (that is, CIS 4915 and CIS 4940) are allowed as Departmental upper-level technical electives.

- Software Electives:
  - CAP 4034 Computer Animation Fundamentals
  - CAP 4063 Web Application Design
  - CAP 4401 Image Processing Fundamentals
  - CAP 4410 Computer Vision
  - CAP 4662 Introduction to Robotics
  - CAP 4800 Systems Simulation
  - CEN 4020 Software Engineering
  - CEN 4072 Software Testing
  - CEN 4721 User Interface Design
  - CIS 4364 Cryptology and Information Security
  - CNT 4004 Computer Networks I
  - CNT 4411 Computing and Network Security
  - CNT 4504 Computer Networks II
  - COP 3257 JAVA Experienced Programmers
  - COP 4020 Programming Languages
  - COP 4365 Software Systems Development
  - COP 4620 Compilers
  - COP 4656 Software Development for Mobile Devices
  - COP 4710 Database Design
• Hardware Electives:
  o **CDA 4253** FPGA Design and Analysis
  o **CDA 4621** Control of Mobile Robots

• Theory Electives:
  o **COT 4115** Advanced Discrete Structures with Cryptology
  o **COT 4210** Automata Theory and Formal Languages
  o **COT 4521** Computational Geometry

• Other Courses
  o **CIS 4900** Independent Study
  o **CIS 4915** Supervised Research
  o **CIS 4940** Industry Internship

The Department's website undergraduate section contains the most up to date list of Departmental upper-level technical electives. The prerequisite for most (but not all) Departmental upper-level technical electives is **CDA 3201** Computer Logic and Design and **COP 4530** Data Structures. Consult with the Department Undergraduate Advisor to learn more about available electives and which courses will and will not count towards the degree. Additional electives may be available with a special topics course number (typically, **CIS 4930**).

### GPA REQUIREMENTS

Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

### COURSE GRADE REQUIREMENT

Continuation in the major requires successful completion of **CDA 3103** and **COP 3514** with minimum grades of B, based on best attempts in each course. Grades of B- are insufficient. These requirements must be met with a maximum of two attempts allowed for each course.

### GRADING REQUIREMENT

Unless otherwise stated, the minimum acceptable grade in all BSCP required math, science, and engineering courses is a C or higher (C is insufficient). The minimum acceptable grade in specialization courses is a C-, except as stated in the major admission and continuation requirements.

### RESIDENCY REQUIREMENT

Transfer students must complete a minimum number of approved specialization courses in the major at USF. The minimum number of USF specialization credit hours required is established by the respective academic department. In no case will this be less than 18 hours. Basic engineering courses are not considered specialization courses. The University residency requirement must also be met.

A dual degree student must meet the requirements of each major and have a minimum of 18 approved specialization hours taken in the degree granting department beyond those specialization hours required for the first degree.

### RESEARCH OPPORTUNITIES

The Research Experiences for Undergraduate Students program in the USF College of Engineering offers undergraduate students an opportunity to directly participate in state-of-the-art research. Professors and graduate students serve as research partners and mentors as undergraduate research assistants participate in the scientific process and gain relevant experience.

There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit **IDS 2912** or **IDS 4914** courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience.
INTERNSHIP OPPORTUNITIES

The College of Engineering and USF’s Career Services Cooperative Education (Co-Op) program provides services for students interested in experiential educational experiences. A wide variety of industries and government agencies offer internships and cooperative education employment opportunities for engineering students. Participants gain valuable expertise in practical applications and other aspects of operations and development in a professional engineering environment. Students normally apply for participation in this program during their first year in the College of Engineering and pursue actual internships during their sophomore, junior and senior years. See the Department Undergraduate Advisor for more information on earning academic credit for internships.

ACCELERATED B.S/M.S. PROGRAM

Students majoring in Computer Engineering have the option to pursue one of the following accelerated programs:

- Accelerated B.S. in Computer Engineering and M.S. in Computer Engineering
- Accelerated B.S. in Computer Engineering and M.S. in Computer Science
- Accelerated B.S. in Computer Engineering and M.S. in Information Technology

ACCREDITATION INFORMATION

The Bachelor of Science in Computer Engineering degree is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

ADVISING INFORMATION

Department Undergraduate Advisor: http://www.usf.edu/engineering/cse/undergraduate/contacts.aspx

COMPUTER ENGINEERING FACULTY


B.S.C.S. - COMPUTER SCIENCE (BCS)

(CIP = 11.0101 - TRACK 1 OF 6)
TOTAL DEGREE HOURS: 120

http://www.usf.edu/engineering/undergraduate/majors.aspx

The Computer Science program focuses on the design, development, and application of software systems. Additional course work in algorithms, discrete structures, object oriented design, data structures, operating systems, digital logic design, computer architecture, and a wide range of advanced electives extend and supplement the core.

Mission Statement

In keeping with the mission of the College of Engineering, the Department of Computer Science and Engineering strives for excellence in teaching, research, and public service. Specifically, the Department aspires to:

1. Lead the advancement of computer science, computer engineering, information technology, and cybersecurity through internationally recognized research and education, as well as technology transfer.
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning.
3. Educate students in the best practices of the field as well as integrate the latest research into the curriculum.
4. Foster the development of problem solving and communication skills as an integral component of the profession.
5. Provide quality learning experiences through effective classroom practices, active learning styles of teaching, and opportunities for meaningful interactions between students and faculty.
Program Educational Objectives and Student Outcomes

The Department has established the following program educational objectives for Computer Science graduates.

Objective 1: Our graduates will apply their knowledge and skills to succeed in their careers and/or obtain advanced degrees.

Objective 2: Our graduates will function ethically and responsibly, and will remain informed and involved as full participants in our profession and society.

Objective 3: Our graduates will creatively solve problems, communicate effectively, and successfully function in multi-disciplinary teams.

Objective 4: Our graduates will apply principles and practices of computing grounded in mathematics and science to successfully complete software-related projects to meet customer business objectives and/or productively engage in research.

The following are the Student Outcomes. Graduates of the program will have an ability to:

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Apply computer science theory and software development fundamentals to produce computing-based solutions. [CS]

Student Enrollment Data

Student enrollment data is posted on the Department website.

Entrance and Continuation Requirements for the Computer Science Major

College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Computer Science. Prior to being admitted to a major, a student may take no more than two Departmental courses. Minimum Admission Requirements for the Computer Science Major

1. Completion of:
   - English Composition I (ENC 1101) and English Composition II (ENC 1102)
   - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)

   All students must complete the equivalent of USF Composition I & II, Engineering Calculus I & II and Calculus-based General Physics I & II (with labs) with minimum grades of C in each course (grades of C- are insufficient). The minimum overall average GPA in these six courses required for admission to the Department is between 3.0 and 3.5 for any given year. The minimum acceptable average GPA will be posted on the Department's website one year prior to the Fall Semester that the revised GPA is applicable. The computed GPA is based on the best attempts in these courses.

2. Completion of COP 2510 with a minimum grade of B (grade of B- is insufficient) or another introductory programming course covering a modern programming language, with an emphasis on programming concepts and design methodology with a minimum grade of B (grade of B- is insufficient).

3. A minimum overall GPA of 2.0
4. A minimum USF GPA of 2.0
Minimum Continuation Requirements for the Computer Science Major

Students meeting the above requirements may be admitted to either of the Computer Science or Computer Engineering degree tracks; however, continuation in the major will be allowed only for students who complete CDA 3103 and COP 3514 with minimum grades of B, based on best attempts in each course (grades of B- are insufficient). These requirements must be met with a maximum of two attempts allowed for each course.

GPA and Grade Requirements

Unless otherwise stated, the minimum acceptable grade in all BSCS required math, science, and engineering courses is a C or higher (C- is insufficient). The minimum acceptable grade in specialization courses is a C-, except as stated in the major admission and continuation requirements. Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

Departmental Policies

In addition to the College’s graduation requirements, the Department has the following policies:

1. Mandatory academic advising and/or mentoring of students.
2. Exit interview and/or survey as a graduation requirement.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Students qualify for direct entry to the Department if they have completed the following courses at a Florida College System institution or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

- COP XXXX Introductory Programming in C, C++, Java, or equivalent language. Choose programming language required by the university to which the student wishes to transfer.
- MAC X311 Calculus I or MAC X281
- MAC X312 Calculus II or MAC X282
- PHY X048/X048L General Physics I with Lab or PHY X048C
- PHY X049/X049L General Physics II with Lab or PHY X049C
- XXX XXXX Six credit hours of Science courses for Science majors

REQUIREMENTS FOR THE MAJOR IN COMPUTER SCIENCE

TOTAL MAJOR HOURS: 99

MAJOR REQUIREMENTS FOR THE B.S.C.S. DEGREE:

MAJOR CORE (77 HOURS)

Math and Science (20 credit hours)

- MAC 2281 Engineering Calculus I or MAC 2311 Calculus I
- MAC 2282 Engineering Calculus II or MAC 2312 Calculus II
- MAC 2283 Engineering Calculus III or MAC 2313 Calculus III
- PHY 2048 General Physics I
Basic Engineering (8 credit hours)
- **EGN 3000** Foundations of Engineering
- **EGN 3000L** Foundations of Engineering Lab
- **EGN 3443** Probability and Statistics for Engineers
- **EGN 4450** Introduction to Linear Systems

Specialization (40 credit hours)
- **COP 2510** Programming Concepts
- **COP 3514** Program Design
- **COP 3331** Object-Oriented Software Design
- **COP 4530** Data Structures
- **COP 4600** Operating Systems
- **CDA 3103** Computer Organization
- **CDA 3201** Computer Logic and Design
- **CDA 3201L** Computer Logic Design Lab
- **CDA 4205** Computer Architecture
- **CEN 4020** Software Engineering
- **COT 3100** Introduction to Discrete Structures
- **COT 4400** Analysis of Algorithms
- **CNT 4419** Secure Coding
- **CIS 4250** Ethical Issues and Professional Conduct

Composition and Technical Writing (9 credit hours)
- **ENC 1101** Composition I
- **ENC 1102** Composition II
- **ENC 3246** Communication for Engineers

MAJOR ELECTIVES (22 HOURS)

- **Software Electives:**
  - **CAP 4034** Computer Animation Fundamentals
  - **CAP 4063** Web Application Design
  - **CAP 4401** Image Processing Fundamentals
  - **CAP 4410** Computer Vision
  - **CAP 4662** Introduction to Robotics
  - **CAP 4800** Systems Simulation
  - **CEN 4072** Software Testing
  - **CEN 4721** User Interface Design
  - **CIS 4364** Cryptology and Information Security
  - **CNT 4004** Computer Networks I
  - **CNT 4411** Computing and Network Security
  - **CNT 4504** Computer Networks II
  - **COP 3257** JAVA Experienced Programmers
  - **COP 4020** Programming Languages
  - **COP 4365** Software Systems Development
  - **COP 4620** Compilers
  - **COP 4656** Software Development for Mobile Devices
  - **COP 4710** Database Design

- **Hardware Electives:**
  - **CDA 4203/CDA 4203L** Computer System Design & Lab
  - **CDA 4213/CDA 4213L** CMOS-VLSI Design & Lab
  - **CDA 4253** FPGA Design and Analysis
  - **CDA 4621** Control of Mobile Robots
• Theory Electives:
  o COT 4115 Advanced Discrete Structures with Cryptology
  o COT 4210 Automata Theory and Formal Languages
  o COT 4521 Computational Geometry

• Other Courses:
  o CIS 4900 Independent Study
  o CIS 4910 Computer Science Project
  o CIS 4915 Supervised Research
  o CIS 4940 Industry Internship

The Department website undergraduate section contains the most up to date list of Departmental upper-level technical electives. The prerequisite for most (but not all) Departmental upper-level technical electives is CDA 3201 Computer Logic and Design and COP 4530 Data Structures. Consult with the Department Undergraduate Advisor to learn more about available electives and which courses will and will not count towards the degree. Additional electives may be available with a special topics course number (typically, CIS 4930).

**GPA REQUIREMENTS**

Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

**COURSE GRADE REQUIREMENT**

Continuation in the major requires successful completion of CDA 3103 and COP 3514 with minimum grades of B, based on best attempts in each course. Grades of B- are insufficient. These requirements must be met with a maximum of two attempts allowed for each course.

**GRADING REQUIREMENT**

Unless otherwise stated, the minimum acceptable grade in all BSCS required math, science, and engineering courses is a C or higher (C- is insufficient). The minimum acceptable grade in specialization courses is a C-, except as stated in the major admission and continuation requirements.

**RESIDENCY REQUIREMENT**

Transfer students must complete a minimum number of approved specialization courses in the major at USF. The minimum number of USF specialization credit hours required is established by the respective academic department. In no case will this be less than 18 hours. Basic engineering courses are not considered specialization courses. The University residency requirement must also be met.

A dual degree student must meet the requirements of each major and have a minimum of 18 approved specialization hours taken in the degree granting department beyond those specialization hours required for the first degree.

**RESEARCH OPPORTUNITIES**

The Research Experiences for Undergraduate Students program in the USF College of Engineering offers undergraduate students an opportunity to directly participate in state-of-the-art research. Professors and graduate students serve as research partners and mentors as undergraduate research assistants participate in the scientific process and gain relevant experience.

There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912 or IDS 4914 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience.
INTERNSHIP OPPORTUNITIES

The College of Engineering and USF’s Career Services Cooperative Education (Co-Op) program provides services for students interested in experiential educational experiences. A wide variety of industries and government agencies offer internships and cooperative education employment opportunities for engineering students. Participants gain valuable expertise in practical applications and other aspects of operations and development in a professional engineering environment. Students normally apply for participation in this program during their first year in the College of Engineering and pursue actual internships during their sophomore, junior and senior years. See the Department Undergraduate Advisor for more information on earning academic credit for internships.

ACCREDITATION INFORMATION

The Bachelor of Science in Computer Science degree is accredited by the Computing Accreditation Commission of ABET, http://www.abet.org.

ADVISING INFORMATION

Department Undergraduate Advisor: http://www.usf.edu/engineering/cse/undergraduate/contacts.aspx

COMPUTER SCIENCE FACULTY


B.S. - CYBERSECURITY (EYB)

(CIP = 11.0103 (TRACK 1 OF 4))
TOTAL DEGREE HOURS: 120
http://www.usf.edu/engineering/undergraduate/majors.aspx

The Cybersecurity major focuses on technology, people, information, and processes to enable assured cyber operations in the context of adversaries. The program is built on a technical foundation of computing and information technology. Students in this program acquire a background in cybersecurity related to information, software, systems, users, and organizations including aspects of policy, human factors, risk management, ethics, and impact on society.

Mission Statement

In keeping with the mission of the College of Engineering, the Department of Computer Science and Engineering strives for excellence in teaching, research, and public service. Specifically, the Department aspires to:

1. Lead the advancement of computer science, computer engineering, information technology, and cybersecurity through internationally recognized research and education, as well as technology transfer.
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning.
3. Educate students in the best practices of the field as well as integrate the latest research into the curriculum.
4. Foster the development of problem solving and communication skills as an integral component of the profession.
5. Provide quality learning experiences through effective classroom practices, active learning styles of teaching, and opportunities for meaningful interactions between students and faculty.

Program Educational Objectives and Student Outcomes

The Department has established the following program educational objectives for the Cybersecurity graduates.

Objective 1: Our graduates will apply their knowledge and skills to succeed in their careers and/or obtain an advanced degree.
Objective 2: Our graduates will function ethically and responsibly, and will remain informed and involved as full participants in our profession and society.

Objective 3: Our graduates will creatively solve problems, communicate effectively, and successfully function in multi-disciplinary teams.

Objective 4: Our graduates will develop and apply principles and practices of cybersecurity to protect computing equipment, data, process, and people from adversaries and exposure.

The following are the Student Outcomes. Graduates of the program will have an ability to:

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Apply security principles and practices to the environment, hardware, software, and human aspects of a system.
7. Analyze and evaluate systems with respect to maintaining operations in the presence of risks and threats.

Student Enrollment Data

Student enrollment data is posted on the Department website.

Entrance and Continuation Requirements for the Cybersecurity Major

Students in good standing who have fully met the below admission requirements may declare a major in Cybersecurity. Prior to being admitted to the major, a student may be permitted to take no more than two Departmental courses.

Minimum Admission Requirements for the Cybersecurity Major

1. Completion of with a minimum acceptable grade for each of the courses is C (grades of C- are insufficient).
   - MAD 2104 Discrete Mathematics
   - CGS 1540 Introduction to Databases for Information Technology
   - COP 2512 Programming Fundamentals for Information Technology
   - COP 2513 Object Oriented Programming for Information Technology
   with a minimum grade of C in each course (grades of C- are insufficient)

   All students must complete the equivalent of USF Discrete Mathematics (MAD 2104), Introduction to Databases for Information Technology (CGS 1540), Programming Fundamentals for Information Technology (COP 2512), and Object Oriented Programming for Information Technology (COP 2513) with minimum grades of C in each course (grades of C- are insufficient). The minimum overall average GPA in these four courses required for admission to the Department is between 2.0 and 3.5 for any given year. The minimum acceptable average GPA will be posted on the Department's website one year prior to the Fall Semester that the revised GPA is applicable. The computed GPA is based on the best attempts in these courses. These requirements must be met with a maximum of two attempts allowed for each course.

2. A minimum overall GPA of 2.0
3. A minimum USF GPA of 2.0
GPA and Grade Requirements

Unless otherwise stated, the minimum acceptable grade in all required math, science, and engineering courses is a C or higher (C- is insufficient). The minimum acceptable grade in state mandated prerequisite courses is a C or higher (C- is insufficient). The minimum acceptable grade in specialization courses is a C-, expect as stated in the program admissions and continuation requirements. Student must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

Departmental Policies

In addition to the College’s graduation requirements, the Department has the following policies:

1. Mandatory academic advising and/or mentoring of students.
2. Exit interview and/or survey as a graduation requirement.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

The minimum acceptable grade in state mandated prerequisite courses is a C or higher (C- is insufficient).

- PSY XXXX Any Psychology course
- STA X023 Introductory Statistics I or STA X122
- ECO X013 Principles of Economics (Macroeconomics)
- CGS XXXX Any Database course
- COP XXXX Any Computer Programming course
- MAC XXXX Any Pre-Calculus course
- PHY XXXX Any Physics course
- XXX XXXX Any Discrete Math course
- COP XXXX Any Object-Oriented Computer Programming course

REQUIREMENTS FOR THE MAJOR IN CYBERSECURITY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 0 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

TOTAL MAJOR HOURS: 105

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (87 HOURS)

Math and Science (16 credit hours)

- STA 2023 Introductory Statistics I
- MAC 1147 Pre-calculus Algebra and Trigonometry
- PHY 2020 Conceptual Physics
- MAD 2104 Discrete Mathematics
- General Education Natural Science Elective
Breadth (6 credit hours)

- **PSY 2012** Introduction to Psychological Science
- **ECO 2013** Economics Principles (Macroeconomics)

Basic Engineering (3 credit hours)

- **EGN 3000** Foundations of Engineering
- **EGN 3000L** Foundations of Engineering Lab

Specialization (53 credit hours)

- **CGS 1540** Introduction to Databases for Information Technology
- **CGS 3303** Information Technology Concepts
- **CIS 3213** Foundations of Cybersecurity
- **CIS 3615** Secure Software Development (USF Sarasota-Manatee course)
- **CEN 3722** Human Computer Interfaces for Information Technology
- **COP 2512** Programming Fundamentals for Information Technology
- **COP 2513** Object Oriented Programming for Information Technology
- **COP 3515** Advanced Program Design for Information Technology
- **CGS 3853** Web Systems for Information Technology
- **CNT 4104** Computer Information Networks for Information Technology
- **CNT 4104L** Computer Information Networks Laboratory for Information Technology
- **CNT 4403** Network Security and Firewalls for IT
- **COP 4538** Data Structures and Algorithms for Information Technology
- **COP 4703** Database Systems for Information Technology
- **CIS 3363** IT Systems Security
- **LIS 4414** Information Policy and Ethics (College of Arts & Sciences course)
- **CIS 4935** Senior Project in Information Technology
- **ISM 4323** Information Security and IT Risk Management (Muma College of Business course)

Composition and Technical Writing (9 credit hours)

- **ENC 1101** Composition I
- **ENC 1102** Composition II
- **ENC 3246** Communication for Engineers

MAJOR ELECTIVES (18 HOURS)

**College of Arts and Sciences – School of Information**

- **CIS 3360** Principles of Information Security
- **CIS 3362** Cryptography and Information Security
- **LIS 4779** Health Information Security
- In addition, special topics courses as relevant

**College of Arts and Sciences – Department of Mathematics and Statistics**

- **MAD 4471** Introduction to Cryptography and Coding Theory
- In addition, special topics courses as relevant

**Muma College of Business – Department of Information Systems Decision Sciences**

- **ISM 4041** Global Cyber Ethics
- **ISM 4571** Cybersecurity Cases
- In addition, special topics courses as relevant

**College of Education – Department of Teaching and Learning**

- **EDG 3801** Cybersecurity and the Everyday Citizen
- In addition, special topics courses as relevant

**College of Behavioral and Community Sciences – Department of Criminology**

- Special topics courses as relevant
USFSM College of Business - Department of Information Technology

- CIS 4203 Cyber Forensics and Investigations
- CIS 4204 Ethical Hacking
- CIS 4368 Database Security and Audits
- CIS 4369 Web Application Security
- In addition, special topics courses as relevant

College of Engineering - Department of Electrical Engineering

- In addition, special topics courses as relevant

College of Engineering – Department of Computer Science and Engineering

- CIS 4361 Information Assurance and Security Management for IT
- CIS 4365 Computer Security Policies and Disaster Preparedness
- CNT 4403 Network Security and Firewalls

The Department website undergraduate section contains the most up-to-date list of Departmental Electives. These posted lists also describe the required pre-requisites for the electives. Additional electives may be available with a Special Topics course number (e.g., COP 4931). Consult with the Department Undergraduate Advisor to learn more about available electives. A maximum of nine (9) hours combined of COP 4900 Independent Study and CIS 4947 Industry Internship for Information Technology are allowed as Department Elective credit, with no more than 3 hours in any one given company for CIS 4947 credit.

GPA REQUIREMENTS

Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

GRADING REQUIREMENT

Unless otherwise stated, the minimum acceptable grade in all major required math, science, and engineering courses is a C or higher (C- is insufficient). The minimum acceptable grade in state mandated prerequisite courses is a C or higher (C- is insufficient). The minimum acceptable grade in specialization courses is a C-, expect as stated in the program admission and continuation requirements.

RESIDENCY REQUIREMENT

Transfer students must complete a minimum number of approved major core courses in the major at USF. The minimum number of USF major core credit hours required is established by the respective academic department. In no case will this be less than 18 hours. Basic engineering courses are not considered specialization courses. The University residency requirement must also be met.

A concurrent degree (dual degree) student must meet the requirements of each major and have a minimum of 18 approved specialization hours taken in the degree granting department beyond those specialization hours required for the first degree.

OTHER REQUIREMENTS

Other Requirements

Currently, a student pursuing the Cybersecurity major may not pursue a second major while simultaneously enrolled in the Cybersecurity undergraduate major.

RESEARCH OPPORTUNITIES

The Research Experiences for Undergraduate Students program in the USF College of Engineering offers undergraduate students an opportunity to directly participate in state-of-the-art research. Professors and graduate students serve as research partners and mentors as undergraduate research assistants participate in the scientific process and gain relevant experience.
There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912 or IDS 4914 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience.

ADVISING INFORMATION

Department Undergraduate Advisor: https://www.usf.edu/engineering/cse/undergraduate/contacts.aspx

CYBERSECURITY FACULTY


B.S.E.E. - ELECTRICAL ENGINEERING (EEL)

(CIP = 14.1001 - TRACK 1 OF 2)
TOTAL DEGREE HOURS: 128

http://www.usf.edu/engineering/undergraduate/majors.aspx

The Electrical Engineering major offers study in all areas fundamental to the analysis, design, and development of electrical devices and systems. The areas covered by the major include foundational topics such as circuits and electrical power, to applications such as Internet of Things, Smart Grid and Data Analytics. The major offers curriculum tracks that include: Bioelectrical Systems, Communication Systems, Energy, Power and Sustainability, Mechatronics, Robotics and Embedded Systems, Wireless Systems and Micro and Nano-scale Systems. Additional information on these areas may be found at: http://www.usf.edu/engineering/ee/documents/trackdescriptions.pdf. Well-equipped laboratories reinforce fundamental concepts, while providing real world hands-on exposure.

Mission Statement

The mission of the Electrical Engineering Department in the College of Engineering at the University of South Florida is to provide a high quality education in electrical engineering for our students and practicing professionals; create new knowledge and solve real world problems via innovative research, and disseminate this information for the benefit of society; and to engage in effective regional, national and international service and outreach.

Program Educational Objectives & Student Outcomes

Educational Objectives

The Electrical Engineering Department in the College of Engineering at the University of South Florida is committed to graduating electrical engineers who shall within a few years of graduation:

- Demonstrate a progression in technical competence and increasing responsibility in the practice of engineering, and the ability to contribute to the diversity of thought and creativity in the workplace.
- Engage in written and oral professional communication within and beyond the engineering community.
- Continue to develop professionally through life-long learning, advanced education, and other creative pursuits in science and technology.

Student Outcomes

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. an ability to communicate effectively with a range of audiences
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Please refer to the mission statement on the department website for additional information.

Student Enrollment Data

Student enrollment data can be found at the department’s website: https://www.usf.edu/engineering/ee/about-us/factsandtrends.aspx

Entrance and Continuation Requirements for the Electrical Engineering Department

College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Electrical Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Upon admission to the department all students must meet with Dr. Ferekides, UG Program Coordinator, to discuss their pathway to graduation, and the department’s Academic Integrity policies.

Minimum Admission Requirement for the Electrical Engineering Department

- Completion of:
  - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282) and Calculus III (MAC 2313 or MAC 2283)
  - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
  - General Chemistry I with Lab (CHM 2045 and CHM 2045L) or (CHS 2440 and CHS 2440L)

- A minimum grade of C in each course and a 2.75 GPA based upon the best attempt in these courses for guaranteed admission to the department, OR a 2.5 GPA based upon the best attempt in these courses for a conditional admission to the department pending review of complete transcript.

- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

Minimum Continuation Requirement for the Electrical Engineering Department

Continuation in the major requires successful completion of Differential Equations with a grade of B (not B-) or higher (best attempt).

GPA and Grade Requirement

Unless otherwise stated, the minimum acceptable grade in BSEE required math, science, engineering and specialization courses is a C or higher (C- is insufficient). Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

Departmental Policies

In addition to the College’s graduation requirement, the department has the following policies:

1. Students must consult with an academic advisor for the development of their individual academic study plan, and selection and approval of their Electrical Engineering Technical Electives.
2. Students must complete Exit interviews as a graduation requirement.
STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Students qualify for direct entry to the department if they have completed the following courses at a Florida College System institution or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Mathematics:

Courses at USF
- MAC 2281 Engineering Calculus I
- MAC 2282 Engineering Calculus II
- MAC 2283 Engineering Calculus III
- MAP 2302 Differential Equations

Courses at a Florida College System Institution
- MAC X311 or MAC X281
- MAC X312 or MAC X282
- MAC X313 or MAC X283
- MAP X302 or MAP X305

Natural Sciences:

Courses at USF
- CHM 2045/CHM 2045L General Chemistry I with Lab or CHS 2440/2440L General Chemistry for Engineers with Lab
- PHY 2048/PHY 2048L General Physics I - Calculus Based with Lab
- PHY 2049/PHY 2049L General Physics II - Calculus Based with Lab

Courses at a Florida College System Institution
- CHM X045/X045L or CHM X045C or CHS X440/X440L
- PHY X048/X048L or PHY X048C or PHY X043/X048L or PHY X041/X048L
- PHY X049/X049L or PHY X049C or PHY X044/X049L or PHY X042/X049L

REQUIREMENTS FOR THE MAJOR IN ELECTRICAL ENGINEERING

TOTAL MAJOR HOURS: 116

MAJOR REQUIREMENTS FOR THE B.S.E.E. DEGREE:

MAJOR CORE (99 HOURS)

Math and Science (27 credit hours)
- MAC 2281 Engineering Calculus I or MAC 2311 Calculus I
- MAC 2282 Engineering Calculus II or MAC 2312 Calculus II
- MAC 2283 Engineering Calculus III or MAC 2313 Calculus III
• **MAP 2302** Differential Equations or **EGN 3433** Modeling and Analysis of Engineering Systems
• **CHM 2045** General Chemistry I or **CHS 2440** Chemistry for Engineers
• **CHM 2045L** General Chemistry I Laboratory or **CHS 2440L** Chemistry for Engineers Lab
• **PHY 2048** General Physics I
• **PHY 2048L** General Physics I Laboratory
• **EEL 3472C** Electrical Engineering Science II - Electromagnetics or
  o **PHY 2049** General Physics II and **PHY 2049L** General Physics II Laboratory
  ▪ Note: **EEL 3472C** is required and will apply as a major elective if Physics II is transferred.

### Basic Engineering (9 credit hours)

- **EGN 3000** Foundations of Engineering
- **EGN 3000L** Foundations of Engineering Laboratory
- **EGN 3443** Probability and Statistics for Engineers
- **EGN 3615** Engineering Economics with Social and Global Implications

### Major Core (40 credit hours)

- **Required Core (28 credit hours)**
  - **EEE 3394** Electrical Engineering Science I - Electronic Materials
  - **EEL 2161** Programming with C
  - **EEL 3115L** Laboratory I
  - **EEL 3163C** Computer Tool Laboratory
  - **EEL 3705** Fundamentals of Digital Circuits
  - **EEL 3705L** Fundamentals of Digital Circuits Laboratory
  - **EEL 4102** Signals and Systems
  - **EGN 3373** Introduction to Electrical Systems I
  - **EGN 3374** Introduction to Electrical Systems II
  - **EGN 3420** Engineering Analysis
  - **EGS 2070** Professional Formation of Engineers 1
  - **EGS 3071** Professional Formation of Engineers 2
  - **EGS 3072** Professional Formation of Engineers 3

- **Elective Core (12 credit hours)**
  - Students must choose four (4) out of the six (6) courses listed below. Each course serves as a “gateway” to the Technical Tracks (see technical tracks and technical electives lists below).
    - **EEE 3302** Electronics I (Gateway Course for Technical Track #1)
    - **EEL 4512C** Introduction to Communication Systems (Gateway Course for Technical Track #2)
    - **EGN 3375** Electromechanical systems (Gateway Course for Technical Track #3)
    - **EEL 4657** Linear Control Systems (Gateway Course for Technical Track #4)
    - **EEL 4351C** Semiconductor Devices (Gateway Course for Technical Track #5)
    - **EEL 4423C** Wireless Circuits & Systems Design Laboratory (Gateway Course for Technical Track #6)

### Major Specialization (14 credit hours)

Students must choose a minimum of two (2) technical tracks as areas of specialization and select at least two (2) 3-credit hour courses and one (1) 1-credit hour laboratory from courses listed under each track, except Track 6 in which the lab component is included in the Gateway course. Courses cannot be double counted across tracks.

See Track and Technical Electives lists below; graduate-level courses are also available under each track area.

- **Track 1: Bioelectrical Systems**
  - **EEE 4260C** Bioelectricity
  - **EEE 4271** Biomedical Engineering
  - **EEE 4410** System on a Chip
  - **EEE 4506** Biomedical Image Processing
  - **EEL 3116L** Laboratory II
• Track 2: Communication Systems
  o EEL 4595 Mobile and Personal Communication
  o EEL 4727C Digital Signal Processing with Field Programmable Gate Arrays
  o EEL 4756 Digital Signal Processing
  o EEL 4936 Wireless Communications Lab (Special Electrical Engineering Topics 1)
  o EEL 4743L Microprocessor Lab
  o EEL 4423C Wireless Circuits & Systems Design Lab

• Track 3: Energy, Power, and Sustainability
  o EEL 4212 Energy Delivery Systems
  o EEL 4214 Electric (Utility) Distribution Systems
  o EEL 4224 Electric Machines and Drives
  o EEL 4241 Power Electronics
  o EEL 4251 Power System Analysis
  o EEL 4252 Power Systems II
  o EEL 4271 Power System Protection
  o EEL 4283 Sustainable Energy
  o EEL 4295 Power Quality
  o EEL 4206L Electromechanical Energy System Laboratory

• Track 4: Mechatronics, Robotics, and Embedded Systems
  o EEL 3100 Network Analysis and Design
  o EEL 4657L Linear Control Systems Laboratory
  o EEL 4740 Embedded Systems
  o EEL 4743L Microprocessor Laboratory
  o EEL 4744 Microprocessor Principles and Applications
  o EGN 3060 Mechatronics for Innovation

• Track 5: Wireless Circuits and Systems
  o EEL 4420 RF & Microwave Measurements
  o EEL 4421 RF/Microwave Circuits I
  o EEL 4422 RF/Microwave Circuits II
  o EEL 4461 Antenna Theory

Track 6: Micro and Nano-scale Systems
  o EEE 3302 Electronics I
  o EEE 4274 MEMS I: Chemical/Biomedical Sensors and Microfabrication
  o EEE 4301 Electronics II
  o EEE 4359 Analog CMOS/VLSI Design
  o EEL 3116L Laboratory II
  o EEL 4567 Electro-Optics

Capstone Design Sequence (6 credit hours)
  • EEL 4906 EE Design I
  • EEL 4914 EE Design II

Technical Writing (3 credit hours)
  • ENC 3246 Communication for Engineers

MAJOR ELECTIVES (17 HOURS)

Select 17 credit hours of course and laboratory work from any of the Electrical Engineering upper-level (3000- or 4000-level) courses listed in the Undergraduate Catalog. Students may choose more coursework under the two specialization tracks, or choose breadth over depth by choosing courses in other Electrical Engineering areas.

One 3-credit hour course may be taken outside of the Electrical Engineering department, with prior department approval.
Entrance Requirements for the Electrical Engineering Major

College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Electrical Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Upon admission to the department all students must meet with Dr. Ferekides, UG Program Coordinator, to discuss their pathway to graduation, and the department’s Academic Integrity policies.

Minimum Admission Requirements for the Electrical Engineering Major

- Completion of:
  - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282) and Calculus III (MAC 2313 or MAC 2283)
  - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
  - General Chemistry I with Lab (CHM 2045 and CHM 2045L) or (CHS 2440 and CHS 2440L)

- A minimum grade of C in each course and a 2.75 GPA based upon the best attempt in these courses for guaranteed admission to the department, OR a 2.5 GPA based upon the best attempt in these courses for a conditional admission to the department pending review of complete transcript.

- A minimum overall GPA of 2.0

- A minimum USF GPA of 2.0

Minimum Continuation Requirements for the Electrical Engineering Major

Continuation in the major requires successful completion of Differential Equations with a grade of B (not B-) or higher (best attempt).

Departmental Policies

In addition to the College’s graduation requirement, the department has the following policies:

1. Students must consult with an academic advisor/mentor for the development of their individual academic study plan, and selection and approval of their Electrical Engineering Technical Electives. To schedule an appointment send an email to: ENG-EEAdvising@usf.edu

2. Students must complete Exit interviews as a graduation requirement.

GPA REQUIREMENTS

Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

COURSE GRADE REQUIREMENT

Continuation in the major requires successful completion of Differential Equations with grades of B (not B-) or higher (best attempt).

GRADING REQUIREMENT

Unless otherwise stated, the minimum acceptable grade in BSEE required math, science, engineering and specialization courses is a C or higher (C- is insufficient).

RESIDENCY REQUIREMENT

Transfer students must complete a minimum number of approved specialization courses in the major at USF. The minimum number of USF specialization credit hours required is established by the respective academic department. In no case will this be less than 18 hours. Basic engineering courses are not considered specialization courses. The University residency requirement must also be met.

A dual degree student must meet the requirements of each major and have a minimum of 18 approved specialization hours taken in the degree granting department beyond those specialization hours required for the first degree.
RESEARCH OPPORTUNITIES

The Research Experiences for Undergraduate Students program in the USF College of Engineering offers undergraduate students an opportunity to directly participate in state-of-the-art research. Graduate students and professors serve as research partners and mentors as undergraduate research assistants participate in the scientific process and gain relevant experience.

There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience.

INTERNSHIP OPPORTUNITIES

The College of Engineering and USF's Career Services Cooperative Education (Co-Op) program provides services for students interested in experiential educational experiences. A wide variety of industries and government agencies offer internships and cooperative education employment opportunities for engineering students. Participants gain valuable expertise in practical applications and other aspects of operations and development in a professional engineering environment. Students normally apply for participation in this program during their first year in the engineering college and pursue actual internships during their sophomore, junior, and senior years.

Students seeking to secure an internship, are strongly encouraged to sign up on Handshake (https://usf.joinhandshake.com/login) and complete their profile. Internships cannot be used toward course credit. Students who wish for this activity to appear on their official transcripts, they can sign up for a 0-credit internship course (EGN 3940 – Professional Engineering Internship).

ACCELERATED B.S/M.S. PROGRAM

Students majoring in Electrical Engineering have the option to pursue one of the following accelerated programs:

- B.S.E.E in Electrical Engineering and M.S.E.E in Electrical Engineering

ACCREDITATION INFORMATION

The Bachelor of Science in Electrical Engineering degree is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

ADVISING INFORMATION

All incoming freshman and transfer students must meet with one of the college advisors in the Engineering Student Services (ESS).

Engineering Student Services
Office: Engineering Building III (ENC) 1302
Phone: (813) 974-2684
Email: eng-advisingmail@usf.edu
Website

Students accepted into the EE Department should meet with the EE Department Undergraduate Program Director, with any questions.

Dr. Ferekides, UG, Program Director, Engineering Building II (ENB) 256, (813) 974-2369
Ms. Cherie Dilley, Academic Services Administrator, Engineering Building II (ENB) 379E, (813) 974-2659
Email: ENG-EEAdvising@usf.edu

ELECTRICAL ENGINEERING FACULTY

Industrial engineering (IE) is a field of study intended for individuals who are interested in formulating mathematical, statistical, and computer simulation models of complex systems in manufacturing, logistics, information, healthcare, transportation, financial, utilities, entertainment, and service. IEs connect big data sets and models to make engineering decisions for improving system performance and developing public policies. Unlike traditional disciplines in engineering, the scope of the industrial engineering field is very broad.

Mission Statement
The mission of the IMSE Department is to:

- Assure student success through a high quality education which integrates the latest research and practices of the field;
- Pursue excellence in interdisciplinary research and innovation;
- Engage with the profession and the community.

Please see the mission statement on the department website for additional information.

Program Educational Objectives and Student Outcomes

Program Educational Objectives
Our graduates are expected to:

1. Have applied industrial engineering effectively and creatively
2. Have demonstrated effective communication and teamwork
3. Have engaged in community service and leadership
4. Have continued to pursue life-long learning

Student Outcomes
The graduates of the B.S. degree program in Industrial Engineering at USF will demonstrate that they have:

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. an ability to communicate effectively with a range of audiences.
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Student Enrollment Data
Student enrollment data is posted on the Department website.

Entrance Requirements for the Industrial Engineering Department
College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Industrial Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental Engineering courses.

Preferred Admission Requirements for the Industrial Engineering Department

1. Completion of:
   - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282) and Calculus III (MAC 2313 or MAC 2283)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)
   - General Chemistry I with Lab (CHM 2045 and CHM 2045L) or (CHS 2440 and CHS 2440L)
     A minimum grade of C in each course and a 3.0 GPA based upon the best attempt in these courses.

2. A minimum overall GPA of 2.5

3. A minimum USF GPA of 2.5

Students who meet the minimum USF GPA and overall GPA requirements, but not the preferred qualifications may submit a Conditional Admission Application to the IMSE Undergraduate Committee for consideration. Fall applications are due by October 1st. Spring applications are due by March 1st.

Minimum Continuation Requirement for the Industrial Engineering Department

Continuation in the major requires successful completion of EGN 3443 Probability and Statistics for Engineers with a grade of B (not B-) or higher (best attempt).

GPA and Grade Requirement

Unless otherwise stated, the minimum acceptable grade in all BSIE required math, science, engineering, and specialization courses is a C or higher (C- is insufficient). Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Students qualify for direct entry to the department if they have completed the following courses at a Florida College System institution or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Mathematics:

Courses at USF

- MAC 2281 Engineering Calculus I
- MAC 2282 Engineering Calculus II
- MAC 2283 Engineering Calculus III
- MAP 2302 Differential Equations
Courses at a Florida College System Institution

- MAC X311 or MAC X281
- MAC X312 or MAC X282
- MAC X313 or MAC X283
- MAP X302 or MAP X305

Natural Sciences:

Courses at USF

- CHM 2045/CHM 2045L General Chemistry I with Lab or CHS 2440/2440L General Chemistry for Engineers with Lab
- PHY 2048/PHY 2048L General Physics I - Calculus Based with Lab
- PHY 2049/PHY 2049L General Physics II - Calculus Based with Lab

Courses at a Florida College System Institution

- CHM X045/X045L or CHM X045C or CHS X440/X440L
- PHY X048/X048L or PHY X048C or PHY X043/X048L
- PHY X049/X049L or PHY X049C or PHY X044/X049L

REQUIREMENTS FOR THE MAJOR IN INDUSTRIAL ENGINEERING

TOTAL MAJOR HOURS: 113

MAJOR REQUIREMENTS FOR THE B.S.I.E. DEGREE:

MAJOR CORE (104 HOURS)

The BSIE Senior Design Project is a full academic year experience. Therefore EIN 4890 (Senior Design Project I) and EIN 4891 (Senior Design Project II) must be taken sequentially and completed within the same academic year.

Math and Science (27 credit hours)

- MAC 2281 Engineering Calculus I or MAC 2311 Calculus I
- MAC 2282 Engineering Calculus II or MAC 2312 Calculus II
- MAC 2283 Engineering Calculus III or MAC 2313 Calculus III
- MAP 2302 Differential Equations or EGN 3433 Modeling and Analysis of Engineering Systems
- CHS 2440 General Chemistry for Engineers or CHM 2045 General Chemistry I
- CHS 2440L General Chemistry for Engineers Laboratory or CHM 2045L General Chemistry I Lab
- PHY 2048 General Physics I
- PHY 2048L General Physics I Laboratory
- PHY 2049 General Physics II
- PHY 2049L General Physics II Laboratory

Basic Engineering (26 credit hours)

- EGN 3000 Foundations of Engineering
- EGN 3000L Foundations of Engineering Lab
- EGN 3443 Probability & Statistics for Engineering
- EGN 4450 Introduction to Linear Systems
- EGN 1113 Introduction to Design Graphics
- EGN 3311 Statics
- EGN 3373 Introduction to Electrical Systems I
- EGN 3365 Materials Engineering I
- EGN 3343 Thermodynamics I
- EGN 3615 Engineering Economics with Social and Global Implications

Specialization (48 credit hours)

- ESI 4007 Engineering Programming
- EIN 4312C Work Analysis
- EIN 4621 Manufacturing Processes
COLLEGE OF ENGINEERING

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- ESI 4312 Deterministic O.R.
- EIN 4333 Production Control
- ESI 4221 Statistical Quality Control
- ESI 4313 Probabilistic O.R.
- ESI 4620 Design of Industrial Information Systems
- ESI 4606 Engineering Analytics I
- EIN 4890 Industrial Engineering Senior Design Project I
- ESI 4244 Design of Experiments
- ESI 4523 Systems Simulation
- EIN 4243C Human Factors
- EIN 4801C Automation and Robotics
- EIN 4891 Industrial Engineering Senior Design Project II
- ESI 4607 Engineering Analytics II

Technical Writing (3 credit hours)
- ENC 3246 Communication for Engineers

MAJOR ELECTIVES (9 HOURS)

Nine (9) credit hours of Departmental Upper-Level Electives (Industrial Engineering Technical Elective)

- EIN 4142 Project Management
- EIN 4172 ISO 9000/14000
- EIN 4173 Quality Systems Management
- EIN 4180 Principles of Engineering Management
- EIN 4200 Creativity in Technology
- EIN 4213 Engineering Systems Safety
- EIN 4214 Occupational Safety Engineering
- EIN 4385 Management of Technical Change
- EIN 4453 Advanced Lean Six Sigma
- EIN 4933 Special Topics in Industrial Engineering
- EIN 5180 Principles of Engineering Management
- EIN 5275 Work Physiology and Biomechanics
- EIN 5510 Manufacturing Systems Analysis
- ESI 4326 Engineering the Supply Chain
- ESI 5236 Reliability Engineering
- ESI 5522 Computer Simulation

Entrance Requirements for the Industrial Engineering Department

College of Engineering students who have fully met the preferred admission requirements below and are in good academic standing, may declare a major in Industrial Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental Engineering courses.

Preferred Admission Requirements for the Industrial Engineering Department

1. Completion of:
   - Calculus I (MAC 2311 or MAC 2281) and Calculus II (MAC 2312 or MAC 2282) and Calculus III (MAC 2313 or MAC 2283)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)
   - General Chemistry I with Lab (CHM 2045 and CHM 2045L) or (CHS 2440 and 2440L)

   A minimum grade of C in each course and a 3.0 GPA based upon the best attempt in these courses.

2. A minimum overall GPA of 2.5

3. A minimum USF GPA of 2.5

Students who meet the minimum USF GPA and overall GPA requirements, but not the preferred qualifications may submit a Conditional Admission Application to the IMSE Undergraduate Committee for consideration. Fall applications are due by October 1st. Spring applications are due by March 1st.
Minimum Continuation Requirement for the Industrial Engineering Department

Continuation in the major requires successful completion of EGN 3443 Probability and Statistics for Engineers with a grade of B (not B-) or higher (best attempt).

GPA REQUIREMENTS

Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

GRADING REQUIREMENT

The minimum acceptable grade in all BSIE required math, science, engineering, and specialization courses is a C or higher (C- is insufficient).

Major Course Grade Requirement

Continuation in the major requires successful completion of EGN 3443 Probability and Statistics for Engineers with a grade of B (not B-) or higher (best attempt).

RESIDENCY REQUIREMENT

Transfer students must complete a minimum number of approved specialization courses in the major at USF. The minimum number of USF specialization credit hours required is established by the respective academic department. In no case will this be less than 18 hours. Basic engineering courses are not considered specialization courses. The University residency requirement must also be met.

A dual degree student must meet the requirements of each major and have a minimum of 18 approved specialization hours taken in the degree granting department beyond those specialization hours required for the first degree.

OTHER REQUIREMENTS

The Department has the following policies:

- Mandatory academic advising of students for each term,
- Exit interviews as a graduation requirement,
- Students are encouraged to take the FE Exam.

RESEARCH OPPORTUNITIES

The Research Experiences for Undergraduate (REU) Students program in the USF College of Engineering offers undergraduate students an opportunity to directly participate in state-of-the-art research. Graduate students and professors serve as research partners and mentors as undergraduate research assistants participate in the scientific process and gain relevant experience. Contact Dr. Grisselle Centeno at gcenteno@usf.edu for further information on REU opportunities in Industrial Engineering.

INTERNSHIP OPPORTUNITIES

The College of Engineering and USF’s Career Services Cooperative Education (Co-Op) program provides services for students interested in experiential educational experiences. A wide variety of industries and government agencies offer internships and cooperative education employment opportunities for engineering students. Participants gain valuable expertise in practical applications and other aspects of operations and development in a professional engineering environment. Students normally apply for participation in this program during their first year in the engineering college and pursue actual internships during their sophomore, junior, and senior years. The IMSE department strongly encourages all BSIE students to pursue internship opportunities and provides continual information to students as new opportunities become available.

ACCELERATED B.S/M.S. PROGRAM

Students majoring in Industrial Engineering have the option to pursue one of the following accelerated programs:

- B.S.I.E. in Industrial Engineering and M.S.B.E. in Biomedical Engineering
- B.S.I.E. in Industrial Engineering and M.S.E.M. in Engineering Management
ACCREDITATION INFORMATION

The Bachelor of Science in Industrial Engineering degree is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

ADVISING INFORMATION

Students who wish to declare Industrial Engineering as their major must apply to be admitted into the department. A department application and an IE flowchart with courses completed must be obtained from Engineering Student Services in Engineering Building III (ENC) 1302 prior to an initial advising appointment request in the department. This should be done when the four core prerequisites of EGN 1113 Introduction to Engineering Graphics, EGN 3443 Probability and Statistics for Engineers, EGN 4450 Linear Systems, and EGN 3615 Engineering Economics with Social and Global Implications have been satisfactorily completed, and the minimum entrance requirements are met. The first departmental advising session will be scheduled with the Undergraduate Director, Dr. Kingsley Reeves. Subsequently, the student will be assigned to an IE faculty as their permanent advisor for the remainder of their semesters until completion of their degree.


INDUSTRIAL ENGINEERING FACULTY


B.S.I.T. - INFORMATION TECHNOLOGY (ITC)

(CIP = 11.0103 - TRACK 1 OF 4)
TOTAL DEGREE HOURS: 120

http://www.usf.edu/engineering/undergraduate/majors.aspx

The Information Technology program focuses on programming, databases, networking, human-computer interaction, web systems, and cybersecurity to meet the technology requirements of business, government, healthcare, education, and other organizations. Students in this program acquire the right combination of fundamental knowledge and practical expertise to solve computing technology problems and meet user needs.

Mission Statement

In keeping with the mission of the College of Engineering, the Department of Computer Science and Engineering strives for excellence in teaching, research, and public service. Specifically, the Department aspires to:

1. Lead the advancement of computer science, computer engineering, information technology, and cybersecurity through internationally recognized research and education, as well as technology transfer.
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning.
3. Educate students in the best practices of the field as well as integrate the latest research into the curriculum.
4. Foster the development of problem solving and communication skills as an integral component of the profession.
5. Provide quality learning experiences through effective practices, active learning styles of teaching, and opportunities for meaningful interactions between students and faculty.

Program Educational Objectives and Student Outcomes

The Department has established the following program educational objectives for the Computer Engineering graduates.

Objective 1: Our graduates will apply their knowledge and skills to succeed in their careers and/or obtain an advanced degree.

Objective 2: Our graduates will function ethically and responsibly, and will remain informed and involved as full participants in our profession and society.
Objective 3: Our graduates will creatively solve problems, communicate effectively, and successfully function in multi-disciplinary teams.

Objective 4: Our graduates will apply principles and practices of information technology to identify, implement, and maintain cost-effective technologies and apply fundamental computing knowledge to solve information technology problem.

The following are the Student Outcomes. Graduates of the program will have an ability to:

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Identify and analyze user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computing-based systems. [IT]

Student Enrollment Data

Student enrollment data is posted on the Department website.

Entrance and Continuation Requirements for the Information Technology Major Program

Students in good standing who have fully met the below admission requirements may declare a major in Information Technology. Prior to being admitted to a program, a student may be permitted to take no more than two Departmental courses.

Minimum Admission Requirements for the Information Technology Major

1. Completion of the following courses with a minimum grade of C in each course (grades of C- are insufficient):
   - MAD 2104 Discrete Mathematics
   - CGS 1540 Introduction to Databases for Information Technology
   - COP 2512 Programming Fundamentals for Information Technology
   - COP 2513 Object Oriented Programming for Information Technology

   All students must complete the equivalent of USF Discrete Mathematics (MAD 2104), Introduction to Databases for Information Technology (CGS 1540), Programming Fundamentals for IT (COP 2512), and Object Oriented Programming for IT (COP 2513) with minimum grades of C in each course (grades of C- are insufficient). The minimum overall average GPA in these four courses required for admission to the department is between 2.0 and 3.5 for any given year. The minimum acceptable average GPA will be posted on the department's website one year prior to the Fall semester that the revised GPA is applicable. The computed GPA is based on the best attempts in these courses. These requirements must be met with a maximum of two attempts allowed for each course. A minimum overall GPA of 2.0 A minimum USF GPA of 2.0

GPA and Grade Requirements

Unless otherwise stated, the minimum acceptable grade in all BSIT required math, science, and engineering courses is a C or higher (C- is insufficient). The minimum acceptable grade in state mandated prerequisite courses is a C or higher (C- is insufficient). The minimum acceptable grade in specialization courses is a C-, except as stated in the major admissions and continuation requirements. Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

Departmental Policies

In addition to the College's graduation requirements, the department has the following policies:

1. Mandatory academic advising and/or mentoring of students.
2. Exit interview and/or survey as a graduation requirement.
STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

The minimum acceptable grade in state mandated prerequisite courses is a C or higher (C- is insufficient).

- PSY XXXX Any Psychology course
- STA X023 Introductory Statistics I or STA X122
- ECO X013 Principles of Economics (Macroeconomics)
- CGS XXXX Any Database course
- COP XXXX Any Computer Programming course
- MAC XXXX Any Pre-Calculus course
- PHY XXXX Any Physics course
- XXX XXXX Any Discrete Mathematics course
- COP XXXX Any Object-Oriented Computer Programming course

REQUIREMENTS FOR THE MAJOR IN INFORMATION TECHNOLOGY

TOTAL MAJOR HOURS: 105

MAJOR REQUIREMENTS FOR THE B.S.I.T. DEGREE:

MAJOR CORE (87 HOURS)

Math and Science (16 credit hours)

- STA 2023 Introductory Statistics I
- MAC 1147 Precalculus Algebra and Trigonometry
- MAD 2104 Discrete Mathematics
- PHY 2020 Conceptual Physics
- Gen Ed Natural Science Elective

Breadth (9 credit hours)

- PSY 2012 Introduction to Psychological Science
- ECO 2013 Economics Principles (Macroeconomics)
- INR 3033 International Political Cultures

Basic Engineering (3 credit hour)

- EGN 3000 Foundations of Engineering
- EGN 3000L Foundations of Engineering Lab

Specialization (50 credit hours)

- CEN 3722 Human Computer Interfaces for Information Technology
- CGS 1540 Introduction to Databases for Information Technology
- CGS 3303 Information Technology Concepts
- CGS 3853 Web Systems for Information Technology
- CIS 3213 Foundations of Cyber Security
- CIS 3433 System Architecture and Integration for Information Technology
- CIS 4083 Cloud Computing for Information Technology
## MAJOR ELECTIVES (18 HOURS)

Students choose 18 credit hours of approved IT departmental electives from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEN 4360</td>
<td>Mobile Applications Development for IT</td>
</tr>
<tr>
<td>CGS 3845</td>
<td>Electronic Commerce</td>
</tr>
<tr>
<td>CIS 4200</td>
<td>Penetration Testing for IT</td>
</tr>
<tr>
<td>CIS 4361</td>
<td>Information Assurance and Security Management for IT</td>
</tr>
<tr>
<td>CIS 4412</td>
<td>Resource Management for IT</td>
</tr>
<tr>
<td>CIS 4947</td>
<td>Industry Internship for IT</td>
</tr>
<tr>
<td>CNT 4403</td>
<td>Network Security and Firewalls</td>
</tr>
<tr>
<td>COP 3353</td>
<td>User-level introduction to Linux for IT</td>
</tr>
<tr>
<td>COP 4564</td>
<td>Application Maintenance and Debugging for IT</td>
</tr>
<tr>
<td>COP 4883</td>
<td>Advanced Java Programming for Information Technology</td>
</tr>
<tr>
<td>CTS 4337</td>
<td>Linux Workstations System Administration for IT</td>
</tr>
<tr>
<td>CIS 4900</td>
<td>Independent Study</td>
</tr>
</tbody>
</table>

The Department website undergraduate section contains the most up-to-date list of Departmental Electives. These posted lists also describe the required pre-requisites for the electives. Additional electives may be available with a Special Topics course number (e.g., COP 4931). Consult with the Department Undergraduate Advisor to learn more about available electives. A maximum of nine (9) hours combined of COP 4900 Independent Study and CIS 4947 Industry Internship for Information Technology are allowed as Department credit, with no more than 3 hours in any one given company for CIS 4947 credit.

### GPA REQUIREMENTS

Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

### GRADING REQUIREMENT

Unless otherwise stated, the minimum acceptable grade in all BSIT required math, science, and engineering courses is a C or higher (C- is insufficient). The minimum acceptable grade in state mandated prerequisite courses is a C or higher (C- is insufficient). The minimum acceptable grade in a specialization course is a C-, expect as stated in the major admission and continuation requirements.

### RESIDENCY REQUIREMENT

Transfer students must complete a minimum number of approved major core courses in the major at USF. The minimum number of USF major core credit hours required is established by the respective academic department. In no case will this be less than 18 hours. Basic engineering courses are not considered specialization courses. The University residency requirement must also be met.

A concurrent degree (dual degree) student must meet the requirements of each major and have a minimum of 18 approved specialization hours taken in the degree granting department beyond those specialization hours required for the first degree.
RESEARCH OPPORTUNITIES

The Research Experiences for Undergraduate Students program in the USF College of Engineering offers undergraduate students an opportunity to directly participate in state-of-the-art research. Professors and graduate students serve as research partners and mentors as undergraduate research assistants participate in the scientific process and gain relevant experience.

There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912 or IDS 4914 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience.

INTERNSHIP OPPORTUNITIES

The College of Engineering and USF's Career Services Cooperative Education (Co-Op) program provides services for students interested in experiential educational experiences. A wide variety of industries and government agencies offer internships and cooperative education employment opportunities for engineering students. Participants gain valuable expertise in practical applications and other aspects of operations and development in a professional engineering environment. Students normally apply for participation in this program during their first year in the engineering college and pursue actual internships during their sophomore, junior, and senior years. See the Department Undergraduate Advisor for more information on earning academic credit for internships.

ADVISING INFORMATION


INFORMATION TECHNOLOGY FACULTY


B.S.M.E. - MECHANICAL ENGINEERING (EME)

(CIP = 14.1901)  
TOTAL DEGREE HOURS: 128

http://www.usf.edu/engineering/undergraduate/majors.aspx

Students pursuing the Bachelor of Science in Mechanical Engineering take coursework in thermodynamics, heat transfer, instrumentation, measurements, computer-aided design, solid and fluid mechanics, dynamics, machine analysis and design, mechanical design, manufacturing processes, vibrations and controls. This is supplemented by elective coursework in such areas as sustainability, internal combustion engines, refrigeration and air conditioning, mechanical design, robotics, propulsion, manufacturing, bio-engineering, alternative energy, thermal design, composite materials, and tribology. Laboratories are available for basic instrumentation, thermal and fluid sciences, solid mechanics, data acquisition, controls, CAD/CAE, and vibrations. Graduates of this major are employed in design, manufacturing, contracting, operations, marketing, and management in virtually all segments of industry and government, including, but not limited to: aeronautics, aerospace and propulsion; automotive, internal combustion engines, fuel cells and transportation; propulsion systems; power generation; heating, ventilation and air conditioning; structures and machinery design; mining and oil exploration; paper, textile, food, and petrochemical industries; processing/manufacturing; micro and nano materials and semiconductors; and biomaterials and bioengineering. There are abundant career opportunities in a wide range of industries because mechanical equipment is required in every aspect of modern industry.
Mission Statement
The Mission of the Department of Mechanical Engineering in the College of Engineering at the University of South Florida is to provide a quality undergraduate and graduate education for students entering the mechanical engineering profession or seeking careers in related fields: to advance scientific knowledge through basic and applied research; to disseminate technical information through scholarly publications, conferences and continuing education; to advance the profession through service within the associated societies, and to promote activities which serve global development.

Program Educational Objectives and Student Outcomes

Program Educational Objectives
Our Graduates, within a few years after graduation, will successfully:

A. Apply concepts of science, mathematics, computation, and mechanical engineering, including design theory, experimental techniques and manufacturing.
B. Pursue a productive career using strong critical thinking, innovation, and problem solving skills.
C. Demonstrate professional growth and leadership by using effective communication skills and participating in multi-disciplinary collaborations.
D. Engage in life-long learning and pursue continued career development with professional and ethical responsibility.

Student Outcomes
The graduates of the B.S. degree program in Mechanical Engineering at USF will demonstrate that they have:

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. an ability to communicate effectively with a range of audiences.
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

The curriculum must require students to apply principles of engineering, basic science, and mathematics (including multivariate calculus and differential equations); to model, analyze, design, and realize physical systems, components or processes; and prepare students to work professionally in either thermal or mechanical systems while requiring topics in each area.

Student Enrollment Data
Student enrollment data is posted on the Department website.

Entrance and Continuation Requirements for the Mechanical Engineering Major
College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Mechanical Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses.
Minimum Admission Requirements for Department of Mechanical Engineering

1. Completion of the following courses with a cumulative 3.0 GPA based on best attempt and a minimum grade of C in each course:
   - Calculus I (MAC 2311 or MAC 2281)
   - Calculus II (MAC 2312 or MAC 2282)
   - Calculus III (MAC 2313 or MAC 2283)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)
   - General Chemistry I with Lab (CHM 2045 and CHM 2045L) or (CHS 2440 and CHS 2440L)

2. A minimum overall GPA of 2.5

3. A minimum USF GPA of 2.5

Minimum Continuation Requirements for Department of Mechanical Engineering

Completion of EML 3500 Mechanics of Solids and EGN 3343 Thermodynamics I with a minimum grade of C in each course (C- is insufficient).

GPA and Grading Requirement

The minimum acceptable grade in all BSME required math and science courses is a C or higher (C- is insufficient). The minimum acceptable grade in engineering and specialization courses which are prerequisites to other degree required courses is a C-, excepted as stated in the Department Continuation Requirements. The passing grade for terminal engineering and specialization courses is a C-. Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Students qualify for direct entry to the department if they have completed the following courses at a Florida College System institution or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Mathematics:

Courses at USF

- MAC 2281 Engineering Calculus I
- MAC 2282 Engineering Calculus II
- MAC 2283 Engineering Calculus III
- MAP 2302 Differential Equations

Courses at a Florida College System Institution

- MAC X311 or MAC X281
- MAC X312 or MAC X282
- MAC X313 or MAC X283
- MAP X302 or MAP X305
Natural Sciences:

Courses at USF

- CHM 2045/CHM 2045L General Chemistry I with Lab
- CHS 2440/2440L General Chemistry for Engineers with Lab
- PHY 2048/PHY 2048L General Physics I - Calculus Based with Lab
- PHY 2049/PHY 2049L General Physics II - Calculus Based with Lab

Courses at a Florida College System Institution

- CHM X045/X045L or CHM X045C
- CHS X440/X440L
- PHY X048/X048L or PHY X048C or PHY X043/X048L
- PHY X049/X049L or PHY X049C or PHY X044/X049L

REQUIREMENTS FOR THE MAJOR IN MECHANICAL ENGINEERING

TOTAL MAJOR HOURS: 116

MAJOR REQUIREMENTS FOR THE B.S.M.E. DEGREE:

MAJOR CORE (101 HOURS)

Math and Science (27 credit hours)

- MAC 2281 Engineering Calculus I or MAC 2311 Calculus I
- MAC 2282 Engineering Calculus II or MAC 2312 Calculus II
- MAC 2283 Engineering Calculus III or MAC 2313 Calculus III
- MAP 2302 Differential Equations
- CHS 2440 General Chemistry for Engineers or CHM 2045 General Chemistry I
- CHS 2440L General Chemistry for Engineers Laboratory or CHM 2045 General Chemistry I Laboratory
- PHY 2048 General Physics I
- PHY 2048L General Physics I Laboratory
- PHY 2049 General Physics II
- PHY 2049L General Physics II Laboratory

Basic Engineering (24 credit hours)

- EGN 3000 Foundations of Engineering
- EGN 3000L Foundations of Engineering Laboratory
- EGN 3311 Statics
- EGN 3321 Dynamics
- EGN 3615 Engineering Economics with Social and Global Implications
- EGN 3365 Materials Engineering I
- EGN 3373 Introduction to Electrical Systems I
- EGN 3343 Thermodynamics I
- EGN 3443 Probability & Statistics for Engineers

Specialization (47 credit hours)

- EML 3035 Programming Concepts for Mechanical Engineers
- EML 3500 Mechanics of Solids
- EML 3022 Computer Aided Design and Engineering (CAD)
- EML 3041 Computational Methods
- EML 3262 Kinematics and Dynamics of Machinery
- EML 3701 Fluid Systems
- EML 4325 Mechanical Manufacturing Processes
- EML 3303 Mechanical Engineering Lab I
- EML 4123 Heat Transfer
- EML 4501 Machine Design
- EML 4106C Thermal Systems and Economics
Technical Writing (3 credit hours)

- ENC 3246 Communication for Engineers

MAJOR ELECTIVES (15 HOURS)

12 hours of Upper-Level Departmental Electives (Technical Design Elective) from the list below:

- BME 4332 Cell and Tissue Engineering
- BME 4440 Introduction to Bioastronautics
- EAS 4121 Hydro and Aerodynamics
- EGN 4366 Materials Engineering II
- EML 4141 Thermal Management of Electronic Systems
- EML 4150 Introduction to Composite Materials
- EML 4246 Tribology
- EML 4310 Microcontrollers
- EML 4326 Advanced Materials Processing
- EML 4414 Power Plant Engineering
- EML 4419 Propulsion I
- EML 4421 Internal Combustion Engines
- EML 4503 Sustainable Design and Materials
- EML 4536 Applied FEA
- EML 4552 Senior Mechanical Design
- EML 4575 Principles of Fracture Mechanics
- EML 4593 Haptics
- EML 4601 Air Conditioning Design
- EML 4702 Fluid Dynamics II
- EML 4703 Mechanics of Compressible Fluids
- EML 4905 Independent Study
- EML 4930 Special Topics in Mechanical Engineering
- OSE 4601 Optical Product Technology

3 hours of an Upper-Level Elective

Entrance and Continuation Requirements for the Mechanical Engineering Department

College of Engineering students who have fully met the below admission requirements and are in good academic standing, may declare a major in Mechanical Engineering. Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses.

Minimum Admission Requirements for Department of Mechanical Engineering

1. Completion of the following courses with a cumulative 3.0 GPA based on best attempt and a minimum grade of C in each course:
   - Calculus I (MAC 2311 or MAC 2281)
   - Calculus II (MAC 2312 or MAC 2282)
   - Calculus III (MAC 2313 or MAC 2283)
   - Calculus-based Physics I with Lab (PHY 2048 and PHY 2048L)
   - Calculus-based Physics II with Lab (PHY 2049 and PHY 2049L)
   - General Chemistry I with Lab (CHM 2045 and CHM 2045L) or (CHS 2440 and CHS 2440L)

2. A minimum overall GPA of 2.5

3. A minimum USF GPA of 2.5
Minimum Continuation Requirements for Department of Mechanical Engineering

Completion of EML 3500 Mechanics of Solids and EGN 3343 Thermodynamics I with a minimum grade of C in each course (C- is insufficient).

GPA and Grade Requirements

The minimum acceptable grade in all BSME required math and science courses is a C or higher (C- is insufficient). The minimum acceptable grade in engineering and specialization courses which are prerequisites to other degree required courses is a C-, except as stated in the Department Continuation Requirements. The passing grade for terminal engineering and specialization courses is a C-. Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

Departmental Policies

In addition to the College’s graduation requirements, the Department has the following policies:

1. Mandatory academic advising and/or mentoring of students.
2. Exit interview and/or survey as a graduation requirement.

GPA REQUIREMENTS

Students must have and maintain a minimum 2.0 Math and Science GPA, 2.0 Engineering GPA, 2.0 Specialization GPA, 2.0 USF GPA, and 2.0 Overall GPA.

COURSE GRADE REQUIREMENT

Continuation requires completion of EML 3500 Mechanics of Solids and EGN 3343 Thermodynamics I with a minimum grade of C in each course (C- is insufficient).

GRADING REQUIREMENT

The minimum acceptable grade in all BSME required math and science courses is a C or higher (C- is insufficient). The minimum acceptable grade in engineering and specialization courses which are prerequisites to other degree required courses is a C-, except as stated in the Department Continuation Requirements. The passing grade for terminal engineering and specialization courses is a C-.

RESIDENCY REQUIREMENT

Transfer students must complete a minimum number of approved specialization courses in the major at USF. The minimum number of USF specialization credit hours required is established by the respective academic department. In no case will this be less than 18 hours. Basic engineering courses are not considered specialization courses. The University residency requirement must also be met.

A dual degree student must meet the requirements of each major and have a minimum of 18 approved specialization hours taken in the degree granting department beyond those specialization hours required for the first degree.

RESEARCH OPPORTUNITIES

The Research Experiences for Undergraduate Students program in the USF College of Engineering offers undergraduate students an opportunity to directly participate in state-of-the-art research. Graduate students and professors serve as research partners and mentors as undergraduate research assistants participate in the scientific process and gain relevant experience.

There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912 or IDS 4914 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience.
INTERNSHIP OPPORTUNITIES

The College of Engineering and USF’s Career Services Cooperative Education (Co-Op) program provides services for students interested in experiential educational experiences. A wide variety of industries and government agencies offer internships and cooperative education employment opportunities for engineering students. Participants gain valuable expertise in practical applications and other aspects of operations and development in a professional engineering environment. Students normally apply for participation in this program during their first year in the engineering college and pursue actual internships during their sophomore, junior, and senior years.

ACCELERATED B.S/M.S. PROGRAM

Students majoring in Mechanical Engineering have the option to pursue one of the following accelerated programs:

- B.S.M.E. in Mechanical Engineering and M.S.B.E. in Biomedical Engineering
- B.S.M.E. in Mechanical Engineering and M.M.E. in Mechanical Engineering
- B.S.M.E. in Mechanical Engineering and M.S.M.E. in Mechanical Engineering
- B.S.M.E. in Mechanical Engineering and M.S.E.M. in Engineering Management
- B.S.M.E. in Mechanical Engineering and M.S.M.S.E. in Materials Science and Engineering

ACCREDITATION INFORMATION

The Bachelor of Science in Mechanical Engineering degree is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

ADVISING INFORMATION


Dr. Ajit Mujumdar, Undergraduate Advisor, 813-974-9677, Engineering Building III (ENC) 1201.

MECHANICAL ENGINEERING FACULTY


MINOR IN BIOMEDICAL ENGINEERING (EBI)

TOTAL MINOR HOURS: 15

http://www.usf.edu/engineering/undergraduate/minors.aspx

The Biomedical Engineering minor is open to all Engineering majors and other students who meet the prerequisites listed below. For Engineering majors, at least nine (9) credit hours beyond the B.S. in any Engineering discipline must be completed for the Biomedical Engineering minor.

Student must register with the Department of Chemical & Biomedical Engineering's undergraduate advisor prior to starting this minor.

REQUIREMENTS FOR THE MINOR IN BIOMEDICAL ENGINEERING

This Biomedical Engineering minor is a 15-credit hour program that is open to all Engineering majors and other students who meet the prerequisites listed under additional minor requirements.

MINOR CORE (6 HOURS)

- BME 4100 Biomedical Engineering
- BME 4406 Engineering of Biological Systems
MINOR ELECTIVES (9 HOURS)

The remaining 9 credit hours can be taken from the following list:

- **BCH 3023** Introductory Biochemistry or **BCH 3053** General Biochemistry
- **BME 4332** Cell and Tissue Engineering
- **BME 4440** Introduction to Bioastronautics
- **BME 4409** Engineering Physiology
- **BME 4571** Nanomedicine
- **BME 4931** Selected Topics in Biomedical Engineering**
- **BME 5040** Pharmaceutical Engineering
- **BME 5320** Theory and Design of Bioprocesses
- **BME 5937** Selected Topics in Biomedical Engineering**
- **ECH 4931** Special Topics in Chemical Engineering*
- **ECH 5748** Selected Topics in Biomedical Engineering**
- **EEE 4274** Chemical/Bio Sensors & Microfabrication
- **EEE 4506** Biomedical Image Processing
- **EIN 4243C** Human Factors
- **PHZ 4702** Applications of Physics to Biology & Medicine I
- **PHZ 4703** Applications of Physics to Biology & Medicine II

*The list of approved special topics courses is below.

- **ECH 4931** Special Topics in Chemical Engineering:
  - Bioseparations
  - Modern Biomedical Technologies
  - Research Design Methods & Interpretations
  - Bioelectricity or EEE 4260C Bioelectricity

**Please see academic advisor for selected topics courses.

Prerequisite courses:

1. Biology I: **BSC 2010**
2. Calculus II: **MAC 2282**, **MAC 2242**, or **MAC 2312**
3. Physics II: **PHY 2049** or **PHY 2054**
4. General Chemistry II: **CHM 2046**

OTHER REQUIREMENTS

Student must register with the Department of Chemical & Biomedical Engineering undergraduate advisor prior to starting this minor program.

ADVISING INFORMATION

Scott W. Campbell (campbell@usf.edu)

MINOR IN COMPUTER SCIENCE (BCS)

TOTAL MINOR HOURS: 18

http://www.usf.edu/engineering/undergraduate/minors.aspx

The Computer Science minor covers key topics in the discipline and is an 18 credit hour program that is expected to be attractive to students in other Engineering departments and to students in Mathematics and the Sciences (including Physics, Chemistry, and Biology).

REQUIREMENTS FOR THE MINOR IN COMPUTER SCIENCE

The Computer Science minor is open to all students, except for students majoring in Computer Science, Computer Engineering, Information Technology, and Cybersecurity who meet the prerequisites described below.
MINOR CORE (12 HOURS)

- COP 3514 Program Design
- CDA 3103 Computer Organization
- COP 3331 Object-Oriented Software Design
- COP 4530 Data Structures

MINOR ELECTIVES (6 HOURS)

Two Departmental electives of student’s choice (in consultation with the Department Undergraduate Advisor) for which prerequisites have been met.

Students must register with the Department Undergraduate Advisor prior to starting this minor program. Consultation with the Department Undergraduate Advisor will ensure that students are informed of all offered courses. All catalog prerequisites and registration requirements must be met for enrollment in any of the courses required for the minor.

All students desiring to pursue the minor must meet the same prerequisites, entry, and continuation requirements as a Departmental major.

Note: Introduction to Discrete Structures (COT 3100 or equivalent) is required as a prerequisite for COP 4530 Data Structures and COT 4400 Analysis of Algorithms.

GPA REQUIREMENTS

Successful completion of the minor requires a minimum 2.0 GPA in the above listed courses.

COURSE GRADE REQUIREMENT

Continuation in the minor requires successful completion of CDA 3103 and COP 3514 with minimum grades of B, based on best attempts in each course. Grades of B- are insufficient. These requirements must be met with a maximum of two attempts allowed for each course.

OTHER INFORMATION

Specialty tracks in hardware, software, and theory can be defined in consultation with the Department Undergraduate Advisor. A specific pre-graduate school track intended for students planning to seek admission into the Department graduate program has been defined with 9 hours of electives (for a total 24 hours for the minor). The electives are:

- COT 4400 Analysis of Algorithms
- COP 4600 Operating Systems
- CDA 4205 Computer Architecture

ADVISING INFORMATION

Department Undergraduate Advisor: http://www.usf.edu/engineering/cse/undergraduate/contacts.aspx

MINOR IN INFORMATION TECHNOLOGY (ITC)

TOTAL MINOR HOURS: 21

http://www.usf.edu/engineering/undergraduate/minors.aspx

The Information Technology minor covers key topics in the discipline and is a 21 credit hour program that is expected to be attractive to students in other Engineering departments and to students in Mathematics and the Sciences (including Physics, Chemistry, and Biology) who have no background in software development.

REQUIREMENTS FOR THE MINOR IN INFORMATION TECHNOLOGY

The Information Technology minor is open to all students, except for students majoring in Computer Science, Computer Engineering, Information Technology, and Cybersecurity, who meet the prerequisites described below.

MINOR CORE (15 HOURS)

- CGS 1540 Introduction to Databases for Information Technology
- CGS 3303 IT Concepts
COLLEGE OF ENGINEERING

UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

- **COP 2512** Programming Fundamentals for Information Technology
- **COP 2513** Object Oriented Programming for Information Technology
- **COP 3515** Advanced Program Design for Information Technology

**MINOR ELECTIVES (6 HOURS)**

Two Departmental electives of student’s choice (in consultation with the Department Undergraduate Advisor) for which prerequisites have been met.

Students must register with the Department Undergraduate Advisor prior to starting this minor program. Consultation with the Department Undergraduate Advisor will ensure that students are informed of all offered courses. All catalog prerequisites and registration requirements must be met for enrollment in any of the courses taken for the minor.

All students desiring to pursue the minor must meet the same prerequisites, entry, and continuation requirements as a Departmental major.

**GPA REQUIREMENTS**

Successful completion of the minor requires a minimum 2.0 GPA in the above listed courses.

**ADVISING INFORMATION**

Department Undergraduate Advisor: [http://www.usf.edu/engineering/cse/undergraduate/contacts.aspx](http://www.usf.edu/engineering/cse/undergraduate/contacts.aspx)

**CERTIFICATE IN FOUNDATIONS OF CYBER SECURITY**

**TOTAL CERTIFICATE HOURS: 12**

[http://www.usf.edu/engineering/cse/index.aspx](http://www.usf.edu/engineering/cse/index.aspx)

This certificate covers a broad range of topics in Information Technology (IT) and Cybersecurity with a focus on practical tools for analyzing and protecting IT systems. Students completing the certificate will understand threats to IT systems and how to mitigate these threats. This certificate program is open to all students except students majoring in Computer Science, Computer Engineering, Information Technology, and Cybersecurity. There are no prerequisite requirements to enter the certificate program.

**REQUIREMENTS FOR THE CERTIFICATE IN FOUNDATIONS OF CYBER SECURITY**

This certificate requires successful completion of four core courses - there are no elective courses. The four courses come from the BS in Information Technology program in the Department of Computer Science and Engineering. In rare cases, substitutions may be possible. Contact the Department Undergraduate Advisor for more information.

**CERTIFICATE CORE (12 HOURS)**

- **CGS 1540** Introduction to Databases for Information Technology
- **CGS 3303** IT Concepts
- **CIS 3213** Foundations of Cyber Security
- **COP 2512** Programming Fundamentals for Information Technology

Students must register with the Department Undergraduate Advisor prior to starting this certificate program. Consultation with the Department Undergraduate Advisor will ensure that students are informed of all offered courses. All catalog prerequisites and registration requirements must be met for enrollment in any of the courses taken for the minor.

All students desiring to pursue the certificate must meet the same prerequisites, entry, and continuation requirements as a Departmental major.

Note: The prerequisite for **CGS 3303** is **CGS 1540** (CGS 1540 has no prerequisite) and the prerequisite for **CIS 3213** is **COP 2512** (COP 2512 has no prerequisite). The certificate can typically be completed in one academic year.

**GPA REQUIREMENTS**

A cumulative GPA of 2.0 in the certificate coursework is required.
Department Undergraduate Advisor: http://www.usf.edu/engineering/cse/people/advisor.aspx.
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Honors College

Contact Information

Honors College
4202 E. Fowler Avenue, ALN 241
Tampa, FL 33620
(813) 974-3087
https://www.usf.edu/honors/index.aspx

Physical Location: John & Grace Allen Building (ALN) is located in the center of the USF campus. From the main entrance on Fowler Ave., follow Leroy Collins Blvd.

About the College

The USF Honors College offers a remarkable learning experience that combines the resources of one of the country's top research universities with the personal attention and close-knit community you would expect from a top-tier, private institution. The Honors College enrolls high-ability students from virtually every USF major in a comprehensive, interdisciplinary program designed to provide future leaders with valuable skills and knowledge that enhance the training that they receive in their majors. The primary goals of the Honors College are to develop superior critical thinking skills through intensive research and interdisciplinary learning, foster a nuanced global perspective on contemporary issues through an internationalized curriculum and meaningful study abroad experiences, and encourage a rich understanding of social concerns through structured community engagement projects.

Mission, Vision, Values

The mission of the Honors College is to cultivate creativity and practical wisdom through interdisciplinary inquiry and ethical engagement, both locally and globally. The Honors College equips students to put values into practice in order to grow personally while contributing to our community in the following ways: We value self-cultivation, so we practice purposeful play. We value community, so we practice collaborative and experiential learning. We value global thinking, so we practice responsible and engaged citizenship.

College-Level Requirements

Admission Requirements

Admission for FTIC Students

The Honors College actively recruits students who have demonstrated academic excellence through high test scores and high school GPA. Students admitted to USF who have 30 ACT or 1370 SAT and at least a 4.0 will be automatically accepted into the Honors College. Honors College acceptance emails and letters are sent a few weeks after USF acceptance materials, or after we receive eligible scores. This process begins in October and ends May 1st.

We also know that excellence takes a variety of forms, and therefore we encourage applications from any student who wants to be considered on the basis of his/her achievements. The Honors College Application requires an essay and resume. Applications are reviewed by a team of current Honors College students, faculty, and staff. The application link can be found on our Admissions website at https://www.usf.edu/honors/prospective-students/application.aspx.

Admission for Transfer or Continuing USF Students

The Honors College offers admission to an upper-level program for students who are already enrolled as USF students, or who are transferring to USF from a state or community college. Students who have a 3.5 college GPA and have completed at least two semesters as college students may apply for admission; the link can be found on our https://www.usf.edu/honors/prospective-students/transfer-continuing-students.aspx transfer/Continuing USF Students webpage at https://www.usf.edu/honors/prospective-students/transfer-continuing-students.aspx.
Program-Specific Requirements

The Honors College offers a range of accelerated programs, guaranteed admissions programs, hosted scholarship programs, and community partnership programs. Please consult our website for up-to-date information about special programs at https://www.usf.edu/honors/accelerated-programs/index.aspx.

General Requirements for Honors College Distinction

Students who satisfactorily complete the Honors College curriculum and graduate with a USF GPA of 3.25 or above shall be identified as Honors College graduates on their diplomas and transcripts, as well as at the Honors College Graduation Ceremony. The Honors College curriculum is made up of the academic curriculum and two experiential learning components.

Academic Curriculum for FTIC Admits (15-18 credits)

Students admitted to the Honors College as first time in college students will complete the academic curriculum with four core honors courses and then select a research option.

- IDH 2930 Honors College Foundations (0 credits)
- IDH 2010 Acquisition of Knowledge (3 credits)
- IDH 4200 Geographic Perspectives (3 credits)
- 2 IDH core courses of your choice (6 credits)

Research Options:

- Honors College Thesis - IDH 4970 Honors Thesis, taken twice (6 credits)
- Honors College Capstone - IDH 4950 Honors Project, plus one core honors course (6 credits) FTIC Engineering majors will have the additional core honors course waived.
- Departmental Honors - Complete the requirements for a university departmental honors program.

Academic Curriculum for Continuing USF or Transfer Student Admits (12 credits)

Students admitted to the Honors College after having been enrolled as a USF student, or as transfer students will complete the academic curriculum with two core honors courses and then select a research option.

- 2 IDH core courses of your choice (6 credits)

Research Options:

- Honors College Thesis - IDH 4970 Honors Thesis, taken twice (6 credits)
- Honors College Capstone - IDH 4950 Honors Project, plus one core honors course (6 credits)
- Departmental Honors - Complete the requirements for a university departmental honors program

Core Honors Courses

- IDH 2010 Acquisition of Knowledge
- IDH 3100 Arts and Humanities
- IDH 3350 Honors Natural Sciences
- IDH 3400 Honors Social and Behavioral Sciences
- IDH 3600 Seminar in Applied Ethics
- IDH 4200 Geographic Perspectives
- IDH 4930 Selected Topics
- IDH 4950 Honors Project
Co-curricular Experiential Learning Components

All Honors students, both FTIC and Continuing/Transfer students, are required to complete experiential co-curricular learning components. The first experiential learning component is community service. We believe learning extends beyond the four walls of the classroom. The people and places in our local community offer lessons that complement and reinforce classroom-based learning. Options and guidelines for the community service experience are outlined on our website at https://www.usf.edu/honors/current-students/community-service.aspx.

The second experiential learning component is global experience. The Honors College is committed to making global awareness a critical element in the education of twenty-first century leaders. To meet this goal, the Global Experience requirement offers students the opportunity to choose from a variety of meaningful ways to build global knowledge and to develop competency in cultural interactions. Students will complete two experiences from a list of approved options (see https://www.usf.edu/honors/current-students/global-cultural-requirement.aspx).

Grading Requirements and Policies

Students in good standing have a minimum 3.25 USF GPA and a 3.25 Overall GPA (grade forgiveness is not included), are actively completing the requirements for the Honors College, and have completed an IDH core course in the last three semesters. Students in good standing have the privilege of priority status for course registration.

If a student's USF GPA falls below a 3.25 (but is 2.75 or higher), he or she will be placed on Honors College Probation. Students on probation will lose their priority registration status and any Honors scholarship payments, but are still eligible to enroll in Honors courses and see their Honors Advisor. Students will be removed from the probationary status when the GPA reaches a 3.25 again.

If a student's GPA falls below 2.75, he or she will be dismissed from the Honors College. Additionally, any student who earns a "D" or "F" in an Honors course will be dismissed from the College.

The university grade forgiveness policy does not apply to Honors College courses.

Graduation Requirements

Students who satisfactorily complete the Honors College requirements and graduate with a USF GPA of 3.25 or above shall be identified as Honors College graduates on their diplomas and transcripts, and at the Honors College Graduation Ceremony.

During their senior year, Honors College students should:

- Meet with the departmental advisor of your major to do a final graduation check to ensure you are meeting all of your major requirements.
- Meet with an Honors College Advisor to ensure that you are meeting your honors curriculum requirements.
- Submit a Bachelor Degree Application through Oasis.
  - Note: Some college deadlines, including Engineering, are earlier. College of Business requires an additional application worksheet. Please consult your department advising office for specific information.

After the deadline to apply for university graduation has passed, potential honors graduates will receive an email to complete a graduation survey. All Honors College students MUST complete this survey and submit their bachelor's degree application. The deadline for completion is listed in the email.

The Honors College Graduation Survey includes information about registering for the Honors College commencement ceremony.

HONORS COLLEGE COMMENCEMENT

Each semester the Honors College acknowledges the accomplishments of our graduates during the Honors College Commencement Ceremony. Family and friends are invited to share in this special event and offer congratulations and appreciation to these amazing students.

- The date and time for the upcoming commencement ceremony can be found on the Honors College Calendar at https://calendar.google.com/calendar/embed?src=usf.hc.events@gmail.com&ctz=America/New_York&pli=1.
Registration for the ceremony is included as part of your Honors College Graduation Survey, so if you are interested in attending please indicate this on the form. Once you submit the form, a confirmation email with specific information about details of the ceremony will be emailed to you.

The dress code for the ceremony is professional attire, however, caps and gowns should NOT be worn at the Honors College Commencement Ceremony. When you check-in at the commencement ceremony, we will provide the items & regalia necessary to identify you as an Honors College graduate, free of charge.

During the ceremony, each graduate will be recognized separately and we will request a photo of you in advance to include in the presentation.

Honors Commencement Ceremony is typically located in the Alumni Center in Traditions Hall.

Honors Scholarships & Housing

Honors Scholarships

The Honors College awards competitive scholarships to its new and continuing students

All Honors College students receive $2,000 in academic scholarships. This award is paid in three installments during the students’ academic career:

- $600 during the first year after completing the college's community engagement requirement.
- $600 during the second year after completing the college's global experience requirement.
- $800 during the third or fourth year after completing the college’s academic requirements.

Most Honors College students also qualify for very generous travel scholarships to fund study abroad opportunities.

In addition, thanks to the generosity of many donors, there are more than 30 competitive scholarships available exclusively to Honors College students.

Students may apply for these Honors-specific awards, as well as, general USF scholarships (see https://www.usf.edu/financial-aid/scholarships/index.aspx). These applications typically open in November and are due in January for new students and April for continuing students.

You may also want to visit the Office of National Scholarships for more information about competitive academic awards.

George Jenkins Scholars Program

The Jenkins Scholars Program is one of the highest funded academic scholarships at USF. The George Jenkins Scholarships are funded through the Publix Super Markets Charities, which was founded by the late George Jenkins, the initial founder and owner of Publix Supermarkets. A cohort of Jenkins Scholars are selected annually from a statewide competition of high school seniors who are admitted to USF as freshmen. The Jenkins recipients are academically talented students with financial need. The Jenkins Scholars Program is designed to provide academic and personal support services for all scholars, freshman through senior year. The scholars participate in various scholarly and cultural activities, such as academic monitoring, mentoring activities, academic/personal development seminars, career advising and planned activities with the Jenkins family.

Holcombe Scholars Program

The Holcombe Scholars Program is one of the highest funded academic scholarships at USF. These scholarships are funded by Brad and Terry Holcombe, two USF graduates. A select group of Scholars are elected annually from a statewide competition of high school seniors who are admitted to USF as freshmen. The Holcombe recipients are academically talented students with financial need. The program is designed to provide academic and personal support services for all scholars, freshman through senior year. The scholars participate in various scholarly and cultural activities, such as academic mentoring activities, academic/personal development seminars, career advising and planned activities with the Holcombe family.
Office of National Scholarships
Location/Phone: John and Grace Allen (ALN) 271; (813) 974-3087
Web Address: https://www.usf.edu/ons/
The Office of National Scholarships identifies, recruits and mentors high achieving students, both undergraduate and graduate, to apply for prestigious nationally competitive scholarships, fellowships and awards such as the Rhodes, Marshall, Mitchell, Fulbright, Goldwater and Truman. Some awards support graduate or professional study in the U.S., while others involve education abroad or independent research. These opportunities are open to all qualified USF students who wish to apply.
Director: Sayan Basu

Honors Living Learning Community (LLC) - Honors Housing
The Honors LLC is a residential experience open to all Honors College students. We strive to create a respectful and close-knit community while celebrating the diversity of our students. To encourage student development in a variety of interests, the Honors LLC has created two themed common spaces: “Educate and Create” and “Build and Innovate”. Regardless of major, students can explore everything from film and music education to architecture and software development. The focus of our community is to simultaneously develop our students’ academic and extracurricular interests. To do so, we host programs and activities related to career exploration, networking, and connecting with Honors faculty. The Honors LLC will be housed in Summit, one of the newest residence halls opening in Fall 2017.

If you’re interested in joining our community, please visit https://www.usf.edu/honors/prospective-students/housing.aspx.

For more information on our new residence hall, Summit, please visit: https://www.usf.edu/housing/residential-learning/llc.aspx

Baccalaureate-Level Degree Programs

Honors Programs
The USF Honors College offers a number of programs which are subdivided into the following categories:

Accelerated Programs
https://www.usf.edu/honors/accelerated-programs/accelerated.aspx
Students can earn their undergraduate, medical, or pharmacy degrees at an accelerated pace in one of our Honors College accelerated programs.

Guaranteed Admission Programs
https://www.usf.edu/honors/accelerated-programs/gaps.aspx
The Honors College offers two pathways that will guarantee admission to either the Master's in Medical Sciences or Doctor of Physical Therapy programs.

Early Acceptance Programs
https://www.usf.edu/honors/accelerated-programs/early-acceptance-programs.aspx
The Honors College, in affiliation with Lake Erie College of Osteopathic Medicine (LECOM), offers eligible Honors College students Early Acceptance Admission Programs to the Doctor of Osteopathic Medicine (DO) and the Doctor of Dental Medicine (DMD).

Hosted Scholarship Programs
https://www.usf.edu/honors/accelerated-programs/hosted-scholarships.aspx
The Honors College hosts three scholarship programs for both Honors and non-Honors students.

Community Partnership Programs
https://www.usf.edu/honors/accelerated-programs/partnerships.aspx
We partner with many groups and organizations throughout Tampa Bay. These partnership programs allow students to learn and research outside of the classroom.

Dual Enrollment Program
https://www.usf.edu/honors/accelerated-programs/dual-enrollment.aspx
Dual enrollment in USF classes is open to academically qualified students who are currently enrolled in public/private high schools and who are recommended by their guidance counselor or principal.
Early Admission Program
https://www.usf.edu/honors/prospective-students/early-admission.aspx

Under the Early Admission program you may enter the University of South Florida (Tampa) as a regularly enrolled (matriculated), degree-seeking student prior to graduation from high school. Applicants must meet minimum Honors College eligibility criteria (see https://www.usf.edu/honors/prospective-students/early-admission.aspx).

Honors Program Requirements

Research Tracks
https://www.usf.edu/honors/current-students/thesis.aspx

All Honors College students must complete a research track consisting of either a thesis or capstone course. Thesis is an individual research project on a topic of the students' choice, under the direction of a faculty member selected by the student. Thesis may also be completed through departmental honors programs. The Honors Capstone course brings Honors students together to take an interdisciplinary approach at solving real-world problems through undergraduate research and practical application.

Community Engagement
https://www.usf.edu/honors/current-students/community-engagement.aspx

Honors College students will accumulate 50 hours of community service. Service can take place through one site or organization, or through multiple opportunities, based on your interests. These hours may overlap with those required for the Global Citizen Award, or other pre-professional goals.

- Transfer and continuing students who enter the College in the Fall of 2016 or later are required to complete 25 hours of community service.

Global/Cultural Requirement
https://www.usf.edu/honors/current-students/global-cultural-requirement.aspx

The Honors College is committed to making global awareness a critical element in the education of twenty-first century leaders. To meet this goal, the Global Experience requirement offers students the opportunity to choose from a variety of meaningful ways to build global knowledge and to develop competency in cultural interactions.

Peer Mentoring
https://www.usf.edu/honors/current-students/peer-mentors.aspx

During their orientation, each new Honors College freshman is paired with a peer mentor, an upper-classman enrolled in the Honors College. These mentors are students selected and trained in leadership, advising, and group dynamics so they can share their college experience and expertise!

New students will register for IDH 2930 - Peer Mentoring and will meet with a small group led by their mentor throughout the fall semester. This class is zero credits and has no tuition charge, but it will be reflected on transcripts and is a required part of the Honors College Experience.

Accelerated Programs

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

1. Recognition of satisfactory performance on standardized tests offered through recognized examination programs. See http://ugs.usf.edu/credit-by-exam/ for a complete listing of exams and course equivalencies.

2. Recognition of satisfactory performance on tests offered through Advanced Placement Programs of the College Entrance Examination Board (see Advanced Placement Credit Programs).

3. Recognition of the International Baccalaureate Diploma Program. Students who earn the IB Diploma will be awarded 30 semester hours of college credit and sophomore standing. Credit for standard level exams with a score of 4 or higher may be awarded to those students who do not earn the IB diploma.
4. Dual enrollment as a non-degree-seeking student at USF or a community college prior to graduation from high school (see Dual Enrollment [Public/Private High/Home School]). Florida College System students should follow eligibility criteria for non-degree seeking students (below).

5. Early admission for high school students (see Early Admission Freshmen).

6. Courses completed through USF Distance Learning. See https://www.usf.edu/innovative-education/programs/online-programs/online-undergraduate-programs.aspx.

Accelerated and Pathway Programs
The Honors College offers a variety of accelerated and pathway programs. Details regarding each of these programs can be found on the Honors College website at https://www.usf.edu/honors.

Provost’s Scholars Program
https://www.usf.edu/honors/accelerated-programs/psp.aspx

- Students complete a bachelor degree in three years, while enjoying a rich college experience that includes leadership, research, and education abroad.

7-Year B.S./MD Program
https://www.usf.edu/honors/accelerated-programs/psp.aspx

- Potential First-time in College (FTIC) students must present a 1470 SAT (Critical Reading and Math) or a 32 composite ACT score, 4.0 weighted high school GPA, and must be a U.S. Citizen or Permanent Resident of the United States. Students in this program follow a set curriculum for the B.S. in Biomedical Sciences and must meet identified GPA and MCAT benchmarks, including a successful medical school interview, to be admitted to the Morsani College of Medicine in the 4th year of study. Admission is determined by the Morsani.

7-Year B.S./PharmD Program
https://www.usf.edu/honors/accelerated-programs/bs-pharmd.aspx

- Potential First-time in College (FTIC) students must present at least a 1360 SAT (Critical Reading and Math) or a 29 composite ACT score, 3.8 weighted high school GPA, and must be a U.S. Citizen or Permanent Resident of the United States. Students in this program follow a set curriculum for the B.S. in Biomedical Sciences and must meet identified GPA and MCAT benchmarks, including a successful College of Pharmacy interview, to be admitted to the USF Health College of Pharmacy in the 4th year of study. Admission is determined by the USF Health College of Pharmacy.

Bachelor/JD Program

- This 3+3 program will allow first year students to use their first year law curriculum to count as the 4th year elective requirements for the Bachelor’s degree. Students must be admitted to the Honors College as first year students and meet program criteria.

Guaranteed Admissions Pathway for Doctor of Philosophy (PhD) in Nursing Program

- Potential First-time in College (FTIC) students must present at least a 1360 SAT (Critical Reading and Math) or a 29 composite ACT score, 3.8 weighted high school GPA, and must be a U.S. citizen or Permanent Resident of the United States. FTIC students who have been admitted to the Honors College and are interested in a career as a Nurse-Scientist are offered a guaranteed admission pathway to USF Health’s College of Nursing and complete a Bachelor of Science (Nursing) and a Doctor of Philosophy (Nursing) provided that the student meets all of the benchmarks of the program, including a successful interview with the College of Nursing.

Guaranteed Admissions Pathway for Doctor of Physical Therapy Program

- Potential First-time in College (FTIC) students must present at least a 1360 SAT (Critical Reading and Math) or a 29 composite ACT score, 3.8 weighted high school GPA, and must be a U.S. Citizen or Permanent Resident of the United States. FTIC students who have been admitted to the Honors College and are interested in a career in physical therapy are offered a guaranteed admission pathway to USF Health’s School of Physical Therapy & Rehabilitation Sciences (SPTRS) and complete a Doctor of Physical Therapy (DPT), provided that the student continues to meet all the benchmarks of the program, including a successful interview with SPTRS. There is no GRE requirement for this program. Admission is determined by the SPTRS/Morsani College of Medicine.
Guaranteed Admissions Pathway for Master of Science in Medical Sciences Program (MSP3)

Potential FTIC and transfer students in good standing with the Honors College must meet identified GPA and GRE, MCAT or DAT benchmarks to apply to the School of Biomedical Sciences (SBS)/Morsani College of Medicine in order to be considered. The Honors MSP3 GAP is a direct entry program designed to assist USF’s Honors College students seeking admission into a health professional school (e.g., MD, DO, DMD, DVM, PharmD). This program will allow qualified Honors College students guaranteed acceptance into the Master of Science in Medical Sciences Pre-professional Program. Admission is determined by the School of Biomedical Sciences/Morsani College of Medicine.

Undergraduate Advising Information

Contact Information

Honors College Advising
4202 E. Fowler Avenue, ALN 241
Tampa, FL 33620
(813) 974-3087
https://www.usf.edu/honors/prospective-students/advising.aspx

The mission of the Honors College advising team is to empower students to acquire, create, and contribute knowledge by promoting diverse learning experiences, active goal setting, reflection, and involvement in the university and global community. Academic advising is a vital component of the Honors College experience. We collaborate with departmental advisors to ensure students get accurate and timely advice to ensure timely degree completion.

A walk-in Honors College advisor is also on duty every weekday from 8:30 a.m. to 12:00 p.m. and again from 1:00 p.m. to 4:30 p.m. for quick questions or help. Walk-In advisors will NOT remove AA holds, create 4-year academic plans, or graduation checks. Please make an appointment for those needs.

To make a face-to-face appointment with an Academic Advisor:

If you are an accepted or currently registered student at USF, use EScheduler at https://usfweb.usf.edu/eScheduler/student.aspx

If you ARE NOT a USF student, use the advisor appointment system at https://usfweb.usf.edu/eScheduler/NonStudentlogin.aspx

Faculty
Adams, Charles; Bush, Alan; Cross, Michael; Davidson, Lindy; Lankenau, Greg; Sakai, Atsuko; Salim, Ulluminair; Singh, Holly; Wilkins, Catherine; Young, Benjamin.

FOR PROGRAM REQUIREMENTS,
SEE UNDERGRADUATE STUDIES SECTION OF THE CATALOG
# COLLEGE OF NURSING

UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

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About the College

The College of Nursing is a world class nursing program shaping the nursing profession and is an integral part of USF Health and the University of South Florida. We strive to live by our mission – Preparing 21st-Century Nurses to Promote Health and Wellness in Our Community and Around the World. We lead as a result of our dedicated faculty and staff committed to student success and as demonstrated by our exceptional rankings.

At the College of Nursing, the faculty and staff strive to assist students in excelling in a high-impact, innovative research and entrepreneurial environment. Students can choose from a professional Baccalaureate, a Master's, a Doctorate in Nursing Practice and PhD Nursing degrees.

Mission, Vision, Values

Mission: USF College of Nursing provides innovation and leadership in preparing 21st-century nurses to demonstrate excellence in research, education, and clinical care while promoting health and wellness in our community and around the world.

Vision: By educating students from diverse demographics, we ensure that our USF Bull nurses mirror the populations they serve.

Accreditation

The Baccalaureate Program at the University of South Florida is accredited by the Commission on Collegiate Nursing Education. The program is unconditionally approved by the Florida State Board of Nursing. Graduates of the Upper Division, Accelerated Second Bachelor's Degree, and V-CARE majors are eligible to sit for the National Council Licensure Examination (NCLEX) Registered Nurse qualifying exam. Graduates may apply for licensure in Florida or other states. Successful undergraduates have the educational background necessary for graduate study in nursing.

Commission on Collegiate Nursing Education (CCNE)
655 K Street, NW, Suite 750
Washington, DC 20001
(202) 887-6791
http://www.ccneaccreditation.org/

Commission on Colleges of the Southern Association of Colleges and Schools (SACS)
1866 Southern Lane
Decatur, GA 30033
(404) 679-4500
http://www.sacs.org/
College-Level Requirements

The College of Nursing is a limited access college and uses selective criteria for the admission of students. Any student who applies to the undergraduate program in the College of Nursing is initially coded as "Pre-Nursing" prior to official acceptance to the College of Nursing. Final admission to all Nursing programs is conditional upon passing a Level 2 background check.

Admission Requirements

In addition to University admission requirements, the College of Nursing has additional admission requirements for each major. Please review admission requirements for the specific major to which you are applying.

Background Checks, Fingerprinting, Drug Testing and Immunizations

All students who are admitted to the College of Nursing are required to complete a Background Check, Immunization Verification, and Drug Screening for the College of Nursing via Castlebranch.com.

- The requirements are as follows: MMR, Varicella, Hepatitis B, Documentation of a Tdap booster, TB skin test, CPR certification from the American Heart Association, and a flu shot.
- All requirements must be completed by the first week of class.
- The Castle Branch account must be created with a USF Health email address, which is only available to students who have been admitted to the College of Nursing.
- Final admission to all Nursing majors is conditional upon passing a Level 2 background check. Students who do not pass the level 2 background check will not be refunded the cost by either the college or Castle Branch.

For Castlebranch.com questions regarding requirements, documents, or status, please contact Castle Branch at (888) 914-7279.

Program-Specific Requirements

Students must be admitted by the USF Tampa Undergraduate Admissions Office before they can submit their application to the College of Nursing (Students must have USF Tampa Campus as their home campus).

Student Computer Requirement

https://health.usf.edu/~media/Files/Nursing/Current%20Students/CON_Computer_Requirements_Approved_Spring_2017-Revisedv2.ashx

All USF College of Nursing students are required to have a laptop/notebook computer with wireless internet connection. Students are also required to have a compatible webcam and microphone; the webcam and microphone should either be built into your notebook or be a portable model. Specific information on requirements can be found on the website.

Students in all nursing courses are expected to meet these requirements to successfully participate in their courses. Failure to meet these technology standards may result in inability to complete course or program requirements. It is the student's responsibility to ensure all requirements are met prior to the start of the semester.

Nursing: Accelerated Second Degree

https://health.usf.edu/nursing/undergraduate/programs/second-degree

The Accelerated Second Bachelor's Degree major (SBN) is for students who have a baccalaureate degree in another field and a minimum undergraduate GPA of 3.00. Students with a Bachelor's degree in a non-nursing field and who have completed all the nursing pre-requisite courses may be considered for admission into the Accelerated Second Bachelor's Degree major; upon completion, students will earn a second bachelor's degree. This is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive.

Criteria for Accelerated Second Bachelor's Degree:

- Admission to the University of South Florida, as a degree seeking undergraduate student.
- Completed of the first Bachelor’s degree from a regionally accredited institution by the program start date for the term of entry.
- Minimum 3.0 cumulative GPA on all undergraduate work.
Completion of at least seven of the eight Nursing prerequisite courses by the published deadline for the intended term of entry

- Note: Any outstanding Nursing prerequisites must be completed by the program state date, with a minimum grade of C or better, while maintaining a cumulative GPA greater than or equal to 3.0.
- If selected, a formal interview with College of Nursing faculty.

Nursing: RN to Bachelor's
https://health.usf.edu/nursing/undergraduate/programs/rn-to-bs

The RN to Bachelor's major (NRN) is for students currently licensed to practice as a Registered Nurse. The RN to BS option allows an RN with a diploma or an associate's degree in nursing from a regionally accredited school to earn a Bachelor of Science degree with a major in nursing.

**Criteria for Nursing: RN to Bachelor's Degree:**

- Admission to the University of South Florida (Tampa Campus) as a degree seeking undergraduate student.
- Completed application to the College of Nursing prior to the published deadline for the intended term of entry.
- Minimum 3.00 GPA on all undergraduate work. Required prerequisite course grades may be weighted.
- Submission of a specified essay to be weighed along with cumulative GPA and experience for possible admission.
- Lower and Upper Level applicants must submit all official transcripts from each college or university attended, including the military American Council on Education transcript.
- To be considered for admission, all transfer applicants are required to have successfully completed 67 percent of all transfer credit hours attempted at any institution attended.
- Completion of the University's foreign language entrance requirement.

Nursing: Upper Division
https://health.usf.edu/nursing/undergraduate/programs/upper-division

The Upper Division major (NUR) is our traditional baccalaureate nursing major for students who have completed nursing prerequisite courses and university general education requirements. This is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive.

**Criteria for Upper Division:**

- Admission to the University of South Florida as a degree-seeking undergraduate student.
- Completed application to the College of Nursing prior to the published deadline for the intended term of entry.
- Minimum 3.20 cumulative GPA on all undergraduate work.
- Completion of seven of the eight nursing pre-requisites courses by published application deadline for the intended term of entry
  - Note: Any outstanding nursing prerequisite courses must be completed by the program start date, with a minimum grade of C or better, while maintaining a cumulative GPA greater than or equal to 3.0.
- Completion of English Composition I, English Composition II and the State Communication Requirement by the published application deadline.
- Completion of the University's foreign language entrance requirement (FLENT) and university general education requirement by the intended term of entry.
- If selected, a formal interview with College of Nursing faculty.
If a student receives a grade less than a C in any two prerequisite courses while declared as Pre-Nursing, the student will be required to select another major at the University of South Florida. Grade forgiveness will not apply to the mandated requirement of changing the major. In addition, if a student does not meet the minimum GPA requirement to be eligible to apply for admission following 60 completed hours and all prerequisite courses attempted, the student will be required to select another major at the University of South Florida.

Nursing: V-CARE
https://health.usf.edu/nursing/undergraduate/programs/vbsn

The Veteran to Bachelor's (V-CARE) program allows service members and veterans with medical training experience as medics or corpsmen the opportunity to receive a bachelor's of science degree with a major in nursing. The V-CARE program is typically completed in four consecutive semesters (after prerequisites, Foreign Language, and Enhanced General Education requirements). Graduates may then take the National Council Licensure Examination (NCLEX) to earn their RN license. Prerequisites can be completed at any regionally accredited college/university with completion of nursing coursework at the Tampa campus. The V-CARE program is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive.

Criteria for Veteran to Bachelor's (V-CARE):
- Admission to the University of South Florida.
- Completed application to the College of Nursing prior to the published deadline for the intended term of entry.
- Applicants must have U.S. Army Medic, U.S. Air Force Medic, or U.S. Navy Corpsman training and experience to be a candidate for the V-CARE major.
- Minimum 3.0 cumulative GPA on all undergraduate coursework.
- Completion of the Nursing prerequisite courses by the published application deadline for the intended term of entry.
  - Students who do not have all prerequisite courses completed by the intended term of entry may be eligible for conditional admission.
  - Note: Any outstanding Nursing prerequisite courses must be completed by the program start date, with a C or better, while maintaining a cumulative GPA greater than or equal to 3.0.
- Completion of English Composition I, English Composition II and State General Education Mathematics requirement by the published application deadline.
- If selected, a formal interview with College of Nursing faculty.
- Completion of the University's foreign language entrance requirement (FLENT) and University General Education requirements.
- Submission of a professional resume.

Graduation Requirements

Grading & Progression Policy
In addition to the University's policies on progression, The College of Nursing holds a progression policy for all students within the nursing undergraduate program. Students admitted to all nursing majors at The College of Nursing are required to earn a minimum grade of C in didactic courses and an S in lab/clinical courses. Progression in the majors is based on GPA, course content and overall performance in lab/clinical. Failure to meet the grade minimum may result in dismissal from the College.

For further information on progression and grading policies, please visit the College of Nursing Handbook: https://health.usf.edu/~media/Files/Nursing/Current%20Students/Baccalaureate_Handbook-8-10-18.ashx?la=en
NCLEX-RN Examination

Upon successful completion of the program requirements and upon recommendation by the Dean, graduates are eligible to take the National Council Licensure Examination (NCLEX-RN) leading to the registered nurse (RN) license to practice nursing.

The College of Nursing cannot guarantee that the Board of Nursing will authorize students with criminal or substance abuse histories to complete NCLEX-RN licensure examination. Therefore, it is of the utmost importance to:

1. Address such situations with the College of Nursing and the Board of Nursing as early as possible, and
2. Notify the College of Nursing Compliance Officer within 72 hours on any changes in conduct records, including arrests, convictions, changes to RN license status, or other activities that impact the background investigation or the ability to practice that occur at any time during their program of study.

Other Nursing Pathways

Suncoast Nursing Accelerated Pathway
https://health.usf.edu/nursing/undergraduate/programs/accelerated-pathway

The Suncoast Nursing Accelerated Pathway is a student-centered program creating access for registered nurse education in the USF System through a science accelerated degree pathway. The Suncoast Nursing Accelerated Pathway partnership between USF College of Nursing, USF St. Petersburg (USFSP), and USF Sarasota-Manatee (USFSM) provides a seamless transition for students to complete a Bachelor of Science degree in Biology and a Bachelor of Science degree in Nursing. This is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive.

Information sessions are conducted at USFSP and USFSM throughout the year, with the application process taking place in Fall of the sophomore year.

Admission Requirements:

- Full-time, matriculated student with a major in Biology at USF St. Petersburg or USF Sarasota-Manatee.
- Minimum 3.20 cumulative GPA on all undergraduate coursework.
- Completed application to the College of Nursing prior to the published deadline for the intended term of entry.
- If selected, participation in a formal interview with respective faculty from USF College of Nursing and USFSP or USFSM Department of Biology.

Please note: Meeting minimum requirements does not guarantee admission, as admission is competitive for limited access programs.

USF/HCC Concurrent
https://health.usf.edu/nursing/undergraduate/programs/asn-to-bs

The University of South Florida (USF) & Hillsborough Community College (HCC) Concurrent Program allows students to enroll in select RN to B.S. courses at USF as a non-degree student (beginning in Spring of Year 1) while completing the ASN degree at HCC. Students will remain in non-degree status at USF until awarded the ASN. After graduating from HCC’S ASN program, students will be eligible to sit for the national licensure exam for registered nurses (NCLEX-RN).

Criteria for Admissions:

- Students must complete the steps for admission as a degree seeking student at HCC before they may be considered for the Concurrent Program.
- Students must have a cumulative GPA of at least a 3.0.
- Students must meet the definition of residency at each institution to qualify for in-state tuition.
- Student must be admitted into HCC’s nursing program.
- Students must be admitted as non-degree seeking students into USF and be eligible for admission as a degree seeking student into USF’s College of Nursing upon completion of the ASN portion of the Concurrent Program.
As a condition of progression in the USF/HCC Concurrent program, students must meet the following requirements:

- Maintain active enrollment status at both institutions.
- Comply with your designated plan of study.*
- Have a minimum overall GPA of 3.0 for admissions into the concurrent program.
- Comply with each institution’s policy regarding progression & compliance.
- Acquire a valid RN license within 3 months of completion of the ASN.**

* If students are not successful in following the plan of study, they can no longer remain in the concurrent program.
** If you are not able to obtain a valid RN license within 3 months of completing the ASN, you will be unable to take the remaining RN to B.S. courses at USF until you have successfully passed. Students who are off plan for the USF/HCC Concurrent program will no longer be able to remain in the Concurrent Program but can apply for the RN to B.S. program at USF through Undergraduate Admissions and the College of Nursing.

Nursing Honors Program B.S. to PhD Accelerated Pathway

The Honors College has partnered with the USF College of Nursing to provide first-time in college freshmen with an accelerated pathway into the USF College of Nursing PhD program. This program allows Pre-nursing Honors College students the opportunity to received admission to the College of Nursing and complete a PhD degree in seven years, provided that the student continues to meet all the benchmarks of the program, including a successful interview with the College of Nursing. This is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive.

Criteria for Admission:

- Admission to the University of South Florida's (Tampa Campus) Honors College as a pre-nursing student.
- Minimum SAT score of 1360 or a combined ACT of 29.
- Minimum 3.8+ weighted high school GPA, as calculated by USF Office of Undergraduate Admissions.
- U.S. Citizenship or permanent residency (this program does not admit international applicants).

As a condition of progression in the Nursing Honors Program B.S. to PhD Accelerated Pathway program, students must meet the following requirements:

- Maintenance of a 3.6 GPA with grades of B or better in all state-mandated nursing prerequisites.
- Adherence to approved program plan of study.
- Completion of B.S. degree and successful Florida RN licensure by the start of the PhD program.

Baccalaureate-Level Degree Programs

Global Pathways

https://www.usf.edu/gcp/students/index.aspx

A Global Pathway is an undergraduate major or degree program that has significant global content. Global Pathways provide students with the opportunity to practice and apply global competencies through the major or degree program. The following programs are designated as Global Pathway Programs:

Nursing – B.S. Upper Division Major

https://health.usf.edu/nursing/
Bachelor of Science

Accelerated Second Bachelor's Degree
https://health.usf.edu/nursing/undergraduate/programs/second-degree

The Accelerated Second Bachelor's Degree Major (SBN) is for students who have a baccalaureate degree in another field and a minimum undergraduate GPA of 3.00. Students with a Bachelor's degree in a non-nursing field and who have completed all the nursing pre-requisite courses may be considered for admission into the Accelerated Second Bachelor's Degree major; upon completion, students will earn a second bachelor's degree. This is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive.

RN to Bachelor's (Online)
https://health.usf.edu/nursing/undergraduate/programs/rn-to-bs

The RN to Bachelor's major (NRN) is for students currently licensed to practice as a Registered Nurse. The RN to B.S. option allows an RN with a diploma or an associate's degree in nursing from a regionally accredited school to earn a Bachelor of Science degree with a major in nursing.

Suncoast Nursing Accelerated Pathway
https://health.usf.edu/nursing/undergraduate/programs/accelerated-pathway

The Suncoast Nursing Accelerated Pathway is a student-centered program creating access for registered nurse education in the USF System through a science accelerated degree pathway. The Suncoast Nursing Accelerated Pathway partnership between USF College of Nursing, USF St. Petersburg, and USF Sarasota-Manatee provides a seamless transition for students to complete a Bachelor of Science degree in Biology and a Bachelor of Science degree with a major in nursing. This is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive.

Upper Division
https://health.usf.edu/nursing/undergraduate/programs/upper-division

The Upper Division Major (NUR) is our traditional baccalaureate nursing major for students who have completed nursing prerequisite courses and university general education requirements. This is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive.

USF/HCC Concurrent
https://health.usf.edu/nursing/undergraduate/programs/asn-to-bs

The University of South Florida (USF) & Hillsborough Community College (HCC) Concurrent Program allows students to enroll in select RN to BS courses at USF as a non-degree student while completing the ASN degree at HCC. Students will remain in non-degree status at USF until awarded the ASN. After graduating from HCC’S ASN program, students will be eligible to sit for the national licensure exam for registered nurses (NCLEX-RN).

Veteran to Bachelor's (V-CARE)
https://health.usf.edu/nursing/undergraduate/programs/vbsn

The Veteran to Bachelor's (V-CARE) program allows service members and veterans with medical training experience as medics and corpsmen the opportunity to receive a Bachelor's of science degree with a major in nursing. The V-CARE program is typically completed in four consecutive semesters (after prerequisites, Foreign Language, and General Education requirements. Graduates may then take the National Council Licensure Examination (NCLEX) to earn their RN license. Prerequisites can be completed at any regionally accredited college/university with completion of nursing coursework at the Tampa campus. The V-CARE program is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive.

Nursing Honors Program BS to PhD Accelerated Pathway

The Honors College has partnered with the USF College of Nursing to provide first-time in college freshmen with an accelerated pathway into the USF College of Nursing PhD program. This program allows Pre-Nursing Honors College students the opportunity to received admission to the College of Nursing and complete a PhD degree in seven years, provided that the student continues to meet all the benchmarks of the program, including a successful interview with the College of Nursing. This is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive.
Undergraduate Advising Information

Advising for the College of Nursing is available for Pre-Nursing and admitted nursing students at the USF Health Wellness, Engagement, Leadership & Learning (W.E.L.L.) building (MDA) location at 12901 Bruce B. Downs Blvd., MDC 22, Tampa, FL 33612-4766. See https://health.usf.edu/nursing/advising/undergraduate for more information.

The College of Nursing Student Affairs Office is open from 8:00 AM to 5:00 PM weekdays and closed on University holidays. You may schedule an appointment to meet with an advisor by scheduling online via http://usfweb3.usf.edu/appointments/StudentSignon.asp or by contacting the Student Affairs Office at (813) 974-2191. During peak registration times walk-in advising may be offered, check with your advisor for availability of walk-in advising.

In order to schedule a meeting with an advisor in this college, please use https://usfweb.usf.edu/escheduler/student.aspx.

Contact Information

College of Nursing Advising
MDA 1002 in The WELL (see map https://health.usf.edu/~media/Images/Nursing/Advising/USF%20Health%20The%20WELL.ashx?la=en)

Office Hours: Monday - Friday, 8:00 a.m. - 5:00 p.m.
(813) 974-2191
nurstudent@health.usf.edu

You may schedule an appointment to meet with an advisor by scheduling online via https://usfweb3.usf.edu/appointments/StudentSignon.asp or by contacting the Student Affairs Office at (813) 974-2191. During peak registration times walk-in advising may be offered, check with your advisor for availability of walk-in advising.

Prospective Student Advising: For more information, see https://health.usf.edu/nursing/advising/prospective

Undergraduate Students can schedule an appointment with an adviser by using the eScheduler for current USF Students (see https://usfweb.usf.edu/escheduler/student.aspx Login in required).

Interested prospective students or Non-USF students who do not have a USF ID number: Schedule appointments using the NonStudent eScheduler at https://usfweb.usf.edu/escheduler/NonStudentlogin.aspx.
The Veteran to bachelor's (V-CARE) program allows service members and veterans with medical training experience as medics and corpsmen the opportunity to receive a Bachelor's of science degree with a major in nursing. The V-CARE program is typically completed in four consecutive semesters (after prerequisites, Foreign Language, and General Education requirements). Graduates may then take the National Council Licensure Examination (NCLEX) to earn their RN license. Prerequisites can be completed at any regionally accredited college/university with completion of nursing coursework at the Tampa campus.

LIMITED ACCESS

THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

This is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive.

Admission Requirements

- Admission to the University of South Florida, Tampa campus, as a degree seeking undergraduate student.
- Completed application to the College of Nursing prior to the published deadline for the intended term of entry.
- Applicants must have U.S. Army Medic, U.S. Air Force Medic, or U.S. Navy Corpsman training and experience to be a candidate for the V-CARE major.
- Minimum 3.0 cumulative GPA on all undergraduate coursework.
- Completion of the Nursing prerequisite courses by the published application deadline for the intended term of entry.
  - Students who do not have all prerequisite courses completed by the intended term of entry may be eligible for conditional admission.
  - Note: Any outstanding Nursing prerequisite courses must be completed by the program start date, with a C or better, while maintaining a cumulative GPA greater than or equal to 3.0.
- Completion of English Composition I, English Composition II and State General Education Mathematics requirement by the published application deadline.
- If selected, a formal interview with College of Nursing faculty.
- Completion of the University's foreign language entrance requirement (FLENT) and University General Education requirements.
- Submission of a professional resume.

STATE MANDATED COMMON COURSE PREREQUISITES

The state-mandated nursing common pre-requisites are required to be completed before the published application deadline for the intended term of entry. A grade of 'C' or better is required while maintaining a cumulative GPA equal to or greater than 3.0.

The University's Enhanced General Education requirements and College of Nursing's prerequisite/support courses may be completed through the A.A. degree from a Florida College System institution. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The A.A. degree satisfies admission requirements only if courses are carefully selected and include the required major prerequisite/support courses.
The College of Nursing requires certain courses within the Enhanced General Education requirement for the natural, social and behavioral sciences, and mathematics. Students must complete the prerequisite courses listed below prior to being admitted to the VCARE major. All prerequisite courses must be completed with a grade of "C" or higher.

All courses not approved by the Florida State Course Numbering System (includes all Florida public colleges, universities, and College System institutions) used to satisfy these prerequisite requirements will be evaluated individually on the basis of content and will require a catalog course description and a copy of the syllabus for assessment.

- BSC X085C Human Anatomy & Physiology I or BSC X085/X085L pr BSC X093C or BSC X093/X093L (4)
- BSC X086C Human Anatomy & Physiology II or BSC X086/X086L or BSC X094C or BSC X094/X094L (4)
- CHM XXXX or BSC XXXX or PHY XXXX or PCB XXXX or BCH XXXX (3)
- DEP X004 Human Growth & Development or DEP X054 or DEP X000 or DEP X414 (3)
- HUN X201 Human Nutrition or NUR X192 (3)
- MCB X010C Microbiology or MCB X010/X010L, MCB X013C or MCB X000/X000L or MCB X004/X004L (4)
- PSY XXXX or SYG XXXX or SOP XXXX (3)
- STA X014 Statistics or STA X023 or STA X122 (3)

NOTE: Epidemiology (3 credits) is recommended but not required.

REQUIREMENTS FOR THE MAJOR IN NURSING: VCARE

TOTAL MAJOR HOURS: 68

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (56 HOURS)

Note: Up to 12 hours will be awarded for military medic or corpsman experience. Please consult with an College of Nursing Academic Advisor for your path of study within this program.

- NUR 3066L Health Assessment, Wellness, and Prevention Across the Life Span Lab
- NUR 3081 Bridge to Professional Nursing
- NUR 3081L Bridge to Professional Nursing Practice
- NUR 3125 Pathophysiology for Nursing Practice
- NUR 3145 Pharmacology in Nursing Practice
- NUR 3225 Complex Health Nursing I
- NUR 3225L Complex Health Nursing I Clinical
- NUR 4165 Evidence-Based Practice
- NUR 4227 Complex Health Nursing II
- NUR 4227L Complex Health Nursing II Clinical
- NUR 4285 Healthy Aging: Nursing Care of Older Adults
- NUR 4467 Nursing Care of Women, Children, and Families
- NUR 4467L Nursing Care of Women, Children, and Families Clinical
- NUR 4535 Psychiatric/Mental Health Nursing
- NUR 4535L Psychiatric/Mental Health Nursing Clinical
- NUR 4635 Public Health Nursing
- NUR 4635L Public Health Nursing Clinical
- NUR 4827 Role Transition and Leadership in Nursing
- NUR 4888 Coordination of Care in Nursing
- NUR 4948L Preceptorship

COURSE GRADE REQUIREMENT

All Nursing courses must be passed with a C or better in didactic and an S in clinical.

GRADING REQUIREMENT

Please refer to the USF College of Nursing Student Handbook for grade and progression requirements.
RESEARCH OPPORTUNITIES

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

NURSING: V-CARE FACULTY


B.S. - NURSING: ACCELERATED SECOND BACHELOR'S DEGREE (SBN)

(CIP = 51.3801)
TOTAL DEGREE HOURS: 62
https://health.usf.edu/nursing/undergraduate/programs/second-degree

The Accelerated Second Bachelor's Degree (SBN) major is for students who have a baccalaureate degree in another field and a minimum undergraduate GPA of 3.00. Students with an awarded bachelor's degree and who have completed all the Nursing prerequisite courses may be considered for admission into the Accelerated Second Bachelor's Degree major; upon completion, students will earn a second bachelor's degree.

LIMITED ACCESS

THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

This is a full-time, limited access program, as mandated by the State, and is structured sequentially. Admission is competitive. Any student who applies to the undergraduate program in the College of Nursing is initially coded as "Pre-Nursing" prior to official acceptance to the College of Nursing.

Admissions Requirements:

- Admission to the University of South Florida, as a degree seeking undergraduate student.
- Completed of the first Bachelor's degree from a regionally accredited institution by the program start date for the term of entry.
- Minimum 3.0 cumulative GPA on all undergraduate work.
- Completion of at least seven of the eight Nursing prerequisite courses by the published deadline for the intended term of entry
  - Note: Any outstanding Nursing prerequisites must be completed by the program state date, with a minimum grade of C or better, while maintaining a cumulative GPA greater than or equal to 3.0.
- If selected, a formal interview with College of Nursing faculty.
If a student receives a grade of less than C in any two prerequisite courses while declared as pre-Nursing, the student will be required to select another major at the University of South Florida. Grade forgiveness will not apply the mandated requirement of changing the major. In addition, if a student does not meet the minimum GPA to be eligible to apply for admission following 60 completed hours and all prerequisite courses attempted, the student will be required to select another major at the University of South Florida.

STATE MANDATED COMMON COURSE PREREQUISITES

The State Mandated Nursing common prerequisites are required to be completed before the published application deadline for the intended term of entry. A grade of "C" or better is required while maintaining a cumulative GPA equal to or greater than 3.0.

All courses not approved by the Florida State Course Numbering System (includes all Florida public colleges, universities, and College System institutions) used to satisfy these prerequisite requirements will be evaluated individually on the basis of content and will require a catalog course description and a copy of the syllabus for assessment.

- BSC X085C or BSC X085/X085L or BSC X093C or BSC X093/X093L
- BSC 086C or BSC X086/X086L or BSC X094C or BSC X094/X094L
- CHM XXXX or BCH XXXX or BSC XXXX or PCB XXXX or PHY XXXX
- DEP X004 or DEP X054 or DEP X000 or DEP X414
- HUN X201 or NUR X192
- MCB X0101C or MCB X010/X010L or MCB X013C or MCB X000/X000L or MCB X004/X004L
- PSY XXXX or SOP XXXX or SYB XXXX
- STA X014 or STA X023 or STA X122

FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

NOTE: Epidemiology (3 credits) is recommended but not required.

REQUIREMENTS FOR THE MAJOR IN NURSING: ACCELERATED SECOND BACHELOR'S DEGREE

TOTAL MAJOR HOURS: 62

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (62 HOURS)

- NUR 3026 Patient Centered Care: Essentials of the Nursing Practice
- NUR 3026L Patient Centered Care: Essentials of the Nursing Practice Clinical
- NUR 3027L Patient Centered Care: Essentials of Nursing Practice Lab
- NUR 3066 Health Assessment, Wellness, and Prevention Across the Life Span
- NUR 3066L Health Assessment, Wellness, and Prevention Across the Life Span Lab
- NUR 3125 Pathophysiology for Nursing Practice
- NUR 3145 Pharmacology in Nursing Practice
- NUR 3225 Complex Health Nursing I
- NUR 3225L Complex Health Nursing Clinical I
- NUR 3825 Introduction to the Profession of Nursing
- NUR 4165 Evidence-Based Practice
- NUR 4227 Complex Health Nursing II
- NUR 4227L Complex Health Nursing II Clinical
- NUR 4467 Nursing Care of Women, Children, and Families
- NUR 4467L Nursing Care of Women, Children, and Families Clinical
- NUR 4535 Psychiatric/Mental Health Nursing
- NUR 4535L Psychiatric/Mental Health Nursing Clinical
- NUR 4635 Public Health Nursing
- NUR 4635L Public Health Nursing Clinical
- NUR 4827 Role Transition and Leadership in Nursing
GPA REQUIREMENTS
Minimum 3.0 cumulative GPA on all undergraduate work.

COURSE GRADE REQUIREMENT
All Nursing courses must be passed with a C or better in didactic and an S in clinical.

GRADING REQUIREMENT
All Nursing courses must be passed with a C or better in didactic and an S in clinical.

Please refer to the USF College of Nursing Student Handbook for grade and progression requirements.

Accelerated Second Bachelor's Degree major students who receive a grade below a C in didactic or an S in clinical of any required nursing course will not be permitted to continue in the accelerated major. If allowed to continue in the program, the student must progress through the Upper Division major, providing space and appropriate clinical placement is available.

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

NURSING: ACCELERATED SECOND BACHELOR'S DEGREE FACULTY

The RN to BS (NRN) major is for students currently licensed to practice as a Registered Nurse. The RN to BS option allows an RN with a diploma or an associate’s degree in nursing from a regionally accredited school to earn a Bachelor of Science degree with a major in Nursing.

**LIMITED ACCESS**

**THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.**

The College of Nursing is a limited access program. Any student who applies to the undergraduate program in the College of Nursing is initially coded as “pre-nursing” prior to official acceptance to the College of Nursing.

Admissions Requirements:

- Admission to the University of South Florida (Tampa Campus) as a degree seeking undergraduate student.
- Completed application to the College of Nursing prior to the published deadline for the intended term of entry.
- An overall GPA of 2.50 or higher on all undergraduate work (excluding Associate of Science Nursing courses).
- Associate Degree in Nursing from a regionally accredited institution. Nursing diplomas will be evaluated on a case by case basis.
- Must reside in the state of Florida with evidence of a current Florida RN licensure in good standing.
- Completion of the following pre-requisite courses by the application deadline for the intended term of entry with a minimum grade of “C” in each:
  - English Composition I (3) [ENC 1101](https://health.usf.edu/nursing/undergraduate/programs/rn-to-bs)
  - English Composition II (3) [ENC 1102](https://health.usf.edu/nursing/undergraduate/programs/rn-to-bs)

**STATE MANDATED COMMON COURSE PREREQUISITES**

The University's Enhanced General Education requirements and College of Nursing's prerequisite/support courses may be completed through the A.A. degree from a Florida College System institution. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The A.A. degree satisfies admission requirements only if courses are carefully selected and include the required major prerequisite/support courses.

The College of Nursing requires certain courses within the Enhanced General Education requirement for the natural, social and behavioral sciences, and mathematics. Students must complete the prerequisite courses listed below prior to being admitted to the RN to Bachelor's major. All prerequisite courses must be completed with a grade of “C” or higher.

All courses not approved by the Florida State Course Numbering System (includes all Florida public colleges, universities, and College System institutions) used to satisfy these prerequisite requirements will be evaluated individually on the basis of content and will require a catalog course description and a copy of the syllabus for assessment.

- BSC X085C Human Anatomy & Physiology I or BSC X085/X085L or BSC X093C or BSC X093/X093L (4)
- BSC X086C Human Anatomy & Physiology II or BSC X086/X086L or BSC X094C or BSC X094/X094L (4)
- CHM XXXX or BSC XXXX or PHY XXXX or PCB XXXX or BCH XXXX (3)
- DEP X004 Human Growth & Development or DEP X054 or DEP X000 or DEP X414 (3)
- HUN X201 Human Nutrition or NUR X192 (3)
MCB X010C Microbiology or MCB X010/X010L, MCB X013C or MCB X000/X000L or MCB X004/X004L (4)
PSY XXXX or SYG XXXX or SOP XXXX (3)
STA X014 Statistics or STA X023 or STA X122 (3)

FOR ALL MAJORS: Students are strongly encourage to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

NOTE: Epidemiology (3 credits) is recommended but not required.

REQUIREMENTS FOR THE MAJOR IN NURSING: RN TO BACHELOR’S

TOTAL MAJOR HOURS: 30

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (15 HOURS)

- NUR 3805 Nursing as a Profession
- NUR 3078 Information Technology Skills for Nurses
- NUR 4895 Educational Role of the Nurse in Healthcare
- NUR 4828C Foundations of Nursing Healthcare Leadership & Management
- NUR 4169C Evidence-Based Practice for Baccalaureate Prepared Nurse
- NUR 4634C Population Health

MAJOR ELECTIVES (15 HOURS)

Students select one of three clusters during the second semester. The three clusters are Clinical Practice, Education, and Leadership. Students must complete at least two courses from the selected cluster. Remaining credits may be selected from any cluster. Please contact an academic advisor in Nursing for required cluster courses.

Cluster/Elective course availability will vary semester to semester and may include, and are not limited to:

- NSP 3147 Web-Based Education for Staff Development
- NSP 3640 Introduction to Military & Veteran Healthcare
- NSP 4880 Foundations of Healthcare QI & Patient Safety
- NSP 4148 Simulation for Nursing Practice
- NSP 4545 Substance Abuse Across the Lifespan
- NSP 4614 Preventative Cardiology for Healthcare Professionals
- NSP 4855 Skills for Nursing Staff Development Educator
- NUR 3678 Nursing Healthcare for Vulnerable Populations
- NUR 3826 Ethical/Legal Aspects of Nursing & Health Care
- NUR 4069 Health Assessment for Registered Nurses
- NUR 4128 Pathophysiology/Pharmacology
- NUR 4795 Cancer Symptom Management
- NUR 4850 Fundamentals of Healthcare Finance for Nurses and Nurse Leaders
- NUR 4935 Selected Topics in Nursing
- NUR 3678 Nursing Healthcare for Vulnerable Population
- NUR 4285 Healthy Aging: Nursing Care of Older Adults
- NSP 4614 Preventative Cardiology for Healthcare Professionals
- NUR 4855 Healthcare Coordination of Care
- NUR 4935 Global Health
- NSP 3875 Digital Health

GPA REQUIREMENTS

Minimum 2.50 cumulative GPA on all undergraduate coursework.

GRADING REQUIREMENT

All Nursing courses must be passed with a C or better in didactic/lecture and an S in clinical.
OTHER REQUIREMENTS

All students must meet USF's residency and degree requirements.

RESEARCH OPPORTUNITIES

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

NURSING: RN TO BACHELOR'S FACULTY


B.S. - NURSING: UPPER DIVISION (NUR)

(CIP = 51.3801)
TOTAL DEGREE HOURS: 120

https://health.usf.edu/nursing/undergraduate/programs/upper-division

Certified Global Pathway Program

The Upper Division major (NUR) is for traditional Baccalaureate nursing major for students who have completed all nursing prerequisite courses and university general education requirements.

This program has been certified as a Global Pathway. A Global Pathway is an undergraduate major or degree program that has significant global content and align with the goals of USF's Quality Enhancement Plan, the Global Citizens Project. Global Pathways provide students with the opportunity to practice and apply global competencies through the major or degree program. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.

LIMITED ACCESS

THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

This is a full-time limited access program, as mandated by the state, and is structured sequentially. Admission is competitive. Any student who applies to the undergraduate program at the College of Nursing is initially coded as "Pre-Nursing" prior to official acceptance to the College of Nursing.
C.A.R.E. (Creating Access to RN Education) Pathway sequence is a special pathway developed for the first time in college (FTIC) students. Requirements for consideration are a minimum 3.8 cumulative weighted high school grade point average and a combined score of at least 1360 on the SAT or a composite score of at least a 29 on the ACT. To maintain C.A.R.E. status pre-nursing students must maintain a 3.60 GPA and a minimum grade of C (3.0 GPA) in all state mandated prerequisite courses.

Admissions Requirements:
- Admission to the University of South Florida, as a degree seeking undergraduate student.
- Completed application to the College of Nursing prior to the published deadline for the intended term of entry.
- Minimum 3.20 cumulative GPA on all undergraduate work.
- Completion of at least seven of the eight nursing pre-requisites course by published application deadline for the intended term of entry
  - Note: Any outstanding Nursing prerequisites must be completed by the program start date, with a C or better, while maintaining a cumulative GPA equal to or greater than 3.0.
- Completion of English Composition I, English Composition II, and State General Education Mathematics requirement by published application deadline.
- If selected, a formal interview with College of Nursing faculty.
- Completion of the University's foreign language entrance requirement (FLENT) and University General Education requirement by the intended term of entry.

If a student receives a grade less than a C in any two prerequisite courses while declared as Pre-Nursing, the student will be required to select another major at the University of South Florida. Grade forgiveness will not apply to the mandated requirement of changing the major. In addition, if a student does not meet the minimum GPA requirement to be eligible to apply for admission following 60 completed hours and all prerequisite courses attempted, the student will be required to select another major at the University of South Florida.

STATE MANDATED COMMON COURSE PREREQUISITES

The state-mandated nursing common pre-requisites are required to be completed before the published application deadline for the intended term of entry. A grade of 'C' or better is required while maintaining a cumulative GPA equal to or greater than 3.0.

The University's Enhanced General Education requirements and College of Nursing's prerequisite/support courses may be completed through the A.A. degree from a Florida College System institution. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The A.A. degree satisfies admission requirements only if courses are carefully selected and include the required major prerequisite/support courses.

The College of Nursing requires certain courses within the Enhanced General Education requirement for the natural, social and behavioral sciences, and mathematics. Students must complete the prerequisite courses listed below prior to being admitted to the Upper Division major. All prerequisite courses must be completed with a grade of "C" or higher.

All courses not approved by the Florida State Course Numbering System (includes all Florida public colleges, universities, and College System institutions) used to satisfy these prerequisite requirements will be evaluated individually on the basis of content and will require a catalog course description and a copy of the syllabus for assessment.

- BSC X085C Human Anatomy & Physiology I or BSC X085/X085L or BSC X093C or BSC X093/X093L (4)
- BSC X086C Human Anatomy & Physiology II or BSC X086/X086L or BSC X094C or BSC X094/X094L (4)
- CHM XXXX or BSC XXXX or PHY XXXX or PCB XXXX or BCH XXXX (3)
- DEP X004 Human Growth & Development or DEP X054 or DEP X005 or DEP X414 (3)
- HUN X201 Human Nutrition or NUR X192 (3)
- MCB X010C Microbiology or MCB X010/X010L, MCB X013C or MCB X000/X000L or MCB X004/X004L (4)
- PSY XXXX or SYG XXXX or SOP XXXX (3)
- STA X014 Statistics or STA X023 or STA X122 (3)
FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

NOTE: Epidemiology (3 credits) is recommended but not required.

REQUIREMENTS FOR THE MAJOR IN NURSING: UPPER DIVISION

TOTAL MAJOR HOURS: 68

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (68 HOURS)

- NUR 3026 Patient Centered Care: Essentials of the Nursing Practice
- NUR 3026L Patient Centered Care: Essentials of the Nursing Practice Clinical
- NUR 3027L Patient Centered Care: Essentials of the Nursing Practice Lab
- NUR 3066 Health Assessment, Wellness, and Prevention Across the Life Span
- NUR 3066L Health Assessment, Wellness, and Prevention Across the Life Span Lab
- NUR 3125 Pathophysiology for Nursing Practice
- NUR 3145 Pharmacology in Nursing Practice
- NUR 3225 Complex Health Nursing I
- NUR 3225L Complex Health Nursing I Clinical
- NUR 3825 Introduction to the Profession of Nursing
- NUR 4165 Evidence-Based Practice
- NUR 4227 Complex Health Nursing II
- NUR 4227L Complex Health Nursing Clinical II
- NUR 4285 Healthy Aging: Nursing Care of Older Adults
- NUR 4467 Nursing Care of Women, Children, and Families
- NUR 4467L Nursing Care of Women, Children, and Families Clinical
- NUR 4535 Psychiatric/Mental Health Nursing
- NUR 4535L Psychiatric/Mental Health Nursing Clinical
- NUR 4635 Public Health Nursing
- NUR 4635L Public Health Nursing Clinical
- NUR 4827 Role Transition and Leadership in Nursing
- NUR 4888 Coordination of Care in Nursing
- NUR 4937 Nursing Seminar
- NUR 4948L Preceptorship

GPA REQUIREMENTS

Minimum 3.20 cumulative GPA on all undergraduate work. Required prerequisite course grades may be weighted.

COURSE GRADE REQUIREMENT

All Nursing courses must be passed with a C or better in didactic and an S in clinical.

GRADING REQUIREMENT

Please refer to the USF College of Nursing Student Handbook for grade and progression requirements.

RESEARCH OPPORTUNITIES

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

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About the College

With selfless dedication, we promise to use our transformational research and interdisciplinary approach to passionately solve problems and create conditions that allow every person the universal right to health and well-being. Our Practice is Our Passion. Degree programs are offered in multiple platforms to accommodate student needs. On-campus courses are available throughout the day and evening. The College offers almost 100 courses online, including 6 complete degree programs. COPH students embrace opportunities to see public health in practice in a variety of global settings. Through study abroad courses, international field experiences, and other opportunities, students annually travel to more than 20 countries, including Panama, Belize, Uganda, Malaysia and Ecuador among others.

Mission, Vision, Values

Mission

Our collective mission is to provide excellence in public health education, leadership, advocacy, research and service; to nurture and motivate our students; and to deliver enhanced health and well-being to all humankind through collaborative partnerships with researchers, educators, health professionals and administrators.

Vision

Our vision is to be the exemplary catalyst for public health innovation and advancement of the profession, locally and globally.

COPH core values are:

- Social responsibility
- Social justice
- Multidisciplinary approach
- Global perspective
- Altruism
- Diversity and inclusiveness
- Leadership
- Academic excellence
Accreditation

The College of Public Health is accredited by the Council on Education in Public Health (CEPH), http://ceph.org/. CEPH (800 Eye Street, NW, Suite 202, Washington, D.C. 20001-3710) is an independent agency that is recognized by the US Department of Education to accredit schools of public health. The College received notice dated October 20, 2011 that it has been reaccredited for seven years, through December 31, 2018; this is the maximum possible number of years attainable in a reaccreditation cycle.

College-Level Requirements

Admission Requirements

Admission to the College of Public Health is open to students who have been accepted into the University of South Florida and have declared a major in public health. Undergraduate students must submit a formal application for admission into the College of Public Health during orientation and advising for new students.

Declaration of Major: All students must have an overall and USF GPA of 2.0 in order to declare their major in public health. Majors and minors will be updated in your records within 2-3 business days.

Declaration of Minor: It is advised to declare your minor by 90 credit hours and to speak with your Academic Advisor about this addition and the excess credit hours policy. Please note, there should be no overlap (“double-dipping”) between a major and a minor. Courses can only be used for one.

Non Tampa Campus Students: Please be advised that if your home campus is not Tampa, you cannot declare into the Public Health major, you must first be accepted to USF Tampa campus prior to declaring your major. To change campus you must complete the process and form for a USF Change of Institution (Campus) at http://ugs.usf.edu/system/change-of-institution/.

Graduation Requirements

- Complete at least 120 accepted semester hours with a minimum USF cumulative GPA and overall GPA of 2.0.
- Complete the Foreign Language Entrance Requirement.
- Students must satisfy State Communication Requirement and State Computation Requirement. Transfer students who enter the University of South Florida with 60 or more semester hours from a regionally accredited institution are considered to have met the State Communication Requirement (formerly known as Gordon Rule Writing) and State Computation Requirement (formerly known as Gordon Rule Math).
- Complete the General Education Core and State Communication and Computation Requirement of 36 hours.
- Complete all major course requirements.
- None of the coursework taken for the major may be taken as an S/U grade, unless S/U is the only grading option available.
- The Audit option is available only during the first five (5) days of classes.
- Complete a minimum of 42 hours of upper-level courses (numbered 3000 or above).
- Thirty (30) of the last 60 semester hours must be completed at USF to fulfill the residency requirement.

Baccalaureate-Level Degree Programs

Global Pathways
https://www.usf.edu/gcp/students/index.aspx

A Global Pathway is an undergraduate major or degree program that has significant global content. Global Pathways provide students with the opportunity to practice and apply global competencies through the major or degree program. The following programs are designated as Global Pathway Programs:

Public Health
https://health.usf.edu/publichealth/
Bachelor of Science

Bachelor's of Science in Public Health
https://health.usf.edu/publichealth/undergrad/academic-programs

USF offers the first Bachelor’s in Public Health housed in an accredited College of Public Health in Florida. The BS in Public Health provides student-centered courses required for entry-level public health jobs found in government agencies, health corporations, community non-profit organizations and health care facilities.

Accelerated Programs

Undergraduate students who are seeking a career in public health can select to major in a broad range of Bachelor degree programs including engineering, business, social sciences, biological sciences, nursing, social work, pre-medicine, other allied health specialties or interdisciplinary degrees in order to be prepared for graduate work in the College.

Pre-medical students seeking admission to medical school may want to consider completing a Master’s degree in public health prior to application or admission to medical schools or as an alternative to clinical degrees.

The College offers several programs the Fast Track MPH/MSPH for USF Honors Students.

Minors

The College of Public Health offers minors in General Public Health, Environmental Health, Infection Control, Community Engaged Homeland Security & Emergency Management, and Nutrition. Each minor will prepare students more efficiently to implement their public health education into specific fields. For more information, see https://health.usf.edu/publichealth/undergrad/academic-programs

General Public Health

The goal of the general Public Health minor is to develop in a broad range of students an understanding and appreciation of the field of Public Health.

Community Engaged Homeland Security & Emergency Management

The Community Engaged Homeland Security and Emergency Management minor provides a broad foundation of homeland security and emergency management coursework for individuals interested in pursuing a career in local, state or national government and military careers.

Environmental Health

The minor provides students with a broad range of courses necessary to pursue an advanced degree in the field of Environmental and Occupational Health and Safety or to seek entry-level employment in a related field and is preparatory for careers in: environmental science, industrial hygiene, toxicology, risk assessment, and related health sciences careers.

Infection Control

The Infection Control minor is based on the competencies in the National Board Certification Exam for infection control. The minor provides a foundation of infection prevention and control principles for individuals interested in pursuing a career in infection prevention and control at a healthcare facility or alternate setting; or those who need this knowledge base to pursue opportunities at a local, state or national public health department; a governmental agency; an academic and/or research institution; or any other applicable arena.

Nutrition

Nutrition science is both personally and professionally relevant, emphasizing health promotion, optimal human performance, disease prevention, quality of life and longevity. Career opportunities that are complemented by a nutrition minor include public health, health sciences, food technology, psychology, gerontology, social work, health promotion and communication, with potential employment in the public and/or private sector.
The Advising team at the USF College of Public Health provides guidance on academic policies, requirements, and processes. Just as each public health student is unique, so should each degree plan. Advising is determined to working alongside students to design individualized plans while providing compassionate guidance through the journey of Public Health education.

Undergraduate Students can schedule an appointment with an adviser by using the eScheduler for current USF Students (see https://usfweb.usf.edu/escheduler/student.aspx Login in required).

Interested prospective students or Non USF students who do not have a USF ID number: Schedule appointments using the NonStudent eScheduler at https://ustweb.usf.edu/escheduler/NonStudentlogin.aspx.
B.S. - PUBLIC HEALTH (PUB)

(CIP = 51.2201)
TOTAL DEGREE HOURS: 120

http://health.usf.edu/publichealth/undergrad/academic-programs.htm

Certified Global Pathway Program

USF offers the first Bachelor's in Public Health housed in its accredited College of Public Health in Florida. The Bachelor of Science in Public Health provides the student-centered courses required for entry-level public health jobs found in government agencies, health corporations, community non-profit organizations and healthcare facilities.

STATE MANDATED COMMON COURSE PREREQUISITES

Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the University's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

NOTE: The University of South Florida B.S. in Public Health does not require any common prerequisites.

REQUIREMENTS FOR THE MAJOR IN PUBLIC HEALTH

TOTAL MAJOR HOURS: 54

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (30 HOURS)

- HSC 4211 Health, Behavior and Society
- HSC 4551 Survey of Human Diseases
- HSC 4624 Foundations of Global Health
- HSC 4630 Understanding U.S. Health Care
- PHC 3302 Introduction to Environmental & Occupational Health
- PHC 4030 Introduction to Epidemiology
- PHC 4069 Biostatistics in Society
- PHC 4101 Overview of Public Health Programs and Policies
- PHC 4117 Workforce & Leadership Development
- PHC 4464 Introduction to Health Disparities & Social Determinants

MAJOR ELECTIVES (24 HOURS)

Skills Courses (12 credit hours)

- HSC 4631 Critical Issues in Public Health*
- PHC 4720 Foundation to Professional Writing in Public Health
- PHC 4755 Foundations of Evaluation and Research in Public Health

Pick one course:
- PHC 4140 Introduction to Public Health Geographic Information Systems
- PHC 4931 Health Care Ethics
- PHC 4942 Public Health Field Seminar
- HSC 4537 Medical Terminology
Specialization Electives (12 credit hours)

Students may choose (but are not required) an area of specialization and take 12 credit hours from that chosen area:

**NUTRITION**
- HSC 4573 Foundations of Food Safety
- HUN 3126 Food and Culture
- HUN 3272 Sports Nutrition
- HUN 3296 Nutrition and Disease

**INFECTION CONTROL**
- HSC 4504 Foundations of Public Health Immunology
- HSC 4573 Foundations of Food Safety
- PHC 4031 Emerging Infectious Diseases
- PHC 4032 Foundations of Infection Control

**HEALTH EDUCATION**
- PHC 4141 Intervention Program Planning and Management
- PHC 4501 Health Education Theory and Behavior
- PHC 4582 Health Education Methods and Strategies
- Select one course from the following list:
  - HSC 4172 Women's Health: A Public Health Perspective
  - HSC 4579 Foundations of Maternal and Child Health

**ENVIRONMENTAL AND OCCUPATIONAL HEALTH**
- HSC 3503 Principles of Toxicology
- HSC 4213 Environmental and Occupational Risk Analysis
- HSC 4430 Occupational Health and Safety
- PHC 3320 Environmental Health Science

**GLOBAL HEALTH**
- PHC 4188 Public Health Emergencies in Large Populations
- PHC 4234 Public and Private Continuity Planning for Emergencies
- PHC 4375 Community Participation in Homeland Security
- PHC 4376 Disaster by Design: Exercise Development for Homeland Security Professionals

**Lower-Level Public Health Electives** (Choose up to 2 courses)

The following lower-level courses are not required for the major, but may be taken and applied toward the total degree hours requirement (120 hours).
- HSC 2017 Careers in Public Health
- HSC 2100 Contemporary Health Science
- HSC 2130 Sex, Health and Decision Making
- HSC 2933 Selected Topics in Public Health
- HUN 2201 Nutrition
- PHC 2100 Introduction to Public Health

**GPA REQUIREMENTS**

Maintain a major GPA of 2.0 in USF coursework.

**GRADING REQUIREMENT**

None of the coursework taken in the student’s major may be taken as an S/U grade, unless S/U is the only grading option. Coursework fulfilling the State Communication Requirement (formerly known as Gordon Rule Writing) and State Computation Requirement (formerly known as Gordon Rule Math) and General Education requirements may not be taken as S/U.

The Audit option is available only during the first 5 days of classes.
Grades of D+ or lower are not acceptable in the major.

**RESIDENCY REQUIREMENT**

Thirty (30) of the last 60 semester hours must be completed at USF to fulfill the residency requirement.

Research Opportunities

Undergraduate public health students are encouraged to participate in research ranging from laboratory studies to participatory community-based research with a focus on the culturally competent aspects of healthy community development including the social, economic, educational components. This research provides entry-level student employment opportunities on a variety of specific public health projects while learning basic research skills including data collection, data entry and technical report writing.

**OTHER INFORMATION**

Students completing the B.S. in Public Health will be able to:

1. Identify and articulate the core functions of public health.
   a. Explain the basic principles of epidemiology.
   b. Assess social and behavioral interventions to improve health of populations.
   c. Identify the impact of the environment and communicable diseases on health.
   d. Explain the role that public health plays in disaster prevention and management and evaluate public policy issues with respect to access, quality and cost when understanding health disparities within vulnerable populations.

2. Exhibit critical thinking and analytical abilities, including the capacities to engage in inductive and deductive thinking and quantitative reason, and to construct sound arguments.
   a. Identify topics pertaining to public health research.
   b. Generate research questions, analyze and present data, and interpret and discuss findings.
   c. Demonstrate awareness about current public health topics including an analysis of the societal attitudes that generate differences on current public health topics.

3. Communicate using effective oral skills.
   a. Demonstrate an ability to contribute effectively to group discussions and presentations.
   b. Apply effective public speaking skills during classroom presentations.

4. Develop effective written presentations.
   a. Demonstrate the use of information literacy skills such as locating and evaluating pertinent public health information.
   b. Demonstrate the ability to use library resources and scientific databases.
   c. Exhibit proper referencing secondary materials in APA format.

**ADVISING INFORMATION**

Physical Address: 13201 Bruce B. Down Blvd, Tampa, FL 33612-3805; Mail point - MDC 56
Phone: (813) 974-4633 toll free 1-888-USF-COPH
Office Hours: 8am - 5pm, Monday through Friday
Contact Email: UG-PublicHealthAdvising@health.usf.edu
Web Address: [http://health.usf.edu/publichealth/academicaffairs/registration/undergraduate.html](http://health.usf.edu/publichealth/academicaffairs/registration/undergraduate.html)
Declaration of Major: [http://health.usf.edu/publichealth/undergrad/continuing-students.htm](http://health.usf.edu/publichealth/undergrad/continuing-students.htm)
MINOR IN COMMUNITY ENGAGED HOMELAND SECURITY & EMERGENCY MANAGEMENT (HSE)

TOTAL MINOR HOURS: 15

http://health.usf.edu/publichealth/undergrad/academic-programs.htm

The Community Engaged Homeland Security and Emergency Management minor provides a broad foundation of homeland security and emergency management coursework for individuals interested in pursuing a career in local, state or national government and military careers.

REQUIREMENTS FOR THE MINOR IN COMMUNITY ENGAGED HOMELAND SECURITY & EMERGENCY MANAGEMENT

MINOR CORE (15 HOURS)

- PHC 4188 Public Health Emergencies in Large Populations
- PHC 4234 Public and Private Continuity Planning for Emergencies
- PHC 4250 Crisis in Leadership Disasters
- PHC 4375 Community Participation in Homeland Security
- PHC 4376 Disaster by Design: Exercise Development for Homeland Security Professionals

No courses may be applied toward both a major and a minor.

GPA REQUIREMENTS

A minimum average 2.0 GPA is required in all of the required courses for the minor.

GRADING REQUIREMENT

A minimum grade of C- for all required courses.

OTHER INFORMATION

Declaration of Minor: http://health.usf.edu/publichealth/undergrad/continuing-students.htm

ADVISING INFORMATION

It is highly recommended that students meet with an advisor in the College of Public Health early to verify coursework for the minor.

For additional information about the minor, please contact:
Email: UG-PublicHealthAdvising@health.usf.edu
Phone: (813) 974-4633
MINOR IN ENVIRONMENTAL HEALTH (EVH)

TOTAL MINOR HOURS: 15

http://health.usf.edu/publichealth/undergrad/academic-programs.htm

The minor provides students with a broad range of courses necessary to pursue an advanced degree in the field of Environmental and Occupational Health and Safety or to seek entry-level employment in a related field and is preparatory for careers in: environmental science, industrial hygiene, toxicology, risk assessment, and related health sciences careers.

REQUIREMENTS FOR THE MINOR IN ENVIRONMENTAL HEALTH

It is recommended students follow the sequence of courses listed below. These courses will give students a broad overview of environmental and occupational health concepts.

MINOR CORE (15 HOURS)

- HSC 3503 Principles of Toxicology
- HSC 4213 Environmental and Occupational Risk Analysis
- HSC 4430 Occupational Health and Safety
- PHC 3302 Introduction to Environmental and Occupational Health
- PHC 3320 Environmental Health Science

No courses may be applied toward both a major and a minor.

GPA REQUIREMENTS

A minimum average 2.0 GPA is required for all courses required for the minor.

COURSE GRADE REQUIREMENT

A minimum grade of C- for all required courses.

OTHER INFORMATION

Declaration of Minor: http://health.usf.edu/publichealth/undergrad/continuing-students.htm

ADVISING INFORMATION

It is highly recommended that students meet with an advisor in the College of Public Health early to verify coursework for the minor.

For additional information about the minor, please contact:
Email: UG-PublicHealthAdvising@health.usf.edu
Phone: (813) 974-4633

MINOR IN HEALTH EDUCATION (HEAL)

TOTAL MINOR HOURS: 15

http://health.usf.edu/publichealth/undergrad/academic-programs.htm

The goal of the Health Education minor in the Department of Community and Family Health is for students to develop basic skills in the development, implementation, and evaluation of theory-based public health education and health promotion programs for diverse audiences. The minor will also help prepare students for graduate coursework focused in these areas. By completing an additional 10 semester hours along with the minor, students should be eligible to sit for the Certified Health Education Specialist (CHES) national exam. Upon completion of the Health Education minor coursework, a student will be able to:

1. Articulate major public health theories and models focused on behavior change.
2. Develop health education programs for diverse audiences based on sound planning theory, tested frameworks and research design.
3. Communicate health education messages based on effective health communication strategies.
4. Develop skills in working with the media and health promotion advocacy

The Health Education minor consists of 15 credit hours. It is recommended that students follow the sequence of courses below. Electives may be chosen from a broad array of courses in consultation with Public Health undergraduate advisors in the Department of Community and Family Health.

REQUIREMENTS FOR THE MINOR IN HEALTH EDUCATION

MINOR CORE (15 HOURS)

- PHC 4141 Intervention Program Planning and Management
- PHC 4464 Introduction to Health Disparities and Social Determinants
- PHC 4501 Health Education Theory and Behavior
- PHC 4582 Health Education Methods and Strategies
- PHC 4755 Foundations of Evaluation and Research in Public Health

OTHER INFORMATION

The Certified Health Education Specialist Exam (CHES):

This Minor will prepare students to take the Certified Health Education Specialist (CHES) exam that requires 25 semester hours meeting the areas below:

Seven Areas of Responsibility:

- Area I: Assess Needs, Assets and Capacity for Health Education
- Area II: Plan Health Education
- Area III: Implement Health Education
- Area IV: Conduct Evaluation and Research Related to Health Education
- Area V: Administer and Manage Health Education
- Area VI: Serve as a Health Education Resource Person
- Area VII: Communicate and Advocate for Health and Health Education

Students Not Pursuing the BS in Public Health:

For those students who are not pursuing the BS in Public Health but another undergraduate degree, it is important to check with your advisor to determine those courses that could qualify for the 10 additional semester hours to sit for the CHES exam. The courses listed above as electives on the previous page are possibilities. Please also consult with Dr. Wright in the College of Public Health (lwrigh10@health.usf.edu) for more information.

Additional Information about the CHES from the website: https://www.nchec.org/ches-exam-eligibility

CHES Exam Eligibility

Eligibility to take the CHES examination is based exclusively on academic qualifications. An individual is eligible to take the examination if he/she has:

A bachelor's, masters or doctoral degree from an accredited institution of higher education; AND one of the following:

- An official transcript (including course titles) that clearly shows a major in health education, e.g., Health Education, Community Health Education, Public Health Education, School Health Education, etc. Degree/major must explicitly be in a discipline of "Health Education."

OR

- An official transcript that reflects at least 25 semester hours or 37 quarter hours of coursework with specific preparation addressing the Seven Areas of Responsibility and Competency for Health Educator

Nondiscrimination

The National Commission for Health Education Credentialing, Inc. (NCHEC) does not discriminate against any individual on the basis of religion, gender, ethnic background or physical disability.
90-Day Eligibility Option

The 90-day option is offered to students scheduled to graduate within 90 days of an exam date. To qualify for this option, a student must be enrolled in an accredited institution of higher education, and must submit an official transcript showing a minimum of 25 semester hours relating to the Area of Responsibility along with written verification from his/her faculty advisor assuring the student will complete all degree requirements within 90 days of the exam date.

Prescreening Service (optional)

This is a separate optional service offered to individuals and should ONLY be used if you are not sure you meet the requirements for the CHES exam. Upon receipt of the prescreen request form, fee and the applicant's official academic transcripts, NCHEC will review an applicant's credentials to determine eligibility. Deficiencies, if any, will be identified and guidance for exam qualification will be provided. This service is particularly useful to applicants whose academic preparation does not include a degree in health education, but who may have accumulated sufficient health education course work to qualify for the CHES examination. The prescreen request form requires a nonrefundable fee of $25.00. If eligible, the fee is applied toward the exam registration fee.

Prescreen Schedule:
- April Cycle: November 1 - February 1
- October Cycle: May 1 - August 1

Appeal of Denial of Eligibility:
1. If NCHEC does not approve an application for educational and/or disciplinary reasons, the applicant can initiate an appeal. Appeals must be made in writing to the Executive Director of NCHEC, including any supportive documents. The applicant is responsible for demonstrating that the appeal should be granted.
2. Appeals will be forwarded to the appropriate Division Board staff for review. The applicant will be notified in writing via USPS mail of the subsequent decision.

Requests for Special Testing Accommodations

Applicants requesting special arrangements and other special needs due to disabilities or religious restrictions must indicate this information on the application. Supporting documentation is required such as a letter from a religious leader indicating necessity to take for the exam on Sunday if choosing a Sabbath site. All requests must be received by application final deadline.

ADVISING INFORMATION

For more information regarding the minor contact:
Email: UG-PublicHealthAdvising@health.usf.edu
Phone: (813) 974-4633

Declaration of Minor: http://health.usf.edu/publichealth/undergrad/continuing-students.htm

MINOR IN INFECTION CONTROL (IFC)

TOTAL MINOR HOURS: 15

http://health.usf.edu/publichealth/undergrad/academic-programs.htm

The Infection Control minor is based on the competencies in the National Board Certification Exam for infection control. The minor provides a foundation of infection prevention and control principles for individuals interested in pursuing a career in infection prevention and control at a healthcare facility or alternate setting; or those who need this knowledge base to pursue opportunities at a local, state or national public health department; a governmental agency; an academic and/or research institution; or any other applicable arena.

REQUIREMENTS FOR THE MINOR IN INFECTION CONTROL

MINOR CORE (15 HOURS)
- HSC 4430 Occupational Health and Safety
- HSC 4504 Foundations of Public Health Immunology
- HSC 4573 Foundations of Food Safety
No courses may be applied toward both a major and a minor.

GPA REQUIREMENTS

A minimum average 2.0 GPA is required in the 15 credits that are required for obtaining this minor.

GRADING REQUIREMENT

A minimum grade of C- for all required courses.

OTHER INFORMATION

Declaration of Minor: http://health.usf.edu/publichealth/undergrad/continuing-students.htm

ADVISING INFORMATION

It is highly recommended that students meet with an advisor in the College of Public Health early to verify coursework for the minor.

For additional information about the minor, please contact:
Email: UG-PublicHealthAdvising@health.usf.edu
Phone: (813) 974-4633

MINOR IN NUTRITION (NUT)

TOTAL MINOR HOURS: 15

Nutrition science is both personally and professionally relevant, emphasizing health promotion, optimal human performance, disease prevention, quality of life and longevity. Career opportunities that are complemented by a nutrition minor include public health, health sciences, food technology, psychology, gerontology, social work, health promotion and communication, with potential employment in the public and/or private sector.

REQUIREMENTS FOR THE MINOR IN NUTRITION

MINOR CORE (15 HOURS)

- HSC 4573 Foundations of Food Safety
- HUN 2201 Nutrition
- HUN 3126 Food and Culture
- HUN 3272 Sports Nutrition
- HUN 3296 Nutrition and Disease

GPA REQUIREMENTS

A minimum average 2.0 GPA in the 15 credits are required for obtaining this minor.

GRADING REQUIREMENT

A minimum grade of C- for all required courses.

OTHER INFORMATION

Declaration of Minor: http://health.usf.edu/publichealth/undergrad/continuing-students.htm

ADVISING INFORMATION

It is highly recommended that students meet with an advisor in the College of Public Health early to verify coursework for the minor.

For additional information about the minor, please contact:
MINOR IN PUBLIC HEALTH (GPH)

TOTAL MINOR HOURS: 15

http://health.usf.edu/publichealth/undergrad/academic-programs.htm

The goal of the general Public Health minor is to develop in a broad range of students an understanding and appreciation of the field of Public Health.

REQUIREMENTS FOR THE MINOR IN PUBLIC HEALTH

It is recommended students follow the sequence of courses listed below. These courses will give students a broad overview of public health concepts.

MINOR CORE (15 HOURS)

- HSC 4551 Survey of Human Diseases
- PHC 4030 Introduction to Epidemiology
- PHC 4101 Overview of Public Health Programs and Policies
- PHC 4464 Introduction to Health Disparities and Social Determinants
- Select one of the following courses:
  - HSC 4211 Health, Behavior, and Society
  - HSC 4624 Foundations of Global Health
  - PHC 3302 Introduction to Environmental and Occupational Health
  - PHC 4069 Biostatistics in Society

There may be no overlap between coursework in a major and coursework in a minor.

GPA REQUIREMENTS

USF coursework for a minor must have a minimum GPA of at least 2.0.

RESIDENCY REQUIREMENT

The minor requires 15 credit hours of Public Health coursework and at least 8 credit hours used to satisfy the requirements must be from USF Tampa courses.

OTHER INFORMATION

Declaration of Minor: http://health.usf.edu/publichealth/undergrad/continuing-students.htm

ADVISING INFORMATION

It is highly recommended students meet with an advisor in the College of Public Health early to verify coursework for the minor.

For additional information about the minor, please contact:
Email: UG-PublicHealthAdvising@health.usf.edu
Phone: (813) 974-4633
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ROTC Programs

Aerospace Studies - Air Force ROTC

Aerospace Studies - Air Force ROTC
C.W. Bill Young Hall (CWY) 407
(813) 974-3367
afrotc@usf.edu
https://www.usf.edu/undergrad/air-force-rotc/

Here at USF, we are Detachment 158 of the Air Force Reserve Officer Training Corps (AFROTC) – Home of the “Flying Bulls.” The AFROTC curriculum we offer includes 16 credit hours of instruction by active duty Air Force officers. A cadet who successfully completes the AFROTC program and a Bachelor’s degree will earn an Air Force commission and enter active duty in the United States Air Force as a Second Lieutenant.

AFROTC is offered in a variety of three-to-five year programs and cadets must be enrolled full-time; i.e., carry at least 12 credit hours each fall and spring semester. In addition to their academic work, AFROTC cadets are also required to take a 2-hour non-credit leadership laboratory (LLAB) each semester. Cadets wear Air Force uniforms during LLAB, plan and execute leadership training, and learn Air Force customs and courtesies. Furthermore, AFROTC cadets must attend two physical training sessions on Tuesdays and Thursdays of each week to prepare them to successfully complete the Air Force Physical Fitness Assessment each semester. Physical training sessions are an hour long and begin at 5:45am.

AFROTC scholarships may be available for eligible applicants who meet highly competitive nationwide criteria established by AFROTC Headquarters. The scholarships may pay all tuition, fees, books, and a $300 - $500 per month tax-free stipend. For more information about scholarship criteria, contact us or visit www.afrotc.com for the most current scholarship information. An AFROTC scholarship is not required to enter or even complete the AFROTC program.

Students may join AFROTC at the beginning of the fall or spring semester. To get more information about our program or to start the process of becoming an AFROTC cadet, please contact our Air Force ROTC Office at USF via afrotc@usf.edu, phone 813-974-3367, or visit us in person on the 4th floor of the CWY Building, just north of the USF Campus Recreation Center on Maple Drive.

The program is divided into two categories. The General Military Course (GMC) consists of first and second year cadets The Professional Officer Course (POC) is made up of the third and fourth year cadets. To enter the POC a cadet must complete Field Training during the summer between second and third year. Field Training is intensive military leadership evaluation and training conducted at Maxwell Air Force Base, AL.

General Military Course (GMC)
The GMC consists of four one-hour courses offered in the fall and spring only. Each semester you are in GMC must include a two-hour LLAB and physical fitness sessions twice weekly. It is possible to take these 1-hour courses simultaneously to compress the GMC period from 2 years to 1 ½, or even 1 year. However, the 2-year program is the preferred approach. During GMC, cadets are introduced to the structure and core values of the U.S. Air Force as well as its storied history. Unless you are a scholarship cadet and in your second year of the program, you have no military obligation whatsoever and can leave at any time while in GMC. The program is designed like this so you can see if a career as an Air Force officer is right for you.

GMC Courses:
- AFR 1101 (Fall) -- Heritage and Values of the United States Air Force Part 1 (1 credit)
- AFR 1120 (Spring) -- Heritage and Values of the United States Air Force Part 2 (1 credit)
- AFR 2130 (Fall) – Team and Leadership Fundamentals Part I (1 credit)
- AFR 2140 (Spring) -- Team and Leadership Fundamentals Part 2 (1 credit)
Field Training (FT)
Prior to entering the Professional Officer Course, cadets must successfully complete Field Training (FT) at Maxwell Air Force Base, Montgomery, Alabama which will test their leadership potential. Earning a FT slot is competitive and selection is based on several performance criteria such as GPA, standardized test scores, and Physical Fitness Assessment scores.

Professional Officer Course (POC)
The POC consists of four semesters of three-hour courses offered only in the fall and spring. Each semester you are in POC must include a two-hour LLAB and physical fitness sessions twice weekly. Unlike GMC, the POC cannot be compressed and requires 2 years to complete. POC cadets learn and apply leadership and time management principles and are responsible for the design and execution of all cadet activities. Active duty officers are available full-time to guide and mentor POC cadets to ensure they provide quality training for all the cadets in the program. POC cadets conduct the leadership seminars and manage the cadet corps. To develop POC cadets and prepare them to enter active duty, emphasis is placed on small group discussions and presentations on topics such as management, communication skills and national defense policy. As a POC cadet, you sign an Air Force Reserve contract. This entitles you to a monthly stipend of $300 to $500 during the academic year whether or not you receive an AFROTC scholarship.

POC Courses:
- AFR 3220 (Fall) – Leading People and Effective Communication Part 1 (3 credits)
- AFR 3231 (Spring) -- Leading People and Effective Communication Part 2 (3 credits)
- AFR 4201 (Fall) -- National Security Affairs and Preparation for Active Duty Part I (3 credits)
- AFR 4211 (Spring) -- National Security Affairs and Preparation for Active Duty Part 2 (3 credits)

Both GMC and POC cadets must also enroll in AFR 2001 (Fall/Spring) -- AFROTC Leadership Lab (0 credit – S/U grade only)

Just like physical training, all Air Force ROTC cadets must participate in LLAB every semester. LLAB is a cadet-run course that provides excellent opportunities to develop your leadership and followership skills. Our goal in AFROTC is to develop leaders for the Air Force, so LLAB is an essential piece of your development as a future Air Force officer.

Furnished Items
The Air Force ROTC detachment provides all required items free of charge that you’ll need in the program to include a variety of uniforms and all AFR course material.

Air Force Careers
In addition to pilot careers, there are a multitude of USAF career options for officer candidates. To assist cadets in selecting an Air Force career, we bring in active duty officers from various career fields each semester to talk with our cadets. We also visit nearby military bases and coordinate orientation flights in actual USAF aircraft. With this background, cadets can make an informed decision on the career path that interest them most. Competition for flying careers occur in the first year of the POC. The selection for non-flying careers occurs at the beginning of the second year in POC.
The Department of Military Science for Army Reserve Officers Training Corps (AROTC) 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 for scholarship and/or contracted Cadets. 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.

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. Students registering for the Advanced Course must have met all requirements for Basic Course completion. The Advanced Course is designed to prepare the student who desires to be a Professional Army Officer for duty in the Active Army, Reserve or National Guard. Additional 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, infantry, armor, engineering, medical, 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.
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 three programs: (1) the Navy-Marine Corps Scholarship Program, (2) the Navy-Marine Corps College Program, and (3) the Three-Year/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. 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 five years for Navy option and Marine option.

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. Students in the College Program compete for 3-year or 2-year scholarships which must be earned prior to commencement of junior year. The Navy pays for uniforms and naval science textbooks for the freshman and sophomore years each year. Each student is eligible to apply for a two- or three-year Sideload Scholarship through the NROTC unit based on past academic performance, potential, physical fitness and advisor evaluations. This scholarship covers tuition, fees, books and a stipend akin to the 4-Year Scholarship Program. Other students may receive Advanced Standing which only provides a stipend. Those students who do not obtain a Sideload Scholarship or Advanced Standing by their junior year will be dropped from the program. 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 five years.
Three-Year/Two-Year NROTC Scholarship Program

The three-year/two-year scholarship program is offered on a limited basis specifically for students commencing their second or 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 May 31st. Qualifications for acceptance to this program include demonstrated ability to excel in a math, physical science, or engineering major and who has demonstrated above average performance in integral calculus.

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 and serve on active duty for a minimum of five years for Navy option and Marine option.

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, “OCS,” 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.

Furnished Items

All uniforms, textbooks, and equipment needed by the student for naval science courses are furnished by the Navy.

Use of Naval 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.
The Joint Military Leadership Center (JMLC)

The Joint Military Leadership Center
4202 E. Fowler Avenue, SVC 2002
Tampa, FL 33612
(813) 974-4051
https://www.usf.edu/undergrad/jmlc/index.aspx

Consistent with the mission of the University of South Florida, a global, research university, The Joint Military Leadership Center focuses on preparing future commissioned officers to lead in a joint, multi-national environment through providing and maintaining a unique, state of the art, joint training facility for ROTC; sponsorship of joint activities; and promotion of joint planning and inter-service cooperation.

Programs

The Joint Military Leadership Center develops and implements educational programs to enhance the quality of the ROTC curriculum. Students will gain a better understanding and appreciation for the capabilities, limitations and culture of each military service and the challenges and value of joint operations. These programs include:

1. Sponsorship of relevant speakers from the Department of Defense, the Armed Services, Unified Combatant Commands, and the Senior National Representatives of the Coalition at U.S. Central Command.
2. An ROTC Living Learning Community (LLC) established in the university's Housing and Residential Education Department. See https://www.usf.edu/housing/residential-learning/llc-interest/rotc.aspx.
3. Student visits to MacDill Air Force Base and Unified Combatant Commands - U.S Central Command (USCENTCOM) and U.S. Special Operations Command (USSOCOM).
4. Promotion of cross-cultural competence and study of foreign languages and cultures.

The Joint Military Leadership Center focuses on preparing future commissioned officers to lead in a joint, multi-national environment through providing and maintaining a unique, state of the art, joint training facility for ROTC; sponsorship of joint activities; and promotion of joint planning and inter-service cooperation.

FOR PROGRAM REQUIREMENTS,
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### Certificate in Electrical Engineering, Digital Design, and The Arts

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About the College

The College of The Arts is the creative center of the University of South Florida’s Tampa campus. We prepare students for careers in architecture, community design, art, art history, music, theatre, and dance. USF is not only the starting point of a career in the arts, but Tampa Bay is also a perfect place to become part of the arts community.

At USF, we provide our students with hands-on experiences and real-world opportunities for exhibitions, performances and practice within our own university gallery spaces, museum and performance halls. Students also participate in design, research, performance and exhibition projects across the Tampa Bay community. We proudly feature our students, faculty and guest artists in almost 300 stage productions, concerts, exhibitions and lectures each year. Many of these are free and open to the public.

Research is how the College of The Arts provides resources to help students and the community benefit from the work and discovery at this university. Research in the Arts expands the practice of our students, faculty and community of artists through interdisciplinary work, global explorations of perspectives and local community engagement. The three research units of the College of The Arts – the Institute for Research in Art, the Center for Music Education Research and the Florida Center for Community Design and Research – exemplify the interdisciplinary significance of the arts. Through these research units, our students are exposed to various contemporary works that become incorporated into their curriculum and expand their own creative practices.

Mission, Vision, Values

Mission

The mission of the University of South Florida’s College of The Arts is to conduct scholarly and creative research and to challenge and inspire students to make significant contributions in the arts. At USF, we provide a learning environment that is engaged locally and nationally in contemporary issues and initiatives.

Vision

Our college aspires to achieve national and international recognition as a distinguished center for study, creation, and research (in architecture and community environmental design, publishing of prints and sculpture multiples, visual arts, dance, music, theatre, and contemporary exhibitions). We provide an innovative and exciting environment to prepare the next generation of architects, artists, designers, educators, scholars, and audiences for these disciplines. The Arts at USF supports and promotes creative research (including history and theory), performance, and production in these disciplines while continuing to engage the Tampa Bay community by enriching the cultural landscape and advancing sustainable practices.

Values

Our college values the role and function the arts have — both historically and in the present — as a means of discovery, expression, and reflection on our human experience and the world in which we live.

More specifically we value:

- Innovative approaches to teaching that fosters critical thinking, creative problem solving and effective communication
• Rigorous preparation in the foundations of one’s discipline as a point of departure for creative
development and scholarship
• Significant scholarly and creative research
• The diverse perspectives of faculty, guest artists/lecturers/scholars, and students
• Active involvement in the local, national, and international discipline-based dialog
• Interdisciplinary and collaborative opportunities – locally, nationally, and internationally
• Community engagement and partnerships
• Production and presentation of distinctive contemporary work
• Collegial participation of faculty, staff, and students in efforts of the schools, college, and university

Accreditation

School of Architecture & Community Design
The USF School of Architecture & Community Design is accredited by the National Architectural Accrediting
Board: For additional information about NAAB, visit their website at http://www.naab.org

School of Art & Art History
The USF School of Art & Art History is accredited by the National Association of Schools of Art and Design: For
additional information about NASAD, visit their website at http://www.nasad.arts-accredit.org

School of Music
The USF School of Music is accredited by the National Association of Schools of Music: For additional
information about NASM, visit their website at http://www.nasm.arts-accredit.org

School of Theatre & Dance
The Theatre Program is accredited by the National Association of Schools of Theatre: For additional
information about NAST, visit their website at http://www/nast.arts-accredit.org

The Dance Program is accredited by the National Association of Schools of Dance: For additional information
about NASD visit their website at http://www.nasd.arts-accredit.org

Contemporary Art Museum
The USF Contemporary Art Museum is accredited by American Alliance of Museums: For additional
information about AAM, visit their website at http://www/aam-us.org

College-Level Requirements

Admission Requirements

To apply for academic programs in the College of The Arts, you must first be accepted to the University of South
Florida. Once you meet USF requirements (https://www.usf.edu/admissions/), you can apply to your program of
interest. Some programs require an audition or portfolio submission. Check individual requirements for your program
of interest before applying.

Step 1: Apply for admission to the University of South Florida (see

Step 2: Apply for admission to the College of The Arts’ schools, please see Program-Specific Requirements.

General Requirements for Bachelor Degree Programs within the College of The Arts

1. All Bachelor degree programs require 120 credit hours with the exception of the Bachelor of Science degree
in Music Education, which requires 134 credit hours.

2. Students admitted to the College of The Arts with transfer credits, or former students returning with credits
dating ten or more years prior to admission (or readmission), will have those credits reviewed by the College
and department/school and may be required to take specified competency tests in their major area.

3. A maximum number of ROTC credits totaling no more than the maximum allowed in the Free Elective Area
for each major may be counted toward all degrees.
4. A maximum of four credit hours of elective Physical Education credits taken at USF may be counted as general elective credit.

5. Students must satisfactorily meet the State Communication Requirement and State Computation Requirement.

6. Students applying for a B.A. degree must demonstrate competency in a foreign language as described under Foreign Language Competency Policy of this catalog.

7. For degree programs, see requirements listed under each School.

8. Beginning Fall semester 2012, students must successfully complete a minimum of 50 percent of the courses required for their major on their specific home campus within the USF System. A student must also earn 30 of the last 60 hours of credits in residence at USF. However, any course work to be taken and any credits to be earned outside of the university must have prior approval from the appropriate school and the college in order to apply these credits toward graduation.

9. Waiver of prerequisite coursework totaling no more than 12 credit hours in the major or College requirements is possible by demonstration of competence. Unless credit is awarded by approved official tests, i.e., AP, CLEP, the credit hours must be made up according to school or college recommendations. A faculty committee conducts waiver reviews. Specific questions concerning program requirements for all degrees in the College or other related problems should be directed to the College of The Arts.

College Policy for Academic Progress
The following criteria will serve as the bases for disenrollment from a major in the College of The Arts:

1. Grade point average below 2.0 in the major.

2. Recommendation by major applied (studio) art, dance, music or theatre faculty with approval of respective school director.

3. The school may recommend probationary status (rather than disenrollment) for one semester when academic progress is not maintained.

Directed Studies Contracts
All Directed Studies and other variable credit courses in the College of The Arts require contracts between students and instructors describing the work to be undertaken by the student and specifying the credit hours. These contracts are to be completed in quadruplicate and appropriately signed. It is the student's responsibility to obtain the necessary signatures and make the required distribution of all copies. Important: the student must have his/her signed copy of a contract at the time of registration.

Permission Procedures
Admission into some courses is possible only by consent of instructor (CI), consent of chairperson (CC), consent of advisor, or by audition or portfolio review. When such special permission is required, it will be the student's responsibility to obtain any required permission prior to registration.

Program-Specific Requirements

School of Architecture & Community Design
https://www.usf.edu/arts/architecture/

Bachelor degrees are not awarded through the School of Architecture & Community Design. However, you can enroll in the Pre-Architecture program as an undergraduate. Once you have completed those courses, you are able to enroll in the Master degree programs.

School of Art & Art History
https://www.usf.edu/arts/art/apply/index.aspx

The School of Art & Art History offers Bachelor degrees in both Studio Art and Art History. No additional materials are required for admission to the undergraduate BA and BFA in Studio Art, or BA in Art History.
The School of Music provides a variety of areas of study for undergraduate programs. This includes brass, composition & electronic music, jazz studies, music education, percussion, piano, strings, voice, and woodwinds. Auditions are required for admission to all performance concentrations.

The School of Theatre & Dance offers undergraduate degrees only. Auditions are required for admission to the Dance programs. Theatre auditions only take place for upper-level performance coursework but are not required for admission. Portfolio submission is required for the Theatre Design concentration upper-level coursework.

Graduation Requirements

You must apply for graduation during your last semester of coursework and meet with your advisor to confirm your eligibility to graduate. The general university requirements for graduation are as follows:

- 120 credit hours or more, with cumulative 2.0 GPA.
- At least a 2.0 GPA in all USF courses.
- Complete at least 42 credit hours of upper division work.
- Complete State Communication and Computation requirements and USF Enhanced General Education courses.
- Complete Summer Enrollment requirements.
- Complete program requirements.
- You may need to complete specific College of The Arts requirements.

Instructions for submitting your USF Graduation Application are available on the Office of Registrar's website at https://www.usf.edu/registrar/resources/graduation.aspx. Remember to keep up with deadlines when applying for graduation and registering for commencement. These dates are different each semester, so check the Office of the Registrar's website regularly.

For information about The Art's Graduation Celebration, see https://www.usf.edu/arts/advising/graduation-celebration.aspx.

Other Information - Interdisciplinary Study

There is no formal interdisciplinary arts degree offered in the College of The Arts. However, it is possible for a student to pursue such a program of study in the College by utilizing general electives allowed in the major program. A student may also choose a double undergraduate major in two units or arts disciplines within the College of The Arts as a means of interdisciplinary study. See the major advisor in the programs of particular interest.

Baccalaureate-Level Degree Programs

Global Pathways
https://www.usf.edu/gcp/students/index.aspx

A Global Pathway is an undergraduate major or degree program that has significant global content. Global Pathways provide students with the opportunity to practice and apply global competencies through the major or degree program. The following programs are designated as Global Pathway Programs:

Music Education
http://music.arts.usf.edu/content/go/music-education/

Theatre
http://theatreanddance.arts.usf.edu/content/go/theatre/
Bachelor of Arts

Art History
https://www.usf.edu/arts/art/apply/index.aspx

Our B.A. program develops skills in critical looking, thinking and writing, and is excellent preparation for students interested in pursuing graduate studies in art history or considering a museum profession or other work in today’s professional art world.

Dance
http://theatreanddance.arts.usf.edu/content/templates/?z=11&a=98

The focus of this degree is to enable the student to combine dance with another area of interest and encourage the development of an individualized program of study through the selection of general education requirements as well as a focused selection of elective courses.

Music Studies
http://music.arts.usf.edu/content/templates/?a=1511&z=153

The Bachelor of Arts in Music Studies is a non-professional degree for students who wish to supplement other interests with music study. This program is ideal as part of a double major with a field outside of music. Requirements include approximately 50 hours in music with emphasis choices in performance, composition, history and theory. Admission into the program requires an audition on your major instrument.

Studio Art
https://www.usf.edu/arts/art/index.aspx

The B.A. in Studio Art is a 120 credit degree that is designed to develop the student's consciousness of aesthetic and ideological aspects of art and its relationship to life. The degree also assists students in the realization of personal ideas, art making skills and imagery. The B.A. is oriented toward a general and broad immersion in the field. Studio courses are supplemented with studies in art history, foreign language and an abundance of electives both within the School of Art and Art History and throughout the campus.

Theatre
http://theatreanddance.arts.usf.edu/content/templates/?a=84&z=10

Through its curriculum and production program, students have the opportunity to prepare for a professional career in the theatre or to continue their studies at the graduate level. Our exclusively undergraduate program boasts intensive studies in the disciplines of performance, design and theatre arts as well as a close working relationship with our nationally and internationally recognized faculty.

Bachelor of Fine Arts

Dance
http://theatreanddance.arts.usf.edu/content/templates/?z=11&a=92

The BFA in Dance Performance offers professional preparation, which includes extensive study in Studio Technique, Choreographic Studies and Dance Theory. The focus of this degree is the development of dancers who will enter the professional world of dance/arts as performers and choreographers.

Studio Art
http://art.arts.usf.edu/content/templates/?z=162&a=1100

The BFA in Studio Art is a 120 credit degree that is the initial professional degree in the field. As such, it has a concentrated focus on the development of art making skills combined with conceptual and critical thinking. The degree is designed to develop the student’s consciousness of aesthetic and ideological aspects of art and its relationship to life. Studio studies and experiences are of prime importance in the preparation of BFA students for professional lives in the visual arts.
Bachelor of Music

Music Performance
http://music.arts.usf.edu/content/templates/?a=1511&z=153

The Bachelor of Music is a professional degree for students who wish to pursue a career in music. Students interested in a BM can choose between three areas of concentration: composition (acoustic and electronic music), jazz studies and performance. This program requires 120 credit hours that includes intense private study on their principle instrument and participation in ensembles.

Bachelor of Science

Music Education
http://music.arts.usf.edu/content/templates/?a=1511&z=153

The Bachelor of Science degree in Music Education is a professional degree for students who are interested in teaching music in K-12 schools in the ever-changing music classrooms of the 21st century. This program is an intense study of music and education courses that provide students with state certification upon graduation. In addition to private study on their principle instrument and participation in ensembles, students complete music theory, history and literature sequences, and take a variety of music education courses.

Accelerated Programs

Architecture Program
https://www.usf.edu/arts/architecture/

The USF School of Architecture and Community Design offers a 2+4 program. A two-year undergraduate architecture program, coupled with general education coursework, is followed by a rigorous four-year comprehensive architecture education. There are several routes into and through the SACD architecture curriculum. Access to the four-year graduate program is competitive with only 45 students selected annually.

Before entering the 4-year architecture graduate program, students complete a minimum of 60 credit hours of general education and prerequisite courses at the University of South Florida or another college/university (the “2” of the 2+4). Having completed these requirements, students will complete the School’s 108 credit hour, Master of Architecture (M. Arch) degree program (the “4” of the 2+4). For more information regarding these requirements and coursework can be found on the Undergraduate page at https://www.usf.edu/arts/architecture/apply/index.aspx.

Minors

Art

The School of Art & Art History offers two concentrations for the Minor in Art: Studio and Art History.

Dance
http://theatreanddance.arts.usf.edu/content/templates/?z=11&a=94

The Dance Minor is designed to provide students with a scope of experiences in dance, which includes studio technique, creative studio studies and dance theory. The student seeking a Dance Minor should arrange to meet with the academic advisor in dance.

Theatre
http://theatreanddance.arts.usf.edu/content/templates/?a=86&z=10

The Theatre minor is structured to give students an overview of drama and theatre, in terms of history, performance, and criticism. The curriculum involves the student in both the practical and theoretical aspects of the theatre process.
Concentrations

A concentration is any organized set of courses that is offered as part of a major and enhances or complements the degree program to be awarded in a manner that leads to specific educational or occupational goals, and/or from different disciplines that provide an interdisciplinary focus.

DANCE – B.A.
- Dance Studies

DANCE – B.F.A.
- Ballet
- Modern Dance

MUSIC PERFORMANCE
- Jazz Studies
- Performance
- Acoustic & Electronic Composition

THEATRE
- Theatre Arts
- Design
- Performance

Certificates

Advanced Dance Studies
http://theatreanddance.arts.usf.edu/content/templates/?z=0&a=5891

This certificate is designed for students who possess a strong background in dance technique (ballet/modern). It is meant for individuals who would like to heighten their studies in dance and earn advanced level training.

Art History
https://www.usf.edu/arts/art/academics/minors-and-certificates/

The Certificate in Art History is designed for undergraduate students majoring in another field who also seek a concentration in art history. This certificate constitutes a sequence of five art history courses (15 credit hours) that provides students with a broad introduction to the field of art history.

Business and Art

The Certificate in Business and Art provides for the analysis and hands-on implementation of applied, innovative arts projects and business practices for all majors interested in maximizing creative problem solving with the integration of marketing and finance development in order to realize long-term strategies.

Dance Medicine and Science
http://theatreanddance.arts.usf.edu/content/templates/?z=0&a=5891

This certificate is designed for students who are degree-seeking (any major) OR non-degree seeking and who possess a strong interest in exploring the field of dance medicine/science. This certificate program will give students a basic understanding of issues pertaining to the wellness of dancers such as: typical injury and misalignment patterns, injury prevention and treatment, injury risk factors, effective conditioning, muscular analysis of dance movement, and current topics in dance medicine/science research.

Electrical Engineering, Digital Design, and The Arts

The union of arts and engineering has emerged as a significant intellectual, commercial and educational concept and has sparked creative new programs across the planet. The USF Electrical Engineering, Digital Design, and The Arts Certificate is for undergraduate students who are interested in this union, and exploring the overlapping areas of electrical engineering technology and the visual arts.
Visualization and Design

The Certificate in Visualization and Design provides theoretical studies and hands-on practice for all majors interested in the creative design of visual communication. Outcomes include building a portfolio from a variety of visual media and prepares those who complete the certificate for fields (depending on course selections) ranging from media designers, to animators, to research and product designers, to graphic/data developers.

Undergraduate Advising Information

Contact Information

USF College of The Arts
Office of Student Services & Advising
4202 East Fowler Ave, FAH 120
Tampa, FL 33620
(813) 974-3660
https://www.usf.edu/arts/advising/contact.aspx

Student Services & Advising offers academic support to prospective and current students in the USF College of The Arts. This includes the School of Architecture & Community Design, School of Art & Art History, School of Music and School of Theatre & Dance.

The Student Services & Advising Office assists prospective and current students with individualized academic planning. A few services provided include academic advisement, career guidance, and opportunities to engage with the College of The Arts community. Our academic advisors meet with students one-on-one to help each student map a path to graduation with opportunities for growth and knowledge during their time at USF.

To make a face-to-face appointment with an Academic Advisor:

- If you are an accepted or currently registered student at USF, use escheduler at https://usfweb.usf.edu/escheduler/student.aspx (requires login).

- If you ARE NOT a USF student, use the advisor appointment system at https://usfweb.usf.edu/escheduler/NonStudentLogin.aspx
The curriculum in art history reflects the belief that a traditional liberal arts program, supplemented by travel, is the best preparation for students who wish to teach the history of art at the college level or work in museums and galleries. Students will not specialize in a particular area such as Renaissance or Modern, but will acquire a general knowledge of the history of art. All Art History majors are required to take at least one 4000-level non-Western Art History course. Courses in areas such as history, philosophy, and literature are recommended as electives, both as supplement to undergraduate courses in art history and as a background for future graduate work. Art history majors are required to take courses in studio art as a means of better understanding what is involved in the art making process. It is important that students make every effort to travel to major museums in this country and, if possible, abroad.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

- ART X201 or ART X202 or ART X203 or ART X205
- ART X300 or ART X301 or ART X310
- ART X050 Introduction to Art History I
- ART X051 Introduction to Art History II
- XXX XXXX 9-12 semester hours of a single foreign language

REQUIREMENTS FOR THE MAJOR IN ART HISTORY

TOTAL MAJOR HOURS: 41

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (41 HOURS)

1. Art Preparation (12 credit hours):
   - ARH 2050 History of Visual Arts I*
   - ARH 2051 History of Visual Arts II*
   - ART 2201C Concepts and Practices I
   - ART 2301C Beginning Drawing

   *History of Visual Arts I and II must be used to satisfy the General Education Historical Perspectives requirement if the student is to remain within 120 hours for the degree.

2. Art History Survey (18 credit hours):
   - ARH 4170 Greek and Roman Art
   - ARH 4200 Medieval Art
   - ARH 4301 Renaissance Art
   - ARH 4310 Early Italian Renaissance
COLLEGE OF THE ARTS

UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

- ARH 4312 Late Italian Renaissance
- ARH 4333 Northern Renaissance Art
- ARH 4350 Baroque and Rococo Art
- ARH 4430 19th Century Art
- ARH 4450 20th Century Art
- ARH 4475C Contemporary Issues in Art
- ARH 4520 African Art
- ARH 4530 Asian Art
- ARH 4571 Themes in Islamic Art and Architecture
- ARH 4930 Art History: Selected Topics*

*ARH 4930 Art History Selected Topics may be taken for degree credit only by approval of the academic advisor for the School of Art and Art History.

3. Art History Critical Studies or Directed Reading (9 credit hours):**
   - ARH 4800 Critical Studies in Art History and/or
   - ART 4900 Directed Reading

**Students may substitute 3 hours of ARH 4800 Critical Studies for 3 hours of 4000-level Art History Survey by permission of the instructor.

4. Plus (2 credit hours):
   - Extended Studies: required of all majors - London Middlesex Program, Paris Program, Public Art, Museum Internships, Community Art, Artists Internship/Apprenticeships, Art History Apprenticeships)

All Students earning a BA degree in Art History must complete the Foreign Language Exit Requirement.

Students are encouraged to take additional credits in Art History critical studies courses and Art History survey courses.

GRADING REQUIREMENT

All coursework in The School of Art & Art History must have a grade of "C" or better to satisfy program requirements.

RESIDENCY REQUIREMENT

In accordance with the policies of the University of South Florida a minimum of 50 percent of a candidate's credits in the major must be completed with the School of Art and Art History on the Tampa campus.

RESEARCH OPPORTUNITIES

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

ADVISING INFORMATION

Rachel Lynch rheedrick@usf.edu

ART HISTORY FACULTY

The focus of this degree is to enable the student to combine dance with another area of interest and encourage the development of an individualized program of study through the selection of general education requirements as well as a focused selection of elective courses. The selection of electives should be designed to provide each student with the maximum value of a liberal arts education within a focused area of study. A student with additional interest in another field (e.g., African Studies, Anthropology, Communications, Education, Health Science, History, Psychology, Religious Studies, Theatre, Women's Studies, etc.) should complete focused study in that area along with the core of study in dance. Each student is required to develop a final independent project incorporating dance with his or her focused study. Dance students must continue to take at least one technique course each semester. At the end of the third semester, the faculty will determine if appropriate progression has been made for continuation in the B.A. Dance major.

**LIMITED ACCESS**

**THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.**

The B.A. in Dance is a **limited access program** and is designed to provide students with a comprehensive core of study in Studio Technique, Choreographic Studies, and Dance Studies.

**STATE MANDATED COMMON COURSE PREREQUISITES**

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Although credit or elective credit toward the major will be given for these courses, placement in upper-level technique classes will continue to be based on individual proficiency. Other technique courses in other styles of dance may be accepted toward the major on a case-by-case basis at the discretion of the university. Transfer dance credits must be evaluated by faculty and dance advisor at time of entrance.

- DAN X603 or DAN X610 (2 credit hours)
- TPA X200 or TPA X223 or TPA X232 (3 credit hours)
- DAA X200-X209 (9 credit hours)
  - up to 10 credit hours of any lower-level Ballet Technique courses within the X200-X209 taxonomy
- DAA X100-X109 (9 credit hours)
  - up to 10 credit hours of any lower level-Modern Technique courses within the X100-X109 taxonomy

Please Note: Although credit toward the major will be given for these courses, placement in upper level technique classes will continue to be based on individual student proficiency.

Please Note: Other technique courses (i.e., in other styles of dance) may be accepted toward the major on a case-by-case basis at the discretion of the University.
REQUIREMENTS FOR THE MAJOR IN DANCE

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

Critiques

1. All students will be evaluated periodically by the faculty and critiqued each semester and will participate in progress conferences with the faculty.

2. If a student evidences deficiency in some area or in continuing progress toward the degree, the student may be placed on probation within the Dance program.

3. Failure to make satisfactory progress after being placed on probation shall constitute grounds for program recommendation to drop and discontinue the major.

Additional Standards

In addition to meeting the specific requirements and standards discussed above, the student and advisor will periodically evaluate the student's general progress. Students are required to meet with the Academic Advisor in Dance each semester. An unsatisfactory rating in one or more of the following areas could place the student on probation. A student on probation is given a specific amount of time to achieve a satisfactory rating before being dropped from the major program. The criteria include:

1. Appropriate academic progress.

2. Adequate technical skills and adaptability.

3. B average in major studio classes.

4. Physical conditioning that includes: nutrition, flexibility, strength, and healthful weight management necessary to facilitate safe technical and artistic expression.

5. Class probation and program probation require review, i.e., reinstatement in good standing or recommendation to drop major.

COURSE GRADE REQUIREMENT

A student must receive a C grade or better in required prerequisite courses and major course for Dance majors. Should a student fail to do so, the course(s) in which the student receives D or F grades must be repeated and a C grade or better earned.

RESEARCH OPPORTUNITIES

Note: Students in the B.A. take two Research courses as part of their degree program and complete an independent research project.

ACCREDITATION INFORMATION

The Dance Program is accredited by the National Association of Schools of Dance (NASD)

DANCE FACULTY

Director: M. Powers; Assistant Director: M.L. Morris Professors: J. Travers; Associate Professors: A. Carroll, M. Foley, A. Scott; Assistant Professors: B. Kohlmyer Instructors: M.L. Morris, P. Nunez, J. Parks; Academic Advisor: N. Niforos; Professors Emeriti: S. Robinson, G. Warren.
REQUIREMENTS FOR THE CONCENTRATION IN DANCE STUDIES

TOTAL CONCENTRATION HOURS: 64-74

CONCENTRATION CORE (55-65 HOURS)

Studio Technique (19-29 semester hours)
- DAA 2204 Ballet I
- DAA 2104 Modern Dance I
- DAA 3108 Modern Dance II
- DAA 3214 Ballet II
- DAA 3109 Modern Dance III or DAA 3209 Ballet III
- DAA 3395 World Dance Topics

Creative Studio Studies (12 semester hours)
- DAA 3624 Dance Improvisation
- DAA 3614 Choreography I
- DAA 3615 Choreography II
- DAA 4616 Choreography III
- DAA 4617 Choreography IV
- DAA 3686 Junior Performance Project
- DAA 4687 Performance

Dance Studies (24 semester hours)
- DAN 2160 Entry Seminar
- DAN 2100 Understanding the Dance Experience
- DAN 3584 Technical Theatre in Dance
- DAN 3714 Dance Kinesiology
- DAN 4134 Ballet History
- DAN 4135 20th Century Dance History
- DAN 4162 Research in Dance I
- DAN 4163 Research in Dance II
- DAN 4180 Dance Senior Seminar
- DAN 4906 Directed Study: Independent Research Project

Concentration Electives (9 hours)

Students choose 9 credit hours of focused electives in the other area of interest in consultation with the advisor.

GRADING REQUIREMENT

A student must receive a C grade or better in required courses for Dance majors. Should a student fail to do so, the course(s) in which the student receives D or F grades must be repeated and a C grade or better earned.
The B.F.A. in Dance (Ballet or Modern concentrations) offers professional preparation, which includes extensive study in Studio Technique, Choreographic Studies, and Dance Studies. The focus of this degree is the development of dancers who will enter the professional world of dance/arts as performers and choreographers. Beyond the expectations for continuing opportunities for performance, students selecting the B.F.A. will develop and present solo and group senior choreographic projects.

LIMITED ACCESS

THIS MAJOR HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

The B.F.A. is a limited access program. Students must participate in a selective admissions procedure. At the end of their third semester, students will be assessed by Dance faculty to determine eligibility. Dancers must continue to take technique courses throughout their degree program.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Although credit or elective credit toward the major will be given for these courses, placement in upper-level technique classes will continue to be based on individual proficiency. Other technique courses in other styles of dance may be accepted toward the major on a case-by-case basis, at the discretion of the University. Transfer dance credits must be evaluated by faculty and the Dance advisor at time of entrance.

Any 24 credit hours from the following 30 hours will be accepted toward the major:

- DAN X610 or DAN X600 (3 credit hours)
- DAN X611 or DAN X601 (3 credit hours)
- DAA X610 (2 credit hours)
- DAA X611 (2 credit hours)
- DAA X680 (2 credit hours)
  - or any lower level Repertory course in the X400-X499 series up to 4 credit hours
- DAA X681 (2 credit hours)
  - or any lower level Repertory course in the X400-X499 series up to 4 credit hours
- DAA X200-X209 (8 credit hours)
  - up to 8 credit hours of any lower-level Ballet Technique courses within the X200-X209 taxonomy
- DAA X100-X109 (8 credit hours)
  - up to 8 credit hours of any lower-level Modern Technique courses within the X100-X109 taxonomy

Please Note: Although credit toward the major will be given for these, placement in upper level technique classes will continue to be based on individual student proficiency.
REQUIREMENTS FOR THE MAJOR IN DANCE

RESEARCH OPPORTUNITIES

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

ACCREDITATION INFORMATION

The Dance Program is accredited by the National Association of Schools of Dance (NASD).

DANCE FACULTY

Director: M. Powers; Assistant Director: M.L. Morris; Professors: J. Travers; Associate Professors: M. Foley, A. Carroll, A. Scott; Assistant Professors: B. Kohlmyer; Instructors: M.L. Morris, P. Nunez, J. Parks; Academic Advisor: N. Niforos; Professors Emeriti: S. Robinson, G. Warren.

BALLET (DAB) CONCENTRATION

(CIP = 50.0301)

TOTAL CONCENTRATION HOURS: 78

CONCENTRATION CORE (63-77 HOURS)

Studio Technique (21-35 semester hours):

- DAA 2204 Ballet I
- DAA 2104 Modern Dance I
- DAA 3214 Ballet II
- DAA 3108 Modern Dance II
- DAA 3209 Ballet III
- DAA 4211 Ballet IV
- DAA 3294 Ballet Variations
- DAA 3395 World Dance Topics

Creative Studio Studies (17 semester hours):

- DAA 3624 Dance Improvisation
- DAA 3614 Choreography I
- DAA 3615 Choreography II
- DAA 4616 Choreography III
- DAA 4617 Choreography IV
- DAA 3686 Junior Performance Project
- DAA 4687 Performance
- DAA 4694 Senior Choreography Project

Dance Studies (25 semester hours):

- DAN 2160 Entry Seminar
- DAN 2100 Understanding the Dance Experience
- DAN 3584 Technical Theatre in Dance
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- DAN 3714 Dance Kinesiology
- DAN 4434 Laban Movement Analysis
- DAN 4134 Ballet History
- DAN 4135 20th Century Dance History
- DAN 4180 Dance Senior Seminar
- DAE 4340 Dance Pedagogy: Secondary Curriculum
- DAE 4340L Dance Pedagogy: Internship

Concentration Electives (1-15 hours)
Dance Electives: 1-15

COURSE GRADE REQUIREMENT

A grade of C- is the minimum accept grade for each major course.

MODERN DANCE (DAM) CONCENTRATION
(CIP = 50.0301)

REQUIREMENTS FOR THE CONCENTRATION IN MODERN DANCE

TOTAL CONCENTRATION HOURS: 78

CONCENTRATION CORE (61-75 HOURS)

Studio Technique (19-33 semester hours):
- DAA 2204 Ballet I
- DAA 2104 Modern Dance I
- DAA 3214 Ballet II
- DAA 3108 Modern Dance II
- DAA 3109 Modern Dance III
- DAA 4110 Modern Dance IV
- DAA 3395 World Dance Topics

Creative Studio Studies (17 semester hours):
- DAA 3624 Dance Improvisation
- DAA 3614 Choreography I
- DAA 3615 Choreography II
- DAA 4616 Choreography III
- DAA 4617 Choreography IV
- DAA 3686 Junior Performance Project
- DAA 4687 Performance
- DAA 4694 Senior Choreography Project

Dance Studies (25 semester hours):
- DAN 2160 Entry Seminar
- DAN 2100 Understanding the Dance Experience
- DAN 3584 Technical Theatre in Dance
- DAN 3714 Dance Kinesiology
- DAN 4434 Laban Movement Analysis
- DAN 4134 Ballet History
- DAN 4135 20th Century Dance History
- DAN 4180 Dance Senior Seminar
- DAE 4340 Dance Pedagogy: Secondary Curriculum
- DAE 4340L Dance Pedagogy: Internship
Concentration Electives (3-17 hours)
Dance Electives 3-17

GRADING REQUIREMENT

A grade of C- is the minimum acceptable grade for each major course.

B.S. - MUSIC EDUCATION (MUE)
(CIP = 13.1312)
TOTAL DEGREE HOURS: 134

http://music.arts.usf.edu/content/go/music-education/

Certified Global Pathway Program

The Bachelor of Science (B.S.) in Music Education is designed to prepare students as practitioners in the field. Practical experience is the underlying value in all courses and field experiences. Students receive direct experience with music education philosophies, theories, and practices through course work and laboratory settings, as well as the K-12 schools at all stages in the program. Students’ progress towards a robust, semester-long, student-teaching experience and participate in experimental and professional opportunities offered by formal and informal undergraduate and graduate symposia and contemporary consortia. This degree program challenges and prepares students to not only embrace the traditions of music education in the schools, but also to incorporate new potentials for the future.

This program has been certified as a Global Pathway. Global Pathway programs have significant global content and align with the goals of USF’s Quality Enhancement Plan, the Global Citizens Project. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.

STATE MANDATED COMMON COURSE PREREQUISITES

Transfer students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C-" is the minimum acceptable grade. If students are coming to the university from a Florida College System institution, the following prerequisite courses will be accepted as meeting lower level requirements.

Electives: Music credits beyond those required may be used as program electives.

This is an official state teacher education program. All music education students must demonstrate teaching proficiency upon completion of MUE 2090 in order to continue in the program. Students remain coded as pre-music education (MPE) until all degree admission requirements have been met.

In order to take advanced coursework in the music education program, students must present evidence that they have attained an average of B for three aural theory courses (MUT 1201, 1242, 2246, 2247) and have maintained an overall USF GPA of 3.0. These standards are prerequisites for MUE 3424, 3425, 4311, 4331, 4332, 4936, and 4940. Evidence can be in the form of either an updated USF transcript or a current degree audit report. This information must be presented to the academic advisor before the end of the drop/add week in order to enroll in any of these seven music education courses.

Note: The following prerequisites are required for all education majors. Students should consult their intended majors (listed under "Departments and Programs," below) for a list of other specific course prerequisites and requirements beyond these listed below:

- EDF X085*
- EDF X005 or MUE X040 *
- EME X040 * or MUE X691 or MUE X693 or MUE X690
- MUT X111 Music Theory or MUT X121
- MUT X112 Music Theory or MUT X122
- MUT X116 Music Theory or MUT X126
- MUT X117 Music Theory or MUT X127
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- (MUT X241 Aural Theory and MUT X242 and MUT X246 and MUT X247) or (MUT X221 and MUT X222 and MUT X226 and MUT X227) or (MUT X271 and MUT X272 and MUT X276 and MUT X277)
- MUN XXXX** 4 semester hours
- MVx X1X1 Secondary Applied Music Courses, 2-4 semester hours
- MVx X2X2 Secondary Applied Music Courses, 2-4 semester hours
- Secondary Piano Proficiency by Examination ***

* This course will no longer be required for admission purposes for students anticipating entering teacher education degree programs as a junior Fall 2019 and beyond.

** Varies from Track to Track

*** or (MVK X111 and MVK X112 and MVK X121 and MVK X122) or (MVK X111r and MVK X114 and MVK X121r and MVK X121r and MVK X211 and MVK X221) as needed to achieve piano proficiency.

Please Note: Duplicate courses such as MVK X111r may be repeated up to 4 times.

REQUIREMENTS FOR THE MAJOR IN MUSIC EDUCATION

TOTAL MAJOR HOURS: 92

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE (85 HOURS)

Music Courses (47 credit hours)

- **Music Theory** (9 credit hours)
  - MUT 1111, MUT 1112, MUT 2116
- **Aural Theory** (3 credit hours)
  - MUT 1241, MUT 1242, MUT 2246
- **Keyboard Skills** (0-8 credit hours)
  - MUE 1111 Keyboard Skills for Music Educators I
  - MUE 1112 Keyboard Skills for Music Educators II
  - or MVK 1111, MVK 1125, MVK 2121, MVK 2122 - Proficiency required by testing or course(s)
- **Conducting** (4 credit hours)
  - MUG 3104 Basic Conducting
  - MUG 3108 Advanced Conducting
- **Music History** (11 credit hours)
  - MUH 2020 The History of Blues and Rock or MUH 2051 Folk and Traditional Music of World Cultures
  - MUH 3300 Music History/Medieval and Renaissance
  - MUH 3301 Music History/Baroque and Classic
  - MUH 3302 Music History/Romantic and 20th Century
- **Applied Principal (Studio)** (2 terms each level) (12 credit hours)
  - MVx 131X, 232X, 333X (culminating in junior recital)
  - MUN 3XXX Major Ensemble (concurrent registration with studio) (6 credit hours)
  - Upper division voice principals may take up to one semester of opera as a major ensemble.
- **MUS 2010** Recital Attendance (attendance at minimum seven (7) programs per semester for five semesters. Must be registered each semester.)

Professional Education Courses (6 credit hours)

- TSL 4324 ESOL Competencies and Strategies
- RED 4312 Emergent Literacy Strategies and Assessment
Music Education (32 credit hours)

- MUE 2090 Foundations of Music Education
- MUE 3421 Choral Techniques
- MUE 3422 Wind Techniques (taken twice)
- MUE 3423 String Techniques
- MUE 3475 Percussions Techniques or MUN 3443 Percussion Ensemble
- MUE 3414 Creative Performance Chamber Ensemble
- MUE 3424 Progressive Music Education Methods 1
- MUE 3425 Progressive Music Education Methods 2
- MUE 4311 General Music Methods (includes pre-internship)
- MUE 4331 Choral Methods or MUE 4332 Instrumental Methods (includes pre-internship)
- MUE 4936 Senior Seminar in Music Education (taken with Internship)
- MUE 4940 Internship: Music Education [Register for 6 credit hours. 3 hours apply to EXIT Capstone]

Methods courses include:
1. Curriculum and instruction
2. Human development and learning,
3. Classroom management,
4. Assessment through measurements,
5. Teaching exceptional students with varied learning styles and achievement levels.

MAJOR ELECTIVES (7 HOURS)

Seven (7) credit hours of music electives.

The FTCE (Florida Teacher Certification Exam), which includes the GKT (General Knowledge Test), the PEd (Professional Education Exam), and the SAE (Subject Area Examination in Music) must be taken before entering the internship and successfully completed for the degree and for Florida teacher certification. A copy of the GKT results must be given by the student to the Music Advisor immediately upon receipt.

The Florida Teacher Certification Exam (FTCE)

The exam includes the General Knowledge Test (GKT), the Professional Education Exam (PEd), and the Subject Area Exam (SAE in Music). The GKT is taken separately. However, the PEd and the SAE can be taken together. Observe deadline notes below!

- If you are interning in the Fall semester, you must submit all passing scores of the required General Knowledge Test to the Music Advisor no later than 5:00 pm on the Friday after the preceding Spring commencement date in order to be guaranteed certification for degree completion.
- If you are interning in the Spring semester, you must submit all passing scores of the required General Knowledge Test to the Music Advisor no later than 5:00 pm on the Friday after the preceding Summer commencement date in order to be guaranteed certification for degree completion.
- Warning: Failure to adhere to the guidelines above will result in your inability to intern during the semester for which you have applied.
- Copies of passing scores of the Professional Education Exam and the Subject Area Exam must be submitted to the Music Advisor. These scores must be submitted no later than 5:00 pm on the Friday following the graduation ceremony during the semester in which you are interning.

Junior Recital for BS Degree in Music Education: A public recital will be given during the student's last year of applied music study. The student should have achieved junior classification as defined by the university and should be enrolled at the 3000 level in applied music. A recital performed at another institution will not satisfy graduation requirements for USF. The recital must be performed on the USF campus and the student must be enrolled in the studio of a USF faculty member during the term of said recital. Exceptions may be made by the Director of the School of Music when deemed appropriate.

A RECITAL APPROVAL FORM MUST BE COMPLETED FOLLOWING ALL RECITALS AND PLACED IN EACH MUSIC STUDENT’S ADVISING FOLDER IN ORDER FOR DEGREE CERTIFICATION PROCEDURES TO BE COMPLETED.
GPA REQUIREMENTS

The GPA in both specialization courses (music) and professional education courses (music education and education) must be 2.5 in order to graduate.

GRADING REQUIREMENT

The minimum acceptable grade for music, music education, education, and State Communication Requirement (formerly known as Gordon Rule Writing) and State Computation Requirement (formerly known as Gordon Rule Math) courses is "C-"

Aural theory courses must have an average grade of "B."

All music education courses must be completed with a C- or better. No "S" grades.

OTHER REQUIREMENTS

An application to change from pre-Music Education (MPE) to Music Education (MUE) is necessary for the major to be official. This is available through the Music Advisor's website and should be submitted to him when MUE 2090, the General Knowledge Test (GKT), and the Aural Theory courses have been completed.

RESEARCH OPPORTUNITIES

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

ACCREDITATION INFORMATION

National Association of Schools of Music

OTHER INFORMATION

All-Steinway School

ADVISING INFORMATION

Dr. William Hayden, Academic Advisor: wphayden@usf.edu or FAH 120

MUSIC EDUCATION FACULTY

The Music Performance degree is a professional degree for students who wish to pursue a career in music. Students interested in a B.M. degree may choose between concentrations in: Performance, Composition, Jazz Studies and Acoustic and Electronic Music. This degree program requires 120 credit hours of study that include private study on the student's principle instrument and participation in ensembles. Additionally, students complete music theory, history and literature sequences, and take additional coursework in their chosen concentration. Graduates from BM programs at USF find themselves in very competitive positions for graduate study and musical careers. Admission into the BM in music degree requires an audition on your major instrument.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- MUT X111 or MUT X121
- MUT X112 or MUT X122
- MUT X116 or MUT X126
- MUT X117 or MUT X127
- (MUT X241 and MUT X242 and MUT X246 and MUT X247) or (MUT X221 and MUT X222 and MUT X226 and MUT X227) or (MUT X271 and MUT X272 and MUT X276 and MUT X277)
- MUN XXXX (4 credit hours)
- MVX XX1X (2-4 credit hours)
- MVX XX2X (2-4 credit hours)
- XXX XXXX *
- Secondary Piano - Proficiency by examination **
  
  * Varies from Track to Track
  ** or (MVK X111 and MVK X112 and MVK X121 and MVK X122) or (MVK X111r and MVK X111r and MVK X121r and MVK X211 and MVK X221) as needed to achieve piano proficiency.

Please Note: Duplicate courses such as MVK X111r may be repeated up to 4 times.

REQUIRED SUPPORTING COURSES FOR THE MAJOR IN MUSIC PERFORMANCE

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 0 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student's final semester.

MUS 2010 Recital Attendance (0 credit)

All B.M. degree students must register and pass MUS 2010 for six semesters. A passing grade requires a minimum of seven recorded attendances at School of Music concert/recital events each semester.
MAJOR REQUIREMENTS FOR THE B.M. DEGREE:

JUNIOR RECITAL FOR BA AND BM DEGREES: A public recital (must be shared with another junior recital) will be given during the student's junior year. The student should have achieved junior classification as defined by the university and should be enrolled at the 3000 level in applied music, which would normally occur during a student's third year of study. Credit may be granted to transfer students for junior recitals completed at other institutions. This recital should have been completed during the student's junior year at that institution and a request for recognition of that recital should be made in writing to the applied division coordinator. No studio teacher is under any obligation to accept these transfer recitals.

SENIOR RECITAL FOR BM DEGREE: A public recital will be given during a student's senior year. The student should have achieved senior classification as defined by the university and should be enrolled at the 4000 level in applied music, which would normally occur during a student's fourth year of study. A senior recital performed at another institution will not satisfy graduation requirements for USF. The recital must be performed on the USF campus and the student must be enrolled in the studio of a USF faculty member during the term of said recital unless written permission to deviate from this policy is obtained from the School of Music Director.

A RECITAL APPROVAL FORM MUST BE COMPLETED FOLLOWING ALL RECITALS AND PLACED IN EACH MUSIC STUDENT'S ADVISING FOLDER IN ORDER FOR DEGREE CERTIFICATION PROCEDURES TO BE COMPLETED.

GRADING REQUIREMENT

All music majors and minors must earn at least a C- in every music course required for their degree program. Music education students must earn at least C- in all required music, music education, and education courses. Music courses resulting in grades of D or F must be repeated with subsequent registrations. Sequel courses may not be taken until prerequisites are satisfied with appropriate grades or waivers.

RESEARCH OPPORTUNITIES

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

MUSIC PERFORMANCE FACULTY


JAZZ STUDIES (MJP) CONCENTRATION

TOTAL CONCENTRATION HOURS: 78
CONCENTRATION CORE (76 HOURS)

- Music Theory (16 credit hours):
  - MUT 1111 Music Theory I
  - MUT 1112 Music Theory II
  - MUT 1241 Aural Theory I
  - MUT 1242 Aural Theory II
  - MUT 2116 Music Theory III
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- MUT 2117 Music Theory IV
- MUT 2246 Aural Theory III
- MUT 2247 Aural Theory IV

- **Music History** (11 credit hours):
  - MUH 3300 Music History/Medieval and Renaissance
  - MUH 3301 Music History/Baroque and Classical
  - MUH 3302 Music History/Romantic and 20th Century
  - MUH 4801 History of Jazz

- **Conducting** (2 credit hours):
  - MUG 3104 Basic Conducting

- **Senior Seminar** (1 credit hour):
  - MUS 4935 Music Senior Seminar

- **Recital Attendance** (0 credit hours):
  - MUS 2010 Recital Attendance

- **Ensemble** (minimum 8 credit hours):
  - Performance - All students enrolled in Applied Music for two (2) or three (3) credit hours are required to enroll in a Major Ensemble appropriate for their performing medium. A list of approved major ensembles is provided on the Music advising website.

- **Jazz Studies Concentration** (minimum 38 credit hours):
  - Applied music (studio major) through the 4000 level (24 credit hours)
  - MUT 2641 Jazz Theory and Improvisation I
  - MUT 2642 Jazz Theory and Improvisation II
  - MUT 3663 Advanced Jazz Improvisation I
  - MUT 3664 Advanced Jazz Improvisation II
  - MUT 3353 Jazz Composition and Arranging I
  - MUT 3354 Jazz Composition and Arranging II

**Concentration Electives (2 hours)**
MVJ 2110 Jazz Keyboard Skills (2 credit hours). May be satisfied by proficiency test or by course.

**PERFORMANCE (MPF) CONCENTRATION**
http://music.arts.usf.edu/content/templates/?z=153&a=1070

**REQUIREMENTS FOR THE CONCENTRATION IN PERFORMANCE**

**TOTAL CONCENTRATION HOURS: 48-61**

**CONCENTRATION CORE (45 HOURS)**

- **Music Theory** (22 credit hours):
  - MUT 1111 Music Theory I
  - MUT 1112 Music Theory II
  - MUT 1241 Aural Theory I
  - MUT 1242 Aural Theory II
  - MUT 2116 Music Theory III
  - MUT 2117 Music Theory IV
  - MUT 2246 Aural Theory III
  - MUT 2247 Aural Theory IV
  - MUT 4421 Eighteenth Century Practice
  - MUT 4571 Twentieth Century Practice
• **Music History** (8 credit hours):
  o **MUH 3300** Music History/Medieval and Renaissance
  o **MUH 3301** Music History/Baroque and Classical
  o **MUH 3302** Music History/Romantic and 20th Century

• **Conducting** (2 credit hours):
  o **MUG 3104** Basic Conducting

• **Senior Seminar** (1 credit hour):
  o **MUS 4935** Music Senior Seminar

• **Recital Attendance** (0 credit hours):
  o **MUS 2010** Recital Attendance

• **Major Ensemble** (12 credit hours):
  o Performance Majors – 8 credit hours
  o Composition – 4 credit hours
  o All students enrolled in Applied Music for three (3) or two (2) credit hours are required to enroll in a Major Ensemble appropriate to their performing medium. A list of approved major ensembles is provided on the Music advising website.

**Concentration Electives (3-16 hours)**

0-13 credit hours of music electives.

**Music History Elective** (3 credit hours):

• Choose One:
  o **MUH 4058** Intercultural Music in the Twentieth Century
  o **MUH 4801** History of Jazz

**Performance Concentration**

• Voice performance majors must enroll in **MUS 2201** for a total of 3 credits as part of their Music Electives.

• Voice performance majors are required to be competent at the beginning level of French, German, and Italian languages in addition to taking foreign language diction classes offered in the School of Music. Proficiency tests are administered by the Department of World Language Education. If needed, courses 1120 (4 credit hours) and 1120L (lab for 1 credit hour) in each language may be taken in the College of Arts and Sciences for up to 15 credit hours to meet the foreign language proficiency requirement.

• Upper division BM voice performance majors may take up to two semesters of opera as a major ensemble. Students who elect to take applied music beyond their minimal degree requirements will have the option of enrolling in either choral ensembles or in opera.

• Performance majors in piano are required to enroll in **MVK 4640** for 4 credits as a part of the Music Electives.

• The following requirements for the piano pedagogy emphasis are to be taken as a part of the Music Electives:
  o **MVK 4640** Piano Pedagogy I
  o **MVK 4641** Piano Pedagogy II
ACOUSTIC & ELECTRONIC COMPOSITION (MUC) CONCENTRATION
http://music.arts.usf.edu/content/go/composition-electronic-music/

REQUIREMENTS FOR THE CONCENTRATION IN ACOUSTIC & ELECTRONIC COMPOSITION

TOTAL CONCENTRATION HOURS: 78

CONCENTRATION CORE (76 HOURS)

- **ACADEMIC STUDIES** (31 credit hours):
  - **Music Theory** (18 credit hours) *[Diagnostic Test administered at first class meeting]*
    - MUT 1111
    - MUT 1112
    - MUT 2116
    - MUT 2117
    - MUT 4421
    - MUT 4571
  - **Aural Theory** (4 credit hours)
    - MUT 1241
    - MUT 1242
    - MUT 2246
    - MUT 2247
  - **Music History** (8 credit hours)
    - MUH 3300 Music History/Medieval and Renaissance
    - MUH 3301 Music History/Baroque and Classic
    - MUH 3302 Music History/Romantic and 20th Century
  - Electives:
    - MUH 2020
    - MUH 2051
    - MUH 4058
    - MUH 4372
    - MUH 4801
    - 0 credit if course taken to satisfy General Education or EXIT
  - **Senior Seminar** (1 credit hour)
    - MUS 4935 Music Senior Seminar (*S/U* grade only)

- **APPLIED STUDIES** (14 credit hours):
  - MUG 3104 Basic Conducting
  - MV? 131X and MV? 232X Applied Major (Studio) *[NOTE: 2 terms-each level 8 total credits]*
  - MUN 3XXX Major Ensemble *(Concurrent registration with studio is required for 4 total credits)*
    - 4 total credits
  - MUS 2010 Recital Attendance (*S/U* grade only)

- **MUSIC COMPOSITION** (31 credit hours):
  - **Acoustic Music**
    - MUC 1211 Freshman Composition and Instrumentation 1
    - MUC 1212 Freshman Composition and Instrumentation 2
    - MUC 2221 Sophomore Composition and Instrumentation 1
    - MUC 2222 Sophomore Composition and Instrumentation 2
    - MUC 3231 Junior Composition and Instrumentation 1
    - MUC 3232 Junior Composition and Instrumentation 2
    - MUC 4241 Senior Composition and Instrumentation
★ MUC 4950 Senior Recital/Project/Portfolio Presentation
  ○ Electronic Music
    ★ MUC 2301 Introduction to Electronic Music
    ★ MUC 3401 Analog Synthesis I
    ★ MUC 3402 Analog Synthesis II
    ★ MUC 3441 Digital Synthesis I
    ★ MUC 3442 Digital Synthesis II
    ★ MUC 4403 Real-Time Performance I

Concentration Electives (2 hours)

MUSIC ELECTIVES (2 credit hours):
  • Keyboard Skills [piano proficiency at Level 4 required by testing or course(s)]
    ○ MVK 1111 Keyboard Skills I
    ○ MVK 1125 Keyboard Skills II
    ○ MVK 2121 Keyboard Skills III
    ○ MVK 2122 Keyboard Skills IV
    ○ Other Music courses

Senior Recital Requirement

The second semester of the senior year is the only semester in the composition sequence that does not require the student to be in a composition class. Instead, students are required to register for Senior Recital (2 credits), which will have a scheduled meeting time (1 hour a week) and syllabus. This meeting time will be student-directed, but one or more composition faculty will be available to help answer questions at the students' request.

The Senior Recital Requirement consists of the following:

1. Portfolio Presentation (30 percent of final grade)
2. Recital (30 percent of final grade)
3. Participation in the Senior Project Concert (15 percent of final grade)
4. Senior Presentation in Composition Seminar (12 percent of final grade)
5. Composers Orchestra composition (13 percent of final grade)
6. Continued participation in Composition Seminar and Notation Emporium

Portfolio

Portfolios must be presented in final form by Monday, 5:00 PM, the last week of classes. Students will consult with faculty throughout the semester on assembling and fine-tuning the material. Faculty will review the portfolio by the time of final jury (final exam week). The portfolio will consist of the following:

1. A digital archive of all of the student's acoustic and electronic projects created over the 8-semester MUC sequence (this can be presented on the web or in physical copy, e.g. DVD, flash drive, etc.)
2. A database of performances, performers, etc. (hard copy)
3. 3 to 5 scores individually bound and professionally presented (at least one of these scores needs to be for both acoustic instruments and electronic media)
4. A curriculum vitae (hard copy)
5. A 300-word artist's statement (hard copy)

Recital

Seniors are responsible for scheduling, preparing for and presenting a 60-minute concert of their music during their final semester. This recital must take place during the semester that the student is registered for Senior Recital, and it is recommended to be before week 15 to allow time for preparing the video for the portfolio. It is expected to be professionally produced in one of the USF SOM halls, most likely in the Barness Recital Hall. The programming must include works for acoustic instruments, electronic media and work that combines the two. The recital will be assessed on quality of preparation, presentation and professional effectiveness (publicity, draw, archiving, etc.).
Senior Project Concert

Senior composition majors who are registered for Senior Recital will collaborate on and present a concert during the same semester. It will feature music and performances by the seniors primarily, but can involve other performers as well. Unlike the solo senior recital concert, it is required that this concert be off campus. Students have a scheduled meeting time that they can use each week for this purpose. This concert will be assessed on quality of preparation, presentation and professional effectiveness (publicity, draw, archiving, etc.).

Senior Presentation in Composition Seminar

Each senior will give 30-50 minute presentation on their music and issues surrounding it. This can be as a preview to their senior recital. Presentations must be scheduled by week 4, and no presentation will be scheduled after week 14. The presentation will be assessed on content as well as professionalism of presentation.

Composers’ Orchestra Composition

Each senior will be required to compose and program a piece written especially for the Composers’ Orchestra, an ad-hoc group of performing composition majors assembled for this purpose. The performance may take place in the Senior Recital or Senior Project concert, but it needs to be performed by week 15 at the latest. This final score and recording will be provided with the portfolio in addition to the 3-5 scores of other work.

Composition Seminar and Notation Emporium

Seniors in their final semester are expected to participate in the weekly seminar and emporium. Attendance is required and excessive absences or late arrivals can affect the Senior Recital final grade. (See attendance policy)

The Recital Approval form (available on music advisor’s door) must be completed and returned to the advisor.

GRADING REQUIREMENT

C- or better is the minimum grade for all courses; no S grades.

B.A. - MUSIC STUDIES (MSU)

(CIP = 50.9999)
TOTAL DEGREE HOURS: 120

http://music.arts.usf.edu/content/templates/?z=153&a=1072

The B.A. degree in Music Studies is part of the Provost’s Scholars Program (PSP). This is a program in which qualified students who enter USF directly from high school with 18 or more credits will be offered the opportunity to complete their undergraduate education in 3 years. Each selected student will be provided preferred registration privileges so that critical courses are not closed when they register. They will be given summer scholarships if they need to take summer classes and will be given scholarships to help them participate in study abroad programs. PSP students will live in the Honors College Living/Learning Community year 1. Students will be offered the assistance of faculty or off campus mentors, depending upon career goals and will be encouraged to use the fourth year for graduate study here at USF. Participants will not need to take larger academic loads and can take advantage of all that USF has to offer.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.
COLLEGE OF THE ARTS

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- MUT X111 Music Theory or MUT X121
- MUT X112 Music Theory or MUT X122
- MUT X116 Music Theory or MUT X126
- MUT X117 Music Theory or MUT X127
- MUT X241 Aural Theory or MUT X242 or X246 or MUT X247
- MUT X221 or MUT X222 or X226 or X227
- MUT X271 or X272 or X276 or X277
- MUN XXXX 4 semester hours
- MVX XX1X Secondary Applied Music Courses, 2-4 semester hours
- MVX XX2X Secondary Applied Music Courses, 2-4 semester hours
- XXX XXXX *
- Secondary Piano Proficiency by Examination **
  * Varies from Track to Track
  ** or (MVK X111 and MVK X112 and MVK X121 and MVK X122) or (MVK X111r and MVK X111r and MVK X121r and MVK X121r and MVK X211 and MVK X221) as needed to achieve piano proficiency.

Please Note: Duplicate courses such as MVK X111r may be repeated up to 4 times.

REQUIREMENTS FOR THE MAJOR IN MUSIC STUDIES

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 0 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

MUS 2010 Recital Attendance (0 credit)

All B.A. students in Music Studies must register and pass MUS 2010 for four semesters. A minimum of seven attendances must be recorded at School of Music concert/recital events each semester.

TOTAL MAJOR HOURS: 46

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (38 HOURS)

MUSIC CORE

- ACADEMIC COURSES (20 credit hours):
  - Music Theory [*Diagnostic Test administered at first class meeting]*
    - MUT 1111, MUT 1112, MUT 2116*
  - Aural Theory
    - MUT 1241, MUT 1242, MUT 2246*
  - *Jazz Theory
    - MUT 2641 and MUT 2642 may substitute for MUT 2116 and MUT 2246
  - Music History
    - MUH 3300 Medieval and Renaissance
  - Choose 2 of the following 3 courses:
    - MUH 3301 Music History/Baroque and Classic
    - MUH 3302 Music History/Romantic and 20th Century
    - MUH 4801 History of Jazz [recommended for jazz students]
• **APPLIED COURSES** (12 credit hours):
  - Applied Major (Studio)
    - MVX 131X, 232X [2 terms--each level]
  - Major Ensemble
    - MUN 3XXX [concurent registration with studio is required]
  - Recital Attendance
    - MUS 2010 ['S/U' grade only]

**MUSIC EMPHASIS** (6 credit hours) - Choose only one:

1. **ACADEMIC STUDIES** [cannot share courses used for Music Electives]
2. Choose two (2) of the following:
   - MUC 2301 Introduction to Electronic Music
   - MUH 2020 The History of Blues and Rock
   - MUH 2051 Folk and Traditional Music of World Cultures
   - MUH 3016 Survey of Jazz
   - MUL 3011 Western Art Music in Your Life
   - MUH 4058 Intercultural Music in the Twentieth Century
   - MUT 2117/MUT 2247 Music Theory IV/Aural Theory IV
   - MUT 4421 Eighteenth Century Practice
   - MUT 4571 Twentieth Century Practice
3. **APPLIED STUDIES**
   - Completion of Junior Level (MV? 333X) & Junior Recital
   - Two additional terms of major ensemble

**MAJOR ELECTIVES (8 HOURS)**

Electives: Music credits beyond those required may be used as program electives.

**MUSIC ELECTIVES (8 credit hours):**

- General Education Fine Arts & Exit recommended music courses also apply here.
- Keyboard Skills [piano proficiency at Level 2 required by testing or course(s)]
- Other music courses which are not used for Music Emphasis
- MUT 3353/3354 and MUT 3663/3664 are recommended for jazz students.

**JUNIOR RECITAL FOR BA AND BM DEGREES:** A public recital (must be shared with another junior recital) will be given during the student's junior year. The student should have achieved junior classification as defined by the university and should be enrolled at the 3000 level in applied music, which would normally occur during a student's third year of study. Credit may be granted to transfer students for junior recitals completed at other institutions. This recital should have been completed during the student's junior year at that institution and a request for recognition of that recital should be made in writing to the applied division coordinator. No studio teacher is under any obligation to accept these transfer recitals.

**A RECITAL APPROVAL FORM MUST BE COMPLETED FOLLOWING ALL RECITALS AND PLACED IN EACH MUSIC STUDENT'S ADVISING FOLDER IN ORDER FOR DEGREE CERTIFICATION PROCEDURES TO BE COMPLETED.**

**RESEARCH OPPORTUNITIES**

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

Revocation of Awards

Scholarship awards may be revoked if students

- Fail to maintain full-time status (12 credit hours)
- Fail to maintain required GPA
- Fail to participate in appropriate ensembles (as determined by applied teachers and ensemble directors)
- Switch major area of study outside of music
- Fail to perform satisfactorily in applied lessons or major ensemble(s)
- Fail to maintain satisfactory progress in academic studies in music

Repayment of award will be sought from any student who drops out of school, drops out of ensemble/applied music participation, or fails to maintain 12 credit hours during a semester in which they have received an award.

MUSIC STUDIES FACULTY

The music faculty is made up of outstanding musicians and scholars whose talents and achievements provide a unique educational resource for all music students. Faculty ensembles such as the Faculty Chamber Players and the Faculty Jazz Combo provide an important musical contribution to campus and Tampa area cultural life, and many music faculty perform in professional music ensembles across west central Florida. Faculty scholars are active researchers presenting and publishing their works nationally and internationally.


B.A. - STUDIO ART (SBA)

(CIP = 50.0701)
TOTAL DEGREE HOURS: 120

http://art.arts.usf.edu/content/templates/?z=162&a=1097

This degree is designed to develop the student's consciousness of aesthetic and ideological aspects of art and its relationship to life. The degree also assists students in the realization of personal ideas, art making skills and imagery. The BA is oriented toward a general and broad immersion in the field. Studio courses are supplemented with studies in art history, foreign language and an abundance of electives both within the School of Art and Art History and throughout the campus. While the BA in Studio Art is not usually the preferred preparation for moving on to the Master of Fine Arts degree, it is quite appropriate for seeking other advanced degrees, especially in the Liberal Arts or other similar programs.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.
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UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Note: It is recommended that transfer students complete both Design I and Design II prior to transfer. If a student does not complete Design I and Design II prior to transfer they should wait and enroll in ART 2201C (Concepts and Practices I) and ART 2203C (Concepts and Practices II) at USF.

- ART X201 Design I
- ART X202 Design II or ART X203
- ART X300 Drawing I
- ART X301 Drawing II or ART X330 or ART X205 or ART X310 or ART X305
- ARH X050 Art History Survey I
- ARH X051 Art History Survey II
- ART XXXX 6 semester hours of ART courses

NOTE: All courses except ARH X050 and ARH X051 require a 'C' or higher.

REQUIREMENTS FOR THE MAJOR IN STUDIO ART

TOTAL MAJOR HOURS: 56

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (56 HOURS)

1. Art Preparation (18 credit hours):
   - ARH 2050 History of Visual Arts I*
   - ARH 2051 History of Visual Arts II*
   - ART 2201C Concepts and Practices I**
   - ART 2203C Concepts and Practices II
   - ART 2301C Beginning Drawing
   - ART 3310C Intermediate Drawing or DIG 3119C Digital Drawing

*History of Visual Arts I can be used to satisfy Information & Data Literacy (TGEI) & History of Visual Arts II can be used to satisfy Human & Cultural Diversity (TGED) under the Enhanced General Education system.

**Concepts and Practices I can be used to satisfy the Creative Thinking (TGEC) requirement under the Enhanced General Education requirement system.

All studio courses, other than those designated as core or beginning studios, require the completion of the following core courses: ART 2201C or equivalent, ART 2203C or equivalent, ARH 2050 or ARH 2051, and ART 2301C or equivalent and ART 3310C or equivalent

2. Beginning Studio Workshops (12 credit hours):
   - 2000 Level 2-D Studio (ART 2XXX or PGY 2XXX)
   - 2000 Level 3-D Studio (ART 2XXX)
   - 2000 Level Studio (ART 2XXX or PGY 2XXX)
   - 2000 Level Studio (ART 2XXX or PGY 2XXX)

These courses may not be repeated. These courses are prerequisites to the intermediate-level Studio Courses. Students must take at least one two-dimensional and one three-dimensional studio course.

3. Intermediate Studio Workshops (12 credit hours):
   - 3000 Level Studio (ART 3XXX or PGY 3XXX or DIG 3XXX)
   - 3000 Level Studio (ART 3XXX or PGY 3XXX or DIG 3XXX)
   - 3000 Level Studio (ART 3XXX or PGY 3XXX or DIG 3XXX)
   - 3000 Level Studio (ART 3XXX or PGY 3XXX or DIG 3XXX)

4. Intermediate or Advanced Level Major Elective (3 credit hours):
   - ART 4XXX or PGY 4XXX or DIG 4XXX or ART 4XXX or PGY 4XXX
5. Art History (9 credit hours):
   - ARH 4450 20th Century Art**
   - ARH 4XXX
   - ARH 4XXX
   **ARH 4450 is required of all majors.
   
   ARH 4930 Art History: Selected Topics & ARH 4890 Paris Art History may be taken for degree credit only by approval of the academic advisor for the School of Art and Art History.

6. Additional Requirements (2 credit hours):
   - ART 4940: Extended Studies*

Students are encouraged to take additional credits in the Studio Workshops and Theme Studio Courses to fulfill art electives.

All Students earning a B.A. degree in Studio Art or Art History must complete the Foreign Language Exit Requirement.

GRADING REQUIREMENT
All coursework in the School of Art & Art History must have a grade of C or better to satisfy program requirements.

RESIDENCY REQUIREMENT
A minimum of 50 percent of the total hours required for a degree from the School of Art and Art History must be completed in The School of Art and Art History Tampa campus.

FOREIGN LANGUAGE REQUIREMENT
Any student seeking a B.A. in Studio Art must satisfy the Foreign Language Exit requirement (FLEX).

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

ADVISING INFORMATION
Rachel Lynch rheedrick@usf.edu

STUDIO ART FACULTY
The B.F.A. program in Studio Art will expose the student to many possibilities in the art-making process. The areas of emphasis in art media on the Tampa campus are painting, drawing, printmaking, photography, sculpture, ceramics, and electronic media/video/performance. These options provide access to a comprehensive program of study in art. Students can develop their conceptual and technical skills in a particular art discipline or decide to investigate a specific subject through the use of numerous media and "mixed" forms of art.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Note: It is recommended that transfer students complete both Design I and Design II prior to transfer. If a student does not complete Design I and Design II prior to transfer they should wait and enroll in ART 2201C (Concepts and Practices I) and ART 2203C (Concepts and Practices II) at USF.

- ART X201 Design I or ART XXXX
- ART X202 Design II or ART X203 or ART XXXX
- ART X300 Drawing I
- ART X301 Drawing II or ART X330 or ART X205 or ART X310 or ART X305
- ARH X050
- ARH X051
- ART XXXX 6 semester hours of ART courses

All courses except ARH X050 and ARH X501 require a 'C' or higher.

REQUIREMENTS FOR THE MAJOR IN STUDIO ART

TOTAL MAJOR HOURS: 82

MAJOR REQUIREMENTS FOR THE B.F.A. DEGREE:

MAJOR CORE (82 HOURS)

1. Art Foundations (18 credit hours):
   - ARH 2050 History of Visual Arts I*
   - ARH 2051 History of Visual Arts II*
   - ART 2201C Concepts and Practices I**
   - ART 2203C Concepts and Practices II
   - ART 2301C Beginning Drawing
   - ART 3310C Intermediate Drawing or DIG 3119C Digital Drawing
*History of Visual Arts I and II can be used to satisfy Information & Data Literacy (TGEI) & History of Visual Arts II can be used to satisfy Human & Cultural Diversity (TGED) under the Enhanced General Education system.

**Concepts and Practices I can be used to satisfy the Creative Thinking (TGEC) requirement under the Enhanced General Education system.

2. 2000 Level Studio (12 credit hours):
   - 2000 Level 2-D Studio (ART 2XXX or PGY 2XXX)
   - 2000 Level 3-D Studio (ART 2XXX)
   - 2000 Level Specialization (ART 2XXX or PGY 2XXX)
   - 2000 Level Elective Studio (ART 2XXX or PGY 2XXX)

These courses may not be repeated. These courses are prerequisites to the intermediate-level Studio Courses. Students must take at least one two-dimensional and one three-dimensional beginning studio course.

3. 3000 Level Studio (18 credit hours):
   - 3000 Level Specialization (ART 3XXX or PGY 3XXX or DIG 3XXX)
   - 3000 Level Specialization (ART 3XXX or PGY 3XXX or DIG 3XXX)
   - 3000 Level Specialization (ART 3XXX or PGY 3XXX or DIG 3XXX)
   - 3000 Level Non-Specialization (ART 3XXX or PGY 3XXX or DIG 3XXX)
   - 3000 Level Elective Studio (ART 3XXX or PGY 3XXX or DIG 3XXX)

4. 4000 Level Studio Specialization* (6 credit hours):
   - 4000 Level Specialization (ART 4XXX or PGY 4XXX)
   - 4000 Level Specialization (ART 4XXX or PGY 4XXX)
   *Note: Advanced Studios in Specialization must be taken sequentially and may not be completed during the same term.

5. Intermediate or Advanced Level Major Elective (6 credit hours):
   - ART 3XXX or PGY 3XXX or DIG 3XXX or ART 4XXX or PGY 4XXX

6. Art History (9 credit hours):
   - ARH 4450 20th Century Art
   - ARH 4475C Contemporary Issues in Art*
   - 4000 Level Period Art History (ARH 4XXX)
   *Note: ARH 4450 20th Century Art is a prerequisite for ARH 4475C Contemporary Issues in Art.

   ARH 4930 Art History: Selected Topics & ARH 4890 Paris Art History may be taken for degree credit only by approval of the academic advisor for the School of Art and Art History.

7. Additional Requirements (13 credit hours):
   - ART 3939 Real World
   - ART 4940 Extended Studies*
   - ART 4970C Senior Thesis**
   - ART 3618 Technology Essentials for Artists***

   **Must be taken with the second Advanced Studio in the student's specialization.

   ***Note: ART 3618 Technology Essentials for Artists is a prerequisite for ART 3939 RealWorld.

All studio courses--other than those designated as core or beginning studios--require the completion of the following core courses: ART 2201C or equivalent, ART 2203C or equivalent, ARH 2050 or ARH 2051, ART 2301C or equivalent, and ART 3310C or equivalent.
COURSE GRADE REQUIREMENT

The minimum acceptable grade for major courses in the School of Art and Art History is a "C" grade.

RESIDENCY REQUIREMENT

A minimum of 50 percent of the total hours required for a degree from the School of Art and Art History must be completed in The School of Art and Art History on the Tampa campus.

FOREIGN LANGUAGE REQUIREMENT

If a student has satisfied the FLENT (Foreign Language Entrance) requirement of two years of a single foreign language, there is no further foreign language required for the B.F.A. in Studio Art. If a student has not satisfied the FLENT requirement, he or she must satisfy the FLEX (Foreign Language Exit) requirement of two terms of a single foreign language at the college level or test out of the requirement.

RESEARCH OPPORTUNITIES

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

OTHER INFORMATION

The USF School of Art & Art History hosts fully equipped studios in all of these disciplines.

The B.F.A. program in Graphic Design is a limited access program and offered only at USF St. Petersburg. (Juniors and Seniors only)

Transfer credit from other institutions is accepted on the basis of a transcript evaluation. The School of Art & Art History accepts transfer credit from all Florida programs that are part of the "common course prerequisites."

ADVISING INFORMATION

Rachel Lynch rheidrick@usf.edu

STUDIO ART FACULTY


B.A. - THEATRE (TAR)

(CIP = 50.0501 TRACK 2 OF 2)
TOTAL DEGREE HOURS: 120

http://theatreanddance.arts.usf.edu/content/templates/?a=84&z=10

Certified Global Pathway Program

Through its curriculum and production program, students have the opportunity to prepare for a professional career in the theatre or to continue their studies at the graduate level. Our exclusively undergraduate program boasts intensive studies in the disciplines of performance, design and theatre arts as well as a close working relationship with our nationally and internationally recognized faculty.

This program has been certified as a Global Pathway. Global Pathway programs have significant global content and align with the goals of USF’s Quality Enhancement Plan, the Global Citizens Project. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.
STATE MANAGED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C is the minimum acceptable grade in prerequisite courses.

Students need not have completed a concentration of courses in theatre in order to consider a Theatre major at USF. However, admission to the upper-level Theatre Performance program is by audition and admission to the upper-level Design sequence is by portfolio review. If the student does not succeed in passing the audition or portfolio review certain Theatre program requirements may have to be repeated until successful completion of the audition or portfolio review can be achieved.

- THE X000 Any introductory course from THE X001-X035 (3 credit hours)
- THE X300 or THE X305 (3 credit hours)
- THE X925 (1 credit hour)
- TPA X290 (1 credit hour)
- TPA X200 or TPA X210 (3 credit hours)
- TPP X190 or TPP X110 (3 credit hours)
- Any combination THE, TPA and TPP course (9 credit hours)

REQUIREMENTS FOR THE MAJOR IN THEATRE

TOTAL MAJOR HOURS: 48-57

MAJOR REQUIREMENTS FOR THE B.A. DEGREE:

MAJOR CORE (33 HOURS)

Students may choose one of three areas for the B.A. degree: Performance, Design or Theatre Arts. Common to all is the following core, normally taken in the years indicated:

First Year (14 credit hours):

- THE 2020 Introduction to Theatre
- TPP 2110 Acting I
- TPA 2200 Introduction to Technical Theatre I
- TPA 2290L Technical Theatre Lab I
- TPA 2211 Introduction to Technical Theatre II or TPA 2220 Introduction to Technical Theatre III
- TPA 2291L Technical Theatre Lab II or TPP 2190L Technical Theatre Lab III

Second Year (8 credit hours):

- THE 2305 Script Analysis
- THE 3110 Theatre History I or THE 3111 Theatre History II
- TPA 2292 Production Involvement I
- TPP 2190 Studio Theatre Performance I

Third Year (8 credit hours):

- Choose two Theatre History/Literature Courses from the following list:
  - THE 3110 Theatre History I
  - THE 3111 Theatre History II
Fourth Year (3 credit hours):

- **THE 4562** Contemporary Performance Theory

Audition and Portfolio Review: All students desiring admittance into the upper level acting courses must audition and those entering the upper level design sequence must present a portfolio. This normally occurs after the completion of the sophomore year.

**RESIDENCY REQUIREMENT**

A minimum of 20 credit hours in the major must be earned in residence.

**RESEARCH OPPORTUNITIES**

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

**OPTIONAL HONORS PROGRAM**

The School Honors Program allows small select groups of upper-division students to work on special projects with faculty and guest artists for up to one year. The Honors Program is available to upper level majors who have a 3.5 GPA in the major and a 3.2 overall GPA and who have achieved a comparably high level of artistic or scholarly achievement. A 6-8 credit one-year sequence of courses is offered to students accepted into the Honors Program. The sequence progresses from a reading seminar to a guest artist practicum to a student thesis or project. With approval of director and instructor, the entire Honors sequence may substitute for one of the Theatre History/Literature requirements.

**ACCREDITATION INFORMATION**

USF is fully accredited by the National Association of Schools of Theatre (NAST).

**OTHER INFORMATION**

The School of Theatre & Dance believes in the ongoing influence of guest artists as choreographers, teachers for master classes, residencies and performers. The programs provide numerous opportunities to enhance the students' artistic awareness of professional possibilities. Recent Artists-in-Residence have included Trisha Brown, Bill T. Jones, Doug Varone, and Jennifer Archibald.

Through its curriculum and production program, Theatre offers seriously interested students the opportunity to prepare within a liberal arts atmosphere for a professional career in the theatre or to continue their studies at the graduate level.

For over 30 years, our exclusively undergraduate program has prepared critically aware and skilled theatre practitioners. The school's mission is to educate students in the art of theatre, to conduct original research, and to present challenging productions to the university and Tampa Bay communities.

Students may graduate with a broad-based theatre arts degree, or they may specialize in performance or design.
Special Features

1. The endowed British International Theatre Program (BRIT) brings three or more professional artists from the UK to work with upper level students for up to 6-8 weeks each spring semester. The BRIT Program is available to advanced theatre students by audition. The program consists of master classes and/or production experience with selected guest artists from the U.K.

2. The John W. Holloway Endowed Chair in Dance and Theatre provides funds annually for guest artist residencies. The Holloway Program provides classes and production experiences with internationally renowned artists in design, directing, acting, writing, and musical theatre.

3. USF’s Theatre program has a formal student Exchange Program with Middlesex University in London, England.

4. Guest artists have been working professionals from New York, San Francisco, Denver, Los Angeles, Munich, London, Tel Aviv.

Visiting Artists and Artists-in-Residence

The Theatre program at USF actively promotes guest artists on campus. A representative list of artists includes Maria Aitken, Peter Barkworth, Bill Bryden, Daniel Chumley, Russel Craig, Matthew Francis, George Foscher, Christopher Fry, John and Lisel Gale, Patrick Garland, Ronald Harwood, Jeff Jones, Rachel Kavanaugh, Sam Mendes, Bob Moody, Eric Overmyer, Louise Page, Estelle Parsons, Olga Petrovna, Roni Pinkovitch, Denis Quilley, Gerlind Reinshagen, L. Kenneth Richardson, Lord Brian Rix, James Roose-Evans, Dorothy Tutin, Robert Wierzel, and Jose Yglesias. These and others have helped the School develop relationships with UMO, London's West End, The Royal National Theatre, The Royal Shakespeare Company, The Actors' Studio, Broadway, San Francisco Mime Troupe, Free Theatre of Munich, The Chichester Festival, The Edinburgh Festival, The Spoleto Festival, Yale Repertory Theatre, and Habimah Theatre in Israel.

THEATRE FACULTY


THEATRE ARTS (TAA) CONCENTRATION

(CIP = 50.0501)

The Theatre Arts Concentration is intended for the student who, in consultation with the Theatre Advisor, wishes to construct his/her own degree program from a broad spectrum of theatre courses. In addition to courses in performance and design, areas of study available are Technical Theatre, Playwriting, Stage Management, Directing, Literature and Criticism, and more.

REQUIREMENTS FOR THE CONCENTRATION IN THEATRE ARTS

TOTAL CONCENTRATION HOURS: 54

CONCENTRATION CORE (21 HOURS)

- Additional 3 credit hours of TPP Courses
- Additional 18 credit hours of THE: TPA; TPP Courses
  - 9 credit hours must be at the upper level
DESIGN (TAD) CONCENTRATION
(CIP = 50.0501)
http://theatreanddance.arts.usf.edu/content/templates/?a=85&z=10

REQUIREMENTS FOR THE CONCENTRATION IN DESIGN

TOTAL CONCENTRATION HOURS: 57

CONCENTRATION CORE (24 HOURS)

- TPA 3007 Introduction to Design I
- TPA 3008 Introduction to Design II
- TPA 3208 Drafting and CAD I
- TPA 3231 Costume Construction or TPA 3223 Lighting Theory and Practice
- TPA 3251 Drafting and CAD II
- THE 4283 Architecture and Decoration
- THE 4264 History of Costume
- TPA 4011 Design Studio I

PERFORMANCE (TAP) CONCENTRATION
(CIP = 50.0501)

REQUIREMENTS FOR THE CONCENTRATION IN PERFORMANCE

TOTAL CONCENTRATION HOURS: 58

CONCENTRATION CORE (15 HOURS)

- TPP 2500 Movement for Actors
- TPP 3790 Voice for Actors
- TPP 3155 Acting II
- TPP 4180 Acting III
- TPP 4140 Styles of Acting

Concentration Electives (10 hours)

In addition to the Concentration Core courses, students must take a minimum of 10 hours of performance electives (TPP classes).

MINOR IN ART (ART)

TOTAL MINOR HOURS: 21-24

The School of Art & Art History offers two concentrations for the Minor in Art: Studio and Art History.

REQUIREMENTS FOR THE MINOR IN ART

MINOR CORE (21-24 HOURS)

Studio Concentration (24 credit hours):

1. Art Area Preparation (15 credit hours):
   - ARH 2050 History of Visual Arts I
   - ARH 2051 History of Visual Arts II
   - ART 2201C Concepts and Practices I
   - ART 2203C Concepts and Practices II
COLLEGE OF THE ARTS

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1. ART 2301C Beginning Drawing

2. Art Studio (9 credit hours):
   - Beginning Studio Workshop (two courses)
   - Intermediate Studio Workshop or Theme Studio (one course)

Art History Concentration (21 credit hours):

1. Art History Preparation (9 credit hours):
   - ARH 2050 History of Visual Arts I
   - ARH 2051 History of Visual Arts II
   - ART 2201C Concepts and Practices I or ART 2203C Concepts and Practices II

2. Art History (12 credit hours):
   - Art History Survey

RESIDENCY REQUIREMENT

In order to be awarded a minor in either Studio Art or Art History, the student attempting the minor must complete a minimum of 12 credits of the minor in the School of Art and Art History specifically on the USF Tampa campus.

MINOR IN DANCE (DAN)

TOTAL MINOR HOURS: 24

http://theatreanddance.arts.usf.edu/content/templates/?z=11&a=94

The Dance Minor is designed to provide students with a scope of experiences in dance that include studio technique, creative studio studies and dance theory. The student selecting a Dance Minor should arrange to meet with the academic advisor in dance prior to enrolling for classes.

REQUIREMENTS FOR THE MINOR IN DANCE

MINOR CORE (20 HOURS)

Studio Technique (10 credit hours):
Select 10 credits hours from the following list:

- DAA 2204 Ballet I
- DAA 3214 Ballet II
- DAA 3209 Ballet III
- DAA 4211 Ballet IV
- DAA 2104 Modern Dance I
- DAA 3108 Modern Dance II
- DAA 3109 Modern Dance III
- DAA 4110 Modern Dance IV
- DAA 2504 Jazz Dance
- DAA 4930 Dance Studies
- Studio Dance courses may be repeated once toward the Dance Minor.

Creative Studio Studies (4 credit hours):
Select 4 credits hours from the following list:

- DAA 3624 Dance Improvisation
- DAA 3614 Choreography I
- DAA 3615 Choreography II

Dance Theory (6 credit hours):
Select 6 credits hours from the following list:

- DAN 2100 Understanding the Dance Experience
MINOR ELECTIVES (4 HOURS)

4 credit hours of Dance electives.

GRADING REQUIREMENT

The student choosing a Dance minor must achieve a grade of C or better in all courses applied to the minor in Dance.

OTHER INFORMATION

Students must be at a Level II of technique to take **DAA 3614** Choreography I.

To attain the dance minor, students must complete at least one semester at the level II of technique (ballet or modern). Students must complete at least one semester of both ballet and modern.

MINOR IN THEATRE (TAR)

TOTAL MINOR HOURS: 23

http://theatreanddance.arts.usf.edu/content/templates/?z=10&a=86

The Theatre minor is structured to give students an overview of drama and theatre, in terms of history, performance, and criticism. The curriculum involves the student in both the practical and theoretical aspects of the theatre process. The minor offers ample opportunities for students to apply their skills onstage and/or backstage.

REQUIREMENTS FOR THE MINOR IN THEATRE

MINOR CORE (16 HOURS)

- **THE 2020** Introduction to Theatre
- **TPP 2110** Acting I
- **TPP 2190** Studio Theatre Performance I
- **TPA 2292** Production Involvement I
- **TPA 2200** Introduction to Technical Theatre I
- **TPA 2290L** Technical Theatre Lab I
- **TPA 2211** Introduction to Technical Theatre II or **TPA 2220** Introduction to Technical Theatre III
- **TPA 2291L** Technical Theatre Lab II or **TPA 2220L** Technical Theatre Lab III

MINOR ELECTIVES (7 HOURS)

A minimum of seven (7) credits hours chosen from courses with the following prefix: THE; TPP; TPA and with the approval of the advisor.

All audition and portfolio requirements apply.

RESIDENCY REQUIREMENT

A minimum of 12 credits must be taken in the USF School of Theatre & Dance.
CERTIFICATE IN ADVANCED DANCE STUDIES

TOTAL CERTIFICATE HOURS: 12

This certificate is designed for students who possess a strong background in dance technique (ballet/modern). It is meant for individuals who would like to heighten their studies in dance and earn advanced level training.

REQUIREMENTS FOR THE CERTIFICATE IN ADVANCED DANCE STUDIES

Students are required to take 12 credit hours composed of the course options below. At least one semester of either Ballet IV or Modern Dance IV is required.

CERTIFICATE CORE (3 HOURS)

- DAA 4211 Ballet IV or DAA 4110 Modern Dance IV

CERTIFICATE ELECTIVES (9 HOURS)

Students choose nine credit hours of coursework from the following list of courses:

- DAA 3109 Modern Dance III
- DAA 3209 Ballet III
- DAA 3624 Dance Improvisation
- DAA 3294 Ballet Variations (PR: DAA 3209 Ballet III)
- DAA 4110 Modern Dance IV
- DAA 4211 Ballet IV
- DAA 4687 Performance
- DAA 4930 Dance Studies (approved in advance by the Dance advisor)

Note: Ballet and Modern classes may be repeated.

COURSE GRADE REQUIREMENT

A grade of B- or higher in all courses is required.

RESIDENCY REQUIREMENT

A minimum of six credit hours of coursework taken at USF Tampa is required to meet residency requirements.

OTHER REQUIREMENTS

Students must audition for placement through the dance program and place into at least the level III of ballet or modern in order to qualify to pursue the certificate.

OTHER INFORMATION

Any degree-seeking student not currently majoring in Dance B.F.A. or B.A. or any non-degree seeking student may pursue the Advanced Dance Studies certificate.

ADVISING INFORMATION

Intent to pursue the certificate should be discussed with the academic advisor for Dance, Nadine Niforos via email at nniforos@usf.edu or 813-974-1739.

CERTIFICATE IN ART HISTORY

TOTAL CERTIFICATE HOURS: 15

The Certificate in Art History is designed for undergraduate students majoring in another field who also seek a concentration in art history. This certificate constitutes a sequence of five art history courses (15 credit hours) that provides students with a broad introduction to the field of art history.
REQUIREMENTS FOR THE CERTIFICATE IN ART HISTORY

CERTIFICATE CORE (6 HOURS)

- ARH 2050 History of Visual Arts I
- ARH 2051 History of Visual Arts II

CERTIFICATE ELECTIVES (9 HOURS)

students choose nine credit hours of coursework from the following list of courses:

- ARH 4170 Greek and Roman Art
- ARH 4200 Medieval Art
- ARH 4301 Renaissance Art
- ARH 4310 Early Italian Renaissance
- ARH 4312 Late Italian Renaissance
- ARH 4333 Northern Renaissance Art
- ARH 4350 Baroque and Rococo Art
- ARH 4430 Nineteenth Century Art
- ARH 4450 Twentieth Century Art
- ARH 4475C Contemporary Issues in Art
- ARH 4520 African Art
- ARH 4530 Asian Art
- ARH 4571 Themes in Islamic Art and Architecture

GPA REQUIREMENTS

A cumulative GPA of 2.5 in the certificate coursework is required.

COURSE GRADE REQUIREMENT

Courses must be taken on a letter-grade basis. The minimum acceptable grade for each course for the certificate is a C.

OTHER REQUIREMENTS

Students may substitute their last three hours in the certificate curriculum (their final art history course) for any art history seminar: ARH 4800.

CERTIFICATE IN BUSINESS AND ART

TOTAL CERTIFICATE HOURS: 12

The Certificate in Business and Art provides for the analysis and hands-on implementation of applied, innovative arts projects and business practices for all majors interested in maximizing creative problem solving with the integration of marketing and finance development in order to realize long-term strategies. A key outcome is the ability for artists and business graduates to effectively communicate and collaborate across disciplines too often considered as opposites. Both creativity and the understanding of fundamental business practices are essential to everyone in the future, regardless of fields of study, work and engagement.

REQUIREMENTS FOR THE CERTIFICATE IN BUSINESS AND ART

CERTIFICATE CORE (6 HOURS)

- ENT 3003 Principles of Business in Entrepreneurship
- ART 2201C Concepts and Practices
CERTIFICATE ELECTIVES (6 HOURS)

Select one Business course and one Art course from the below list of courses:

- **Business:**
  - FIN 2100 Personal Finance
  - MAR 3023 Basic Marketing

- **Art:**
  - ARH 2000 Art and Culture
  - ART 2301C Beginning Drawing
  - ART 3612C Beginning Video, Animation and Digital Arts

GPA REQUIREMENTS

A cumulative GPA of 2.5 in the certificate coursework is required.

GRADING REQUIREMENT

Courses must be taken on a letter-grade basis. The minimum acceptable grade for each course for the certificate is a C (not a C-).

OTHER REQUIREMENTS

This certificate is only for degree seeking students in any major.

CERTIFICATE IN DANCE MEDICINE AND SCIENCE

TOTAL CERTIFICATE HOURS: 18

http://theatreanddance.arts.usf.edu/content/go/dance/

This certificate is designed for students who are degree-seeking (any major) OR non-degree seeking and who possess a strong interest in exploring the field of dance medicine/science. This certificate program will give students a basic understanding of issues pertaining to the wellness of dancers such as: typical injury and misalignment patterns, injury prevention and treatment, injury risk factors, effective conditioning, muscular analysis of dance movement, and current topics in dance medicine/science research. Undergirding this specialized study are support courses which address the structure and function of the musculo-skeletal system as well as the mechanical principles related to motor performance, the physiological effects of exercise, nutrition, and principles of motor development and skill acquisition. The capstone experience will be undertaken in the Research in Dance II course where students will review a variety of research in the dance medicine/science field and will complete a research project exploring a relevant topic in the field. Students who are dance majors, health science majors, exercise science majors, or physical education majors interested in dance medicine/science, are encouraged to apply. Other majors are also welcome. Students are required to take 18 credit hours composed of the courses below. Intent to pursue the certificate should be discussed with the academic advisor for dance.

REQUIREMENTS FOR THE CERTIFICATE IN DANCE MEDICINE AND SCIENCE

CERTIFICATE CORE (12 HOURS)

- DAN 3714 Dance Kinesiology
- BSC 2085* Anatomy and Physiology I for Nursing and other Healthcare Professionals
- BSC 2085L* Anatomy and Physiology Lab I for Nursing and other Healthcare Professionals**
- DAN 4162 Research in Dance I
- DAN 4163 Research in Dance II

CERTIFICATE ELECTIVES (6 HOURS)

Students choose six credit hours of coursework from the following list of courses:

- PET 3312 Biomechanics
- PET 3031 Motor Behavior
### COURSE GRADE REQUIREMENT

A grade of C+ or higher in all courses is required.

### RESIDENCY REQUIREMENT

A minimum of nine (9) credit hours of coursework taken at USF Tampa is required to meet residency requirements.

### OTHER REQUIREMENTS

The Research in Dance courses should generally be taken last in the course sequence. Electives may be taken concurrently with the Research in Dance courses. Ideally, the student should take the Research in Dance II course last as it involves a capstone research experience.

### OTHER INFORMATION

Any degree-seeking student or any non-degree seeking student may pursue the Dance Medicine/Science certificate.

### ADVISING INFORMATION

Intent to pursue the certificate should be discussed with the academic advisor for Dance, Nadine Niforos via email at nniforos@usf.edu or 813-974-1739.

### CERTIFICATE IN ELECTRICAL ENGINEERING, DIGITAL DESIGN, AND THE ARTS

#### TOTAL CERTIFICATE HOURS: 12

The union of arts and engineering has emerged as a significant intellectual, commercial and educational concept and has sparked creative new programs across the planet. The USF Electrical Engineering, Digital Design, and The Arts Certificate is for undergraduate students who are interested in this union, and exploring the overlapping areas of electrical engineering technology and the visual arts. These innovative products and systems are unique and have value because of their form and function – think smartphones and watches, self-guiding vehicles and interactive multimedia. The goal of the four-course EE-Arts Certificate is to provide a path of increasing exposure to and understanding of this powerful combination, with intensive hands-on experience. Professionals skilled in this field have careers in product design, high technology manufacturing, animation/modeling, interactive game design, robotics, package design, and industrial design.

#### REQUIREMENTS FOR THE CERTIFICATE IN ELECTRICAL ENGINEERING, DIGITAL DESIGN, AND THE ARTS

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- EEL 3924 Makecourse-Art: Leonardo in the New Millennium
  - EGN 3060 Mechatronics for Innovation

GPA REQUIREMENTS

A cumulative GPA of 2.5 in the certificate coursework is required.

COURSE GRADE REQUIREMENT

The minimum acceptable grade for each course for the minor is a C (not a C-).

GRADING REQUIREMENT

Courses must be taken on a letter-grade basis.

OTHER REQUIREMENTS

It is highly recommended that students successfully complete:

- ART 2201C prior to enrolling in ART 3610C.
- EEL 3924 prior to enrolling in EGN 3060.

Students must complete an FKL general education math course prior to enrolling in EEL 3924 and/or EGN 3060.

This certificate is offered for degree-seeking students only.

CERTIFICATE IN VISUALIZATION AND DESIGN

TOTAL CERTIFICATE HOURS: 18

The Certificate in Visualization and Design provides theoretical studies and hands-on practice for all majors interested in the creative design of visual communication. Outcomes include building a portfolio from a variety of visual media and prepares those who complete the certificate for fields (depending on course selections) ranging from media designers, to animators, to research and product designers, to graphic/data developers.

REQUIREMENTS FOR THE CERTIFICATE IN VISUALIZATION AND DESIGN

CERTIFICATE CORE (6 HOURS)

Required courses (6 credit hours):

- ART 2201C Concepts and Practices I
- VIC 3001 Introduction to Visual Communications

CERTIFICATE ELECTIVES (12 HOURS)

Art Electives (select two courses - 6 credit hours)

- ART 2301C Beginning Drawing
- ART 3612C Beginning Video, Animation and Digital Arts
- ART 3613C Live Action Filmmaking
- ART 3616C 2D Animation
- PGY 2401C Beginning Photography
- PGY 3410C Intermediate Photography

Mass Communication Electives (select two courses - 6 credit hours)

- ADV 2214 Graphic Programs in Communication
- ADV 4710 Portfolio Building
- JOU 4212 Magazine Design and Production
- MMC 4936 Selected Topics in Mass Communications Studies*
  - Graphics in Visual Communication
  - Visualization of Big Data
  - Visual Analytics

733
• PGY 3610C Photojournalism I
• PUR 4101 Public Relations Design and Production
• VIC 3943 Visual Communication Practicum

*Students must get pre-approval from Kevin Hawley (kevinhawley@usf.edu) for any MMC 4936 topic not listed above that they intend to utilize toward the certificate.

This certificate is offered for degree-seeking students only.
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About the Office of Undergraduate Studies

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

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

Mission, Vision, Values

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

Undergraduate Studies shares these key values with the greater University of South Florida community:

- High-quality education and excellence in teaching and learning
- Diversity of students, faculty, and staff
- Affordable and accessible education
- Community engagement and public service
- Focus and discipline in aligning the budget with institutional priorities
- A campus life with broad academic, cultural, and athletic opportunities
- Success and achievement of its students, faculty, staff, and alumni
- Collegiality, academic freedom, and professional responsibility
- Efficiency and transparent accountability
Bachelor of General Studies (BGS) Admission Requirements
https://www.usf.edu/undergrad/programs/bgs/application.aspx

In order to be admitted into the Bachelor of General Studies (BGS) program, applicants must:

- Have completed 60 or more credits at a regionally accredited college or university.
- Have a break in education of three years or more.
- Complete a screening process conducted by a program advisor.
- Be in good standing with most recent former educational institution.
- Demonstrate ability and desire to complete the degree (personal statement).
- Be a mature, non traditional student/work experience.
- Meet USF general admissions standards for transfer students (2.3 GPA for out of state transfer students).
- Be pursuing first bachelor degrees (BGS is not an option for students seeking a second bachelor degree).

Bachelor of Science in Applied Science (BSAS) Admission Requirements

Students admitted to the BSAS must have a completed A.S. degree from a public Florida community or state college and will have completed a minimum of 18 credit hours of transferable General Education coursework, which should include writing and math courses that meet Gordon Rule requirements.

- A completed Associate of Science (A.S.) degree from a Florida public community or state college.
- At least 18 credit hours of transferrable general education coursework.
- Successful completion of ENC 1101 or equivalent English composition courses.
- Successful completion of at least one college-level math or quantitative reasoning.

**NOTE:** To be admitted students must have a transcript that indicates completion of the A.S. degree. Keiser University AS degrees also accepted (as long as criteria above has been met).

**MAT 1033 is not considered college-level math**

Baccalaureate-Level Degree Programs

Bachelor of General Studies (B.G.S.)

The Bachelor of General Studies is a degree completion program that provides nontraditional students options for completing their educational goals. USF’s Bachelor of General Studies Degree (B.G.S.) is a customized, interdisciplinary degree that allows students to choose an academic program that fits their educational and professional goals.

The following concentrations are available for the B.G.S. degree:

- Aging Sciences
- Architecture (no longer accepting new admits)
- Behavioral Healthcare
- Business
- Computer Systems Technology
- Criminal Justice
Bachelor of Science in Applied Science (B.S.A.S.)

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

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

The following concentrations are available for the B.S.A.S. degree:

- Aging Sciences
- Behavioral Healthcare
- Computer Systems Technology
- Criminal Justice
- Environmental Policy
- Information Architecture: Information Studies
- Public Administration
- Public Health
- Urban Studies

Exploratory Curriculum

The Exploratory Curriculum Major (ECM) allows USF students to register for up to 36 credit hours before they must officially declare a major. During this time they will focus on satisfying the 2019-2020 State and USF General Education requirements, which are needed for any major at USF. These courses are a great way to learn about career fields and academic disciplines that students may not be familiar with yet.

The cornerstone of the Exploratory Curriculum (ECM) program is the customized SLS 2901 course entitled U-Decide, a first-year experience course with a significant major/career exploration component. The goal of the course and the entire ECM program is to equip our students with the ability to make their own decisions regarding their future, both now at USF and far into their future. The economic and career landscape is always changing, and this new generation of students needs to be able to adapt at a much higher rate than previous generations.
PROGRAM REQUIREMENTS

The only program requirement for the Exploratory Curriculum Major (ECM) is the registration and completion of the mandatory SLS 2901 U-Decide course during a students’ first Fall or Spring semester. The course is not offered during any Summer semesters.

PROGRAM ADMISSION INFORMATION

To be admitted to the Exploratory Curriculum Major (ECM), a student should be at or below 36 college credits at the time of orientation. If a student is in AP, IB, Dual Enrollment, AICE or any other college credit accruing program in high school, please reach out to the Exploratory advisor for further options. You can reach the ECM advisor at ECMadvise@usf.edu.

EXPLORATORY CURRICULUM TRACKS

- Math, Engineering & Technology
- Business
- Arts & Humanities
- Health & Natural Sciences
- Global & Social Sciences

ADVISING INFORMATION

College of Undergraduate Studies
Student Services Building (SVC) 2002
(813) 974-2645
ECMadvise@usf.edu

Minors

Aerospace Studies
https://www.usf.edu/undergrad/programs/minors/aerospace-studies.aspx

This program will provide the student an understanding of management and leadership concepts as they relate to military officers.

Leadership Studies

The program has a unique approach to leadership education that combines practical theories and opportunities for students to study the characteristics of authority, leadership, social and role dynamics, political processes and the values that orient their careers.

Military Leadership
https://www.usf.edu/undergrad/programs/minors/military-science.aspx

This minor lays out a leadership framework that allows students to apply leadership concepts learned in the classroom.

Naval Science and Leadership

The minor lays out a framework by which the Navy and Marine Corps conduct routine operations and planning and it also provides a foundation in design theory with a practical application to naval platforms and weapon systems.

Associate of Arts

https://www.usf.edu/undergrad/programs/aa-certificate.aspx

Students must apply for the Associate of Arts (AA) it is not automatically awarded. Students can apply for the AA by going to their OASIS account and clicking the "Student Tab" prior to the application deadline. The deadline to apply for a degree/certificate in each semester is stated in the Academic Calendar in the catalog.

To receive the Associate of Arts at USF, a student must:
• Complete 60 semester hours of university credit; at least 20 of the last 30 semester hours counted, or 36 hours overall, must be completed in residence at the home institution of USF. Physical education and military science credits do not count within the 60 semester hours toward the Associate of Arts.

• Achieve a minimum grade point average of 2.00 based on work attempted at USF. In addition, a transfer student must have a GPA of 2.00 or higher when combined with transfer work accepted and evaluated by the USF Office of Admissions.

• Complete the General Education Requirements.

• Meet the Foreign Language Entrance Requirement (FLENT).

• Fulfill the State Communication and Computation requirements.

Undergraduate Advising Information

Contact Information

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

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

To make a face-to-face appointment with an Academic Advisor:

• If you are an accepted or currently registered student at USF, use escheduler at https://usfweb.usf.edu/escheduler/student.aspx (requires login).

• If you ARE NOT a USF student, use the advisor appointment system at https://usfweb.usf.edu/escheduler/NonStudentlogin.aspx
Workforce projections for the 21st Century indicate that there will be an ongoing need for people with specific skills and abilities to fill Florida's growing number of specialized, scientific, industrial and technological positions. Florida's two-year colleges offer many exceptional programs that meet these demands through their Associate in Science (A.S.) degrees. Although these applied and technical degrees provide excellent preparation for students seeking jobs that require specific knowledge, skill and ability, they have not generally transferred very efficiently into four-year Bachelor's degree programs. The Bachelor of Science in Applied Science (B.S.A.S.) has been developed by USF under certain provisions of Florida legislation to remove constraints from the transfer process, recognize past coursework as transferable credit to the university, and afford exciting new opportunities for those with an A.S. degree from a Florida public institution to pursue and acquire a distinctive USF Bachelor's degree.

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

<table>
<thead>
<tr>
<th>Coursework</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community or State College Technical Credits Transferred from the A.S. Degree</td>
<td>42</td>
</tr>
<tr>
<td>Community or State College General Education Credits Transferred from the A.S. Degree</td>
<td>18</td>
</tr>
<tr>
<td>USF General Education Credits</td>
<td>18</td>
</tr>
<tr>
<td>USF Area of Concentration Credits Required Credits for the Concentration (21 credit hours)</td>
<td>24</td>
</tr>
<tr>
<td>USF EXIT Capstone Course</td>
<td></td>
</tr>
<tr>
<td>USF EXIT Writing Intensive Course</td>
<td>3</td>
</tr>
<tr>
<td>USF Electives Credits*</td>
<td>15</td>
</tr>
<tr>
<td><strong>Total Credit Hours Required for the Degree:</strong></td>
<td>120</td>
</tr>
</tbody>
</table>

*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., B.S.A.S. students will complete:

- A minimum of 42 credit hours of upper-level (3000-4999) courses
- Foreign language requirement (can be satisfied by two years of high school foreign language credit or 8 college credit hours in a single foreign language) Note: ASL 2140C Basic American Sign Language and ASL 2150C Intermediate American Sign Language may be substituted to meet this requirement.

Students may not pursue the Bachelor of Science in Applied Science as a second major, concurrent degree, dual degree, or second or post-baccalaureate degree. Baccalaureate degree holders who wish to pursue further education are encouraged to pursue admission into a graduate degree program of study.
There are no State Mandated Common Prerequisites for this degree program.

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

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

REQUIREMENTS FOR THE MAJOR IN APPLIED SCIENCE

TOTAL MAJOR HOURS: 24-25

MAJOR REQUIREMENTS FOR THE B.S.A.S. DEGREE:

MAJOR CORE (3 HOURS)

USF Capstone EXIT Requirement:

- **IDS 4934** Senior Capstone for B.S.A.S./B.G.S.

Upon acceptance to the B.S.A.S. major, students will complete the necessary coursework to reach 120 credit hours. The 120 credit hour requirement includes completing the following:

- USF Enhanced General Education requirements (based on your assigned catalog year) or approved equivalents - unless General Education credits were completed at another Florida institution.
- All USF exit requirements.
- Foreign Language Requirement.
- One disciplinary concentration selected by the student and approved by the advisor.
- A minimum of 42 semester hours of upper-level work (courses numbered 3000 and above).

GRADING REQUIREMENT

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

RESIDENCY REQUIREMENT

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

FOREIGN LANGUAGE REQUIREMENT

Foreign language requirement (can be satisfied by two years of high school foreign language credit or 8 college credit hours in a single foreign language) Note: ASL 2140C Basic American Sign Language and ASL 2150C Intermediate American Sign Language may be substituted to meet this requirement.

RESEARCH OPPORTUNITIES

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

The following BSAS Areas of Concentration are offered fully or partially online:

- Criminal Justice (fully online)
- Environmental Policy (partially online)
- Information Studies: Information Architecture (fully online)
- Public Administration (fully online)
- Public Health (fully online)
- Urban Studies (partially online)

ADVISING INFORMATION

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

AGING SCIENCES (AASC) CONCENTRATION

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

Gerontology is the study of the process of human aging in all its many aspects: physical, psychological and social. In the School of Aging Studies, particular emphasis is placed upon applied gerontology, with the goal of educating students who in their professional careers will work to sustain or improve the quality of life in older persons.

REQUIREMENTS FOR THE CONCENTRATION IN AGING SCIENCES

TOTAL CONCENTRATION HOURS: 24

CONCENTRATION CORE (12 HOURS)

- GEY 2000 Introduction to Aging Sciences
- GEY 3601 Physical Changes and Aging
- GEY 3625 Sociological Aspects of Aging
- GEY 4612 Psychology of Aging

Concentration Electives (9 hours)

Choose nine (9) credit hours from the following list of courses:

- GEY 3503 Administration of Assisted Living Facilities
- GEY 4101 Aging in Special Populations
- GEY 4102 Aging in Modern Literature and Film
- GEY 4231 Elder Abuse and Neglect
- GEY 4322 Care Management for Older Adults
- GEY 4360 Counseling for Older Adults
- GEY 4608 Alzheimer's Disease Management
- GEY 4628 Health, Ethnicity, and Aging
- GEY 4629 Women and Aging
- GEY 4635 Business Management in an Aging Society
- GEY 4641 Death and Dying
- GEY 4647 Ethical and Legal Issues in Aging
- GEY 4690 Senior Seminar in Aging
Behavioral health problems, including mental illness and substance abuse, are among the greatest public health challenges facing our communities. Students enrolling in the BSAS Behavioral Healthcare concentration will be exposed to treatment approaches as well as to issues related to the organization, financing, delivery, and outcomes of behavioral health services. Combining academic and experiential learning, the concentration provides students with information and practical experience in behavioral healthcare services.

REQUIREMENTS FOR THE CONCENTRATION IN BEHAVIORAL HEALTHCARE

TOTAL CONCENTRATION HOURS: 21

CONCENTRATION CORE (18 HOURS)

Concentration Requirements:

- *MHS 3411* Multidisciplinary Behavioral Healthcare Services
- MHS 4002 Behavioral Health Systems Delivery
- **MHS 4022** Adult Psychopathology in the Community or **MHS 4490** Behavioral Healthcare Issues for Children
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in BHC
- MHS 4723 Professional Seminar in Behavioral Healthcare

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

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

Concentration Electives (3 hours)

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

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

COURSE GRADE REQUIREMENT

- *MHS 3411* should be taken during student's first semester of concentration coursework; a minimum grade of "B" is required.
- MHS 4022 (for students with an interest in working with adults)
- MHS 4490 (for students with an interest in working with children)
## CRIMINAL JUSTICE (ACJ) CONCENTRATION

The Criminal Justice concentration provides students with an exposure to the criminal justice system including law enforcement, detention, the judiciary, corrections, and probation and parole. The objective of the concentration in Criminal Justice is to develop a sound educational basis either for graduate work or for professional training in one or more of the specialized areas comprising the modern urban criminal justice system.

### REQUIREMENTS FOR THE CONCENTRATION IN CRIMINAL JUSTICE

**TOTAL CONCENTRATION HOURS: 24**

**CONCENTRATION CORE (6 HOURS)**

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

**Concentration Electives (15 hours)**

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

## COMPUTER SYSTEMS TECHNOLOGY (ACST) CONCENTRATION

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

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

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

### REQUIREMENTS FOR THE CONCENTRATION IN COMPUTER SYSTEMS TECHNOLOGY

**TOTAL CONCENTRATION HOURS: 24**

**CONCENTRATION CORE (18 HOURS)**

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

**Concentration Electives (3 hours)**

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

- CEN 3722 Human Computer Interfaces for Information Technology
- CEN 4360 Mobile Applications Development for IT
- CGS 3845 Electronic Commerce
- CIS 3213 Foundations of Cyber Security
The above electives may not be offered every semester. Additional electives may be possible. Please consult with the Department of Computer Science and Engineering undergraduate academic advisor.

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

### ENVIRONMENTAL POLICY (AEP) CONCENTRATION

[http://ugs.usf.edu/catalog/?category=majors](http://ugs.usf.edu/catalog/?category=majors)

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

#### REQUIREMENTS FOR THE CONCENTRATION IN ENVIRONMENTAL POLICY

**TOTAL CONCENTRATION HOURS: 25**

**CONCENTRATION CORE (7 HOURS)**

- **EVR 2001** Introduction to Environmental Science
- **EVR 2001L** Environmental Science Lab
- **EVR 2861** Introduction to Environmental Policy

**Concentration Electives (15 hours)**

Choose 9 credit hours from the following:

- **EVR 4027** Wetland Environments
- **EVR 4033** Environmental Regulation
- **EVR 4104** Karst Environments
- **EVR 4114** Climate Change
- **GEO 4502** Economic Geography

Choose 6 credits from the following:

- **EVR 4807** Sustainable Healthy Environments
- **EVR 4930** Selected Topics
- **GEO 4340** Natural Hazards
- **GEO 4372** Global Conservation
- **GEO 4421** Cultural Geography
- **GEO 4471** Political Geography
- **GEO 4604** Topics in Urban Geography
- **GEO 4700** Transportation Geography
- **GIS 4043C** Geographical Information Systems
- **PAD 3003** Introduction to Public Administration
- **PAD 4144** Non-Profit Organizations and Public Policy
- **PAD 4930** Selected Topics in Public Administration and Public Policy
- **POS 3142** Introduction to Urban Politics and Government
- **POS 3182** Florida Politics and Government
- **URP 4052** Urban and Regional Planning
The Information Architecture concentration provides students with the foundational technical knowledge, information design theory, and best practices supporting designing, organizing, classifying, and improving web sites and other online applications, organization intranets, social networking applications and online communities, and software for a variety of organizations. The Information Architect's career opportunities may be in information architecture, project management, design, analysis, usability testing, planning, user interaction design, universal access design, web database design, customer management, and other information related fields.

**REQUIREMENTS FOR THE CONCENTRATION IN INFORMATION STUDIES: INFORMATION ARCHITECTURE**

**TOTAL CONCENTRATION HOURS: 24**

**CONCENTRATION CORE (18 HOURS)**

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

**Concentration Electives (3 hours)**

Choose three credit hours from the following list of courses:

- CEN 3722 Human Computer Interfaces for Information Technology
- CGS 3847 Portal Development and E-Commerce
- CIS 3360 Principles of Information Security
- CIS 3367 Architecting Operating System Security
- CIS 3932 Special Topics for Information Technology
- CIS 4204 Ethical Hacking
- CIS 4253 Ethics for Information Technology
- CIS 4361 Information Technology Security Management for IT
- CIS 4365 Computer Security Policies and Disaster Preparedness
- CIS 4368 Database Security and Audits
- CIS 4412 Resource Management for IT
- CIS 4510 IT Project Management
- CIS 4932 Special Topics for Information Technology
- CIS 4935 Senior Project in Information Technology
- COP 1930 Special Topics for Information Technology
- COP 2930 Special Topics for Information Technology
- COP 2931 Special Topics for Information Technology
- COP 3931 Special Topics for Information Technology
- COP 4814 Web Services
- COP 4816 XML Applications
- COP 4834 Data-Driven Web Sites
- COP 4931 Special Topics for Information Technology
- ETG 3931 Special Topics in Information Technology
- ETG 3933 Selected Topics in Technology
- ETG 3934 Selected Topics in Technology II
- ETG 4930 Special Topics in Information Technology
- LIS XXXX Approved Information Science elective
Upon completion of the Public Health concentration coursework, a student will be able to articulate the role of public health in disease prevention and health promotion at the local, state, national and global level, describe public health concepts and issues, discuss and analyze current public health issues, describe career paths in public health, and develop an understanding of public health that can serve as a foundation for graduate coursework in the field.

**REQUIREMENTS FOR THE CONCENTRATION IN PUBLIC HEALTH**

**TOTAL CONCENTRATION HOURS: 24**

**CONCENTRATION CORE (9 HOURS)**

- HSC 4551 Survey of Human Diseases
- PHC 4030 Introduction to Epidemiology
- PHC 4101 Overview of Public Health Programs and Policies

Concentration Electives (12 hours)

Choose 12 credit hours from the following list of courses:

- HSC 4172 Women's Health: A Public Health Perspective
- HSC 4211 Health, Behavior and Society
- HSC 4430 Occupational Health and Safety
- HSC 4504 Foundations of Public Health Immunology
- HSC 4573 Foundations of Food Safety
- HSC 4579 Foundations of Maternal and Child Health
- HSC 4624 Foundations of Global Health
- HSC 4630 Understanding U.S. Health Care
- HSC 4631 Critical Issues in Public Health
- HSC 4933 Special Topics in Public Health
- HUN 3126 Food and Culture
- HUN 3272 Sports Nutrition
- HUN 3296 Nutrition and Disease
- PHC 4031 Emerging Infectious Diseases
- PHC 4032 Foundations of Infection Control
- PHC 4069 Biostatistics in Society
- PHC 4720 Foundation to Professional Writing in Public Health

The Public Administration concentration courses will benefit those students preparing for a career in local, state, or federal agencies of government, non-profit organizations, and special service districts and/or graduate work in public administration and related fields.

**REQUIREMENTS FOR THE CONCENTRATION IN PUBLIC ADMINISTRATION**

**TOTAL CONCENTRATION HOURS: 24**

**CONCENTRATION CORE (15 HOURS)**

- PAD 3003 Introduction to Public Administration
- PAD 4144 Nonprofit Organizations and Public Policy
- PAD 4204 Public Financial Administration
- PAD 4415 Personnel and Supervision in Today's Diverse Organizations
- PAD 4712 Managing Information Resources in the Public Sector
Concentration Electives (6 hours)

Choose six credit hours from the following list of courses:

- **PAD 4930** Selected Topics in Public Administration and Public Policy
- **POS 3182** Florida Politics and Government
- **PUP 4002** Public Policy
- **URP 4050** City Planning and Community Development
- **URS 3002** Introduction to Urban Studies

**URBAN STUDIES (AUR) CONCENTRATION**

The Urban Studies concentration offers students the opportunity to supplement their education and training with a focus on the problems and potential of the urban world around us. Understanding the economic, social, cultural, political and spatial phenomena of urban areas, and how they came to be, is essential if one is to thrive in today's world.

**REQUIREMENTS FOR THE CONCENTRATION IN URBAN STUDIES**

**TOTAL CONCENTRATION HOURS: 24**

**CONCENTRATION CORE (6 HOURS)**

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

**Concentration Electives (15 hours)**

Choose 6 credit hours from the following:

- **URP 4050** City Planning and Community Development
- **URP 4052** Urban and Regional Planning
- URP XXXX An approved URP course or URS XXXX An approved URS course

Choose 9 credit hours from the following:

- **AMH 3500** American Labor History
- **AMS 3700** Racism in American Society
- **ARC 4784** The City
- **CCJ 3014** Crime and Justice in America
- **EVR 2861** Introduction to Environmental Policy
- **GIS 3006** Mapping Geovisualization
- **IDS 4942** Community Internship
- **PAD 4144** Nonprofit Organizations and Public Policy
- **PAD 4204** Public Financial Administration
- **PAD 4930** Selected Topics in Public Administration and Public Policy
- **PAD 5035** Issues in Public Administration and Public Policy
- **PAD 5807** Urban and Local Government Administration or **POS 3142** Introduction to Urban Politics and Government
- **POS 3182** Florida Politics and Government
- **SOW 3210** American Social Welfare System
- **SPC 3710** Communication and Cultural Diversity
- **SYD 4410** Urban Sociology
- **TTE 4003** Transportation and Society
This track is designed for students interested in learning more about Communication-based careers such as Advertising, PR, Journalism, and Social Media. Students interested in learning how to use an English major to achieve high paying jobs will benefit from this track, as well as, those interested in a global career such as World Languages and Cultures, Art History, or Studio Art. Students wanting to learn more about the accelerated master’s program in architecture can use this track as a foundation for the accelerated master. Finally, this track is recommended for those awaiting entry into an Art major based on an audition in Music or Dance.

**STATE MANDATED COMMON COURSE PREREQUISITES**

There are no specified common prerequisites for this major. All Florida College System students are encouraged to complete the Associate of Arts degree. Students should consult with an academic advisor in their major degree area at the intended transfer institution.

**REQUIREMENTS FOR THE MAJOR IN EXPLORATORY CURRICULUM: ARTS & HUMANITIES**

**REQUIRED SUPPORTING COURSES FOR THE MAJOR: 0 HOURS**

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- **SLS 2901** Academic Foundations U-Decide

**MAJOR REQUIREMENTS FOR THE B.A. DEGREE:**

**MAJOR CORE**

Disclaimer: The Exploratory program is not a major from which you can graduate. During the program, a student will focus on satisfying the Enhanced General Education (Gen Ed.) requirements, which are needed for any major at USF. These courses are a great way to learn about career fields and academic disciplines that you may not be familiar with yet while staying on path for a timely graduation.

In addition, Exploratory Curriculum (ECM) students are required to complete **SLS 2901**, a first-year experience course with a significant major/career exploration component.

The following courses are suggested for this ECM track.

- **SLS 2901** Academic Foundations U-Decide
- **ENC 1101** Composition 1
- **SYG 2000** Sociology
- **MAC 1105** for Architecture
- **LIT 2000** Literature
- **ART 2201C** Art Concepts and Practices or **DAN 2100** Dance Experience
- **REL 2300** World Religions
- **ARH 2050** History of Visual Arts 1
- **MMC 3602** Mass Communications and Society

**MAJOR ELECTIVES**

- **MGF 1106** Finite Math
- **MGF 1107** Math for Liberal Arts
- **AST 2002** Astronomy
RESEARCH OPPORTUNITIES

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

ACCREDITATION INFORMATION

The University of South Florida (USF) is accredited by the Southern Association of Colleges and Schools’ Commission on Colleges.

ADVISORY INFORMATION

Shane Combs at 813-974-2645 or ECMadvise@usf.edu
http://usf.edu/ECM

B.S. - EXPLORATORY CURRICULUM: BUSINESS (ECB)

(CIP = 24.0102)
TOTAL DEGREE HOURS: 36

This track is designed for students who need help deciding their exact role in a large business world. Do you want to work for Amazon or start your own company? Do you want to work with technology or with people? Do you want to produce creative ads on TV or make sustainable products for the environment? Do you want to work across the country or across the world? The USF Muma College of Business includes 9 majors and 9 sub-concentrations.

STATE MANDATED COMMON COURSE PREREQUISITES

There are no specified common prerequisites for this major. All Florida College System students are encouraged to complete the Associate of Arts degree. Students should consult with an academic advisor in their major degree area at the intended transfer institution.

REQUIREMENTS FOR THE MAJOR IN EXPLORATORY CURRICULUM: BUSINESS

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 0 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- SLS 2901 Academic Foundations U-Decide

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE

Disclaimer: The Exploratory program is not a major from which you can graduate. During the program, a student will focus on satisfying the Enhanced General Education (Gen Ed.) requirements, which are needed for any major at USF. These courses are a great way to learn about career fields and academic disciplines that you may not be familiar with yet while staying on path for a timely graduation. In addition, Exploratory Curriculum (ECM) students are required to complete SLS 2901, a first-year experience course with a significant major/career exploration component. The following courses are suggested for this ECM track.

- SLS 2901 Academic Foundations U-Decide
- MAC 1105 College Algebra
- SPC 2608 Public Speaking
- ECO 2013 Microeconomics
- MAC 2233 Business Calculus

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MAJOR ELECTIVES

- ENC 1101 Composition 1
- ENC 1102 Composition 2
- BSC 1005 Biology for non-majors
- PHI 2010 Philosophy
- REL 2300 World Religions

RESEARCH OPPORTUNITIES

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

ACCREDITATION INFORMATION

The University of South Florida (USF) is accredited by the Southern Association of Colleges and Schools' Commission on Colleges.

ADVISING INFORMATION

Shane Combs at 813-974-2645 or ECMadvise@usf.edu
http://usf.edu/ECM

B.S. - EXPLORATORY CURRICULUM: GLOBAL & SOCIAL SCIENCES (EGS)

(CIP = 24.0102)
TOTAL DEGREE HOURS: 36

This track is designed for students who are interested in theories and human interactions. This track is also designed for students who want a career based on helping others or who want to tackle modern social justice issues. This track includes a variety of majors such as Psychology, Political Science, Criminology, International Studies, Social Work, and Women's Studies.

STATE MANDATED COMMON COURSE PREREQUISITES

There are no specified common prerequisites for this major. All Florida College System students are encouraged to complete the Associate of Arts degree. Students should consult with an academic advisor in their major degree area at the intended transfer institution.

REQUIREMENTS FOR THE MAJOR IN EXPLORATORY CURRICULUM: GLOBAL & SOCIAL SCIENCES

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 0 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student's final semester.

- SLS 2901 Academic Foundations U-Decide
MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE

Disclaimer: The Exploratory program is not a major from which you can graduate. During the program, a student will focus on satisfying the Enhanced General Education (Gen Ed.) requirements, which are needed for any major at USF. These courses are a great way to learn about career fields and academic disciplines that you may not be familiar with yet while staying on path for a timely graduation. In addition, Exploratory Curriculum (ECM) students are required to complete SLS 2901, a first-year experience course with a significant major/career exploration component. The following courses are suggested for this ECM track.

- SLS 2901 Academic Foundations U- Decide
- PSY 2012 Psychology
- PHI 1600 Ethics
- STA 2023 Statistics
- GEY 2000 Aging Sciences
- EDF 3514 History of Education in the U.S.
- WST 3015 Intro to Women's Studies
- EDF 3514 History of Education in the U.S.
- ENC 1101 Composition 1
- CCJ 3014 Crime and Justice in America

MAJOR ELECTIVES

- BSC 1005 Biology for non-majors
- PHI 2010 Philosophy
- MGF 1107 Math for Liberal Arts

RESEARCH OPPORTUNITIES

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

ACCREDITATION INFORMATION

The University of South Florida (USF) is accredited by the Southern Association of Colleges and Schools' Commission on Colleges.

ADVISING INFORMATION

Shane Combs at 813-974-2845 or ECMadvise@usf.edu
http://usf.edu/ECM
This track is designed for students exploring various medical careers. Maybe you know the type of medicine you want to practice, but not which specific health major to choose. Maybe you know you are great at Biology or Chemistry in high school, but not sure what branch of medicine is associated with these academic disciplines. The other type of student this track is designed for is those exploring various research careers such as Environmental Science, Geology, Communication Science and Disorders, or Public Health.

### STATE MANDATED COMMON COURSE PREREQUISITES

There are no specified common prerequisites for this major. All Florida College System students are encouraged to complete the Associate of Arts degree. Students should consult with an academic advisor in their major degree area at the intended transfer institution.

### REQUIREMENTS FOR THE MAJOR IN EXPLORATORY CURRICULUM: HEALTH & NATURAL SCIENCES

#### REQUIRED SUPPORTING COURSES FOR THE MAJOR: 0 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student's final semester.

- SLS 2901 Academic Foundations U-Decide

### MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

#### MAJOR CORE

**Disclaimer:** The Exploratory program is not a major from which you can graduate. During the program, a student will focus on satisfying the Enhanced General Education (Gen Ed.) requirements, which are needed for any major at USF. These courses are a great way to learn about career fields and academic disciplines that you may not be familiar with yet, while staying on path for a timely graduation. In addition, Exploratory Curriculum (ECM) students are required to complete SLS 2901, a first-year experience course with a significant major/career exploration component. The following courses are suggested for this ECM track.

- SLS 2901 Academic Foundations U-Decide
- MAC 1105 College Algebra
- BSC 2010 Cellular Process and BSC 2010L or CHM 2045 Chemistry and CHM 2045L
- STA 2023 Statistics
- BSC 2085 Anatomy and BSC 2085L
- PHI 1600 Ethics
- HSC 2100 Health Science or GEY 2000 Aging Sciences

### MAJOR ELECTIVES

- EVR 2001 Environmental Science
- HUM 1020 Humanities
- REL 2300 World Religions
RESEARCH OPPORTUNITIES

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

ACCREDITATION INFORMATION

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ADVISING INFORMATION

Shane Combs at 813-974-2645 or ECMadvise@usf.edu
http://usf.edu/ECM

B.S. - EXPLORATORY CURRICULUM: MATH, ENGINEERING & TECHNOLOGY (EMT)

(CIP = 24.0102)
TOTAL DEGREE HOURS: 36

This track is designed for students who are exploring the 11 different Engineering majors at USF. For students who know they want to work with technology, but are not sure if that means app development, business intelligence, cybersecurity, website design, or search engine optimization, this track provides the foundation. This track is perfect for those who do not meet the College of Engineering entry requirements. A student in the EMT track can complete the entry requirements and stay on track for graduation by satisfying the general education requirements.

STATE MANDATED COMMON COURSE PREREQUISITES

There are no specified common prerequisites for this major. All Florida College System students are encouraged to complete the Associate of Arts degree. Students should consult with an academic advisor in their major degree area at the intended transfer institution.

REQUIREMENTS FOR THE MAJOR IN EXPLORATORY CURRICULUM: MATH, ENGINEERING & TECHNOLOGY

REQUIRED SUPPORTING COURSES FOR THE MAJOR: 0 HOURS

The following courses are prerequisite and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student’s final semester.

- SLS 2901 Academic Foundations U-Decide

MAJOR REQUIREMENTS FOR THE B.S. DEGREE:

MAJOR CORE

Disclaimer: The Exploratory program is not a major from which you can graduate. During the program, a student will focus on satisfying the Enhanced General Education (Gen Ed.) requirements, which are needed for any major at USF. These courses are a great way to learn about career fields and academic disciplines that you may not be familiar with yet, while staying on path for a timely graduation. In addition, Exploratory Curriculum (ECM) students are required to complete SLS 2901, a first-year experience course with a significant major/career exploration component. The following courses are suggested for this ECM track.

- SLS 2901 Academic Foundations U-Decide
UNDERGRADUATE STUDIES

MAJOR ELECTIVES

- MAC 1147 Pre-Calculus or MAC 2311 Calculus 1
- CHM 2045 Chemistry and CHM 2045L
- MAC 2312 Calculus 2
- PHY 2048 Calculus based Physics and PHY 2048L
- LIS 2005 Information Literacy

RESEARCH OPPORTUNITIES

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

ACCREDITATION INFORMATION

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ADVISING INFORMATION

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B.G.S. - GENERAL STUDIES (BGS)

(CIP = 24.0102)
TOTAL DEGREE HOURS: 120

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

B.G.S. students will take an active role in creating their academic plans. Rather than choosing a traditional major, B.G.S. students can choose from a number of established plans of study or can create their own individualized plan of study. BGS students complete 24-27 credits (core courses and electives) within a selected concentration in addition to their other degree requirements. Due to the nature of degree completion programs, please note the following admissions requirements: a gap in education of 3 or more years, at least 60 credits earned at a regionally accredited college or university, good academic standing and extensive work experience. In addition to these requirements, all applicants must meet USF’s general admissions standards for transfer students. Students pursuing a Bachelor of General Studies degree are restricted from declaring a minor, due to USF’s degree progression policy.

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

Students desiring to transfer to USF should complete an A.A. degree at a Florida College System institution. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the University’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for this program. All Florida College System students are encouraged to complete the Associate degree. Students should consult with an academic advisor in their major degree area at the intended transfer institution.

REQUIREMENTS FOR THE MAJOR IN GENERAL STUDIES

TOTAL MAJOR HOURS: 24-27

MAJOR REQUIREMENTS FOR THE B.G.S. DEGREE:

MAJOR CORE (3 HOURS)

USF Capstone EXIT Requirement:

- IDS 4934 Senior Capstone for B.S.A.S./B.G.S.

Upon acceptance to the B.G.S. major, students will complete the necessary coursework to reach 120 credit hours. The 120 credit hour requirement includes completing the following:

- USF Enhanced General Education requirements (based on your assigned catalog year) or approved equivalents - unless General Education credits were completed at another Florida institution.
- All USF exit requirements.
- Foreign Language Requirement.
- One or two disciplinary concentrations selected by the student and approved by the advisor.
- A minimum of 42 semester hours of upper-level work (courses numbered 3000 and above).

GRADING REQUIREMENT

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

RESIDENCY REQUIREMENT

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

FOREIGN LANGUAGE REQUIREMENT

Foreign language requirement can be satisfied by two years of high school foreign language credit or 8 college credit hours in a single foreign language. Note: ASL 2140C Basic American Sign Language and ASL 2150C Intermediate American Sign Language may be substituted to meet this requirement.

RESEARCH OPPORTUNITIES

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

OTHER INFORMATION

The following B.G.S. Areas of Concentration are offered fully or partially online:

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

Consult advisor for availability of online course offerings.

**ADVISING INFORMATION**

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

**ARCHITECTURE (GAR) CONCENTRATION**

This concentration is **not accepting new admits**, as it is reserved for redirected graduate students from the USF Tampa Master of Architecture degree program on a case-by-case basis. Students are subject to BGS admission requirements, therefore admission to the program is not a guarantee.

**REQUIREMENTS FOR THE CONCENTRATION IN ARCHITECTURE**

**CONCENTRATION CORE**

- ARC 2211 Introduction to Architecture
- ARC 2131C Introduction to Architectural Design and Graphics
- ARC 2135C Introduction to Architectural Design and Graphics II
- ARC 2931 Selected Topics: Introduction to Digital Architecture
- ARC 2112L Architectural Freehand Drawing Methods OR Other Creative Arts course, as approved by the Architecture advisor
- MAC 2233 Business Calculus or MAC 2311 Calculus I OR MAC 2281 Engineering Calculus I
- ARC 4931 Selected Topics in Architecture and Community Design: Physics for Architects OR PHY 2020 Conceptual Physics
- ARC 4784 The City

**COURSE GRADE REQUIREMENT**

All courses must be completed with a grade of C- or higher)

**AGING SCIENCES (GASC) CONCENTRATION**

Gerontology is the study of the process of human aging in all its many aspects: physical, psychological and social. In the School of Aging Studies, particular emphasis is placed upon applied gerontology, with the goal of educating students who in their professional careers will work to sustain or improve the quality of life in older persons.

**REQUIREMENTS FOR THE CONCENTRATION IN AGING SCIENCES**

**TOTAL CONCENTRATION HOURS: 24**

**CONCENTRATION CORE (12 HOURS)**

- GEY 2000 Introduction to Aging Sciences
- GEY 3601 Physical Changes and Aging
- GEY 3625 Sociological Aspects of Aging
- GEY 4612 Psychology of Aging
Concentration Electives (9 hours)
Choose nine credit hours from the following list of courses:

- GEY 3503 Administrative of Assisted Living Facilities
- GEY 4101 Aging in Special Populations
- GEY 4102 Aging in Modern Literature and Film
- GEY 4231 Elder Abuse and Neglect
- GEY 4322 Care Management for Older Adults
- GEY 4360 Counseling for Older Adults
- GEY 4608 Alzheimer’s Disease Management
- GEY 4628 Health, Ethnicity, and Aging
- GEY 4629 Women and Aging
- GEY 4635 Business Management in an Aging Society
- GEY 4641 Death and Dying
- GEY 4647 Ethical and Legal Issues in Aging
- GEY 4690 Senior Seminar in Aging

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

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

REQUIREMENTS FOR THE CONCENTRATION IN BEHAVIORAL HEALTHCARE

TOTAL CONCENTRATION HOURS: 24

CONCENTRATION CORE (18 HOURS)

- MHS 3411 Multidisciplinary Behavioral Healthcare Services
- MHS 4002 Behavioral Health Systems Delivery
- MHS 4022 Adult Psychopathology in the Community or MHS 4490 Behavioral Healthcare Issues for Children
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment
- MHS 4703 Legal, Ethical and Professional Issues in BHC
- MHS 4723 Professional Seminar in Behavioral Healthcare

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

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

Concentration Electives (3 hours)
Choose three (3) credit hours from the following list of courses:

- MHS 3204 Fundamentals of Applied Behavior Analysis or CLP 4414 Behavior Modification
- MHS 4023 Recovery-Oriented Mental Health Services
- MHS 4074 Child Development andTrauma
- MHS 4203 Practical Skills-Children's Behavioral Healthcare
- MHS 4425 Field Experience in Behavioral Healthcare
- MHS 4434 Behavioral Health and the Family
- MHS 4452 Co-Occurring Disorders
- MHS 4463 Suicide Issues in Behavioral Health
- MHS 4731 Writing for Research and Publication in Behavioral and Community Sciences
- MHS 4741 Applied Research Methods
- MHS 4931 Selected Topics
COURSE GRADE REQUIREMENT

- MHS 3411 should be taken during student's first semester of concentration coursework; a minimum grade of "B-" is required.
- MHS 4022 is for students with an interest in working with adults
- MHS 4490 is for students interested in working with children

BUSINESS (GBU) CONCENTRATION

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

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

REQUIREMENTS FOR THE CONCENTRATION IN BUSINESS

TOTAL CONCENTRATION HOURS: 27

CONCENTRATION CORE (24 HOURS)

- ACG 2021 Principles of Financial Accounting
- ACG 2071 Principles of Managerial Accounting
- ECO 2013 Economic Principles (Macroeconomics)
- ECO 2023 Economic Principles (Microeconomics)
- FIN 3403 Principles of Finance
- GEB 4890 Strategic Management and Decision Making
- MAN 3025 Principles of Management
- MAR 3023 Basic Marketing

CRIMINAL JUSTICE (GCJ) CONCENTRATION

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

The Criminal Justice concentration provides students with an exposure to the criminal justice system including law enforcement, detention, the judiciary, corrections, and probation and parole. The objective of the concentration in Criminal Justice is to develop a sound educational basis either for graduate work or for professional training in one or more of the specialized areas comprising the modern urban criminal justice system.

REQUIREMENTS FOR THE CONCENTRATION IN CRIMINAL JUSTICE

TOTAL CONCENTRATION HOURS: 24

CONCENTRATION CORE (6 HOURS)

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

Concentration Electives (15 hours)

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

COMPUTER SYSTEMS TECHNOLOGY (GCST) CONCENTRATION

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

The Computer Systems Technology concentration is designed to teach students the fundamentals of computer systems and their application. Emphasis is placed on computer technology, as well as programming and applications, in an era of rapidly changing computer technology. Entrance requirement for concentration: Students must have prior experience and/or coursework in Information Technology, Computer Science, or a closely related field.
Students must take CGS 1540 Introduction to Databases for Information Technology and COP 2512 Programming Fundamentals for Information Technology in their first semester in the concentration, if the courses were not taken prior to transferring to USF. Students must receive a minimum grade of C- in both courses to progress in the Computer Systems Technology concentration. If a student does not receive, enroll, and/or meet the minimum grade requirements for CGS 1540 and COP 2512, he/she will be required to choose another BGS concentration.

REQUIREMENTS FOR THE CONCENTRATION IN COMPUTER SYSTEMS TECHNOLOGY

TOTAL CONCENTRATION HOURS: 24

CONCENTRATION CORE (18 HOURS)

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

Concentration Electives (3 hours)

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

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

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

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

EDUCATIONAL FOUNDATIONS (GEF) CONCENTRATION

(CIP = 24.0102)

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

Students who enroll in Educational Foundations will explore the impact society has had on learning and education. Coursework provides opportunities for students to study the learning process including assessment, perspectives of diverse learners, the organization of schooling, and its links to broader political and historical contexts, the potential of educational systems to bring about social change. The Educational Foundations concentration can be a valuable program addition for students pursuing careers in social and behavioral sciences, law, and youth services among many other career fields. The concentration is appropriate for non-teacher education majors who want to enhance their understanding of educational institutions and the learning process and for those who intend to apply to graduate school in an education program.
TOTAL CONCENTRATION HOURS: 24

CONCENTRATION CORE (15 HOURS)

- **EEX 4742** Narrative Perspectives on Exceptionality: Cultural and Ethical Issues or **EEX 4070** Integrating Exceptional Students into the Regular Classroom
- **EDF 4490** Studies in Research Design or **EDF 4430** Measurement for Teachers or any measurement course for teachers
- **EDF 3122** Learning and the Developing Child or **EDF 3214** Human Development and Learning or **EDF 4124** Child Growth and Learning
- Any pre-approved ESOL course offered by USF
- **EDF 3604** Schools in Society

Concentration Electives (6 hours)

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

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

ENVIRONMENTAL POLICY (GEM) CONCENTRATION

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

TOTAL CONCENTRATION HOURS: 25

CONCENTRATION CORE (7 HOURS)

- **EVR 2001** Introduction to Environmental Science
- **EVR 2001L** Environmental Science Lab
- **EVR 2861** Introduction to Environmental Policy

Concentration Electives (15 hours)

Choose 9 credits from the following:

- **EVR 4027** Wetland Environments
- **EVR 4033** Environmental Regulation
- **EVR 4104** Karst Environments
- **EVR 4114** Climate Change
- **GEO 4502** Economic Geography

Choose 6 credits from the following:

- **EVR 4807** Sustainable Healthy Environments
- **EVR 4930** Selected Topics
- **GEO 4340** Natural Hazards
- **GEO 4372** Global Conservation
- **GEO 4421** Cultural Geography
- **GEO 4471** Political Geography
- **GEO 4604** Topics in Urban Geography
- **GEO 4700** Transportation Geography
- **GIS 4043C** Geographical Information Systems
The Information Architecture concentration provides students with the foundational technical knowledge, information design theory, and best practices supporting designing, organizing, classifying, and improving web sites and other online applications, organization intranets, social networking applications and online communities, and software for a variety of organizations. The Information Architect’s career opportunities may be in information architecture, project management, design, analysis, usability testing, planning, user interaction design, universal access design, web database design, customer management, and other information related fields.

**REQUIREMENTS FOR THE CONCENTRATION IN INFORMATION STUDIES: INFORMATION ARCHITECTURE**

**TOTAL CONCENTRATION HOURS: 24**

**CONCENTRATION CORE (18 HOURS)**

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

**Concentration Electives (3 hours)**

Choose three credit hours from the following list of courses:

- CDA 3101 Computer Organization for Information Technology
- CEN 3722 Human Computer Interfaces for Information Technology
- CEN 4031 Software Engineering Concepts for Information Technology
- CGS 3303 IT Concepts
- CGS 3845 Electronic Commerce
- CGS 3847 Portal Development and E-Commerce
- CGS 3850 Web Development: JavaScript & jQuery
- CGS 3853 IT Web Design for IT
- CGS 4855 Intermediate Web Development (jQuery)
- CIS 3360 Principles of Information Security
- CIS 3362 Cryptography and Information Security
- CIS 3367 Architecting Operating System Security
- CIS 3932 Special Topics for Information Technology
- CIS 4204 Ethical Hacking
- CIS 4253 Ethics for Information Technology
- CIS 4361 Information Technology Security Management for IT
- CIS 4365 Computer Security Policies and Disaster Preparedness
- CIS 4368 Database Security and Audits
- CIS 4412 Resource Management for IT
- CIS 4510 IT Project Management
- CIS 4932 Special Topics for Information Technology
- CIS 4935 Senior Project in Information Technology
- COP 1930 Special Topics for Information Technology
PUBLIC ADMINISTRATION (GPA) CONCENTRATION

The Public Administration concentration courses will benefit those students preparing for a career in local, state, or federal agencies of government, non-profit organizations, and special service districts and/or graduate work in public administration and related fields.

REQUIREMENTS FOR THE CONCENTRATION IN PUBLIC ADMINISTRATION

TOTAL CONCENTRATION HOURS: 24

CONCENTRATION CORE (15 HOURS)

- PAD 3003 Introduction to Public Administration
- PAD 4144 Nonprofit Organizations and Public Policy
- PAD 4204 Public Financial Administration
- PAD 4415 Personnel & Supervision in Today's Diverse Organizations
- PAD 4712 Managing Information Resources in the Public Sector

Concentration Electives (6 hours)

Choose six credit hours from the following list of courses:

- PAD 4930 Selected Topics in Public Administration and Public Policy
- POS 3182 Florida Politics and Government
- PUB 4002 Public Policy
- URP 4050 City Planning and Community Development
- URS 3002 Introduction to Urban Studies

PUBLIC HEALTH (GPU) CONCENTRATION

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

TOTAL CONCENTRATION HOURS: 24

CONCENTRATION CORE (9 HOURS)

- HSC 4551 Survey of Human Diseases
- PHC 4030 Introduction to Epidemiology
- PHC 4101 Overview of Public Health Programs and Policies

Concentration Electives (12 hours)

Choose 12 credit hours from the following list of courses:

- HSC 4172 Women's Health: A Public Health Perspective
- HSC 4211 Health, Behavior and Society
- HSC 4430 Occupational Health and Safety
- HSC 4504 Foundations of Public Health Immunology
- HSC 4573 Foundations of Food Safety
- HSC 4579 Foundations of Maternal and Child Health
- HSC 4624 Foundations of Global Health
- HSC 4630 Understanding U.S. Health Care
- HSC 4631 Critical Issues in Public Health
- HSC 4933 Special Topics in Public Health
- HUN 3126 Food and Culture
- HUN 3272 Sports Nutrition
- HUN 3296 Nutrition and Disease
- PHC 4031 Emerging Infectious Diseases
- PHC 4032 Foundations of Infection Control
- PHC 4069 Biostatistics in Society
- PHC 4720 Foundation to Professional Writing in Public Health

URBAN STUDIES (GUS) CONCENTRATION

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

The Urban Studies concentration offers students the opportunity to supplement their education and training with a focus on the problems and potential of the urban world around us. Understanding the economic, social, cultural, political and spatial phenomena of urban areas, and how they came to be, is essential if one is to thrive in today's world.

REQUIREMENTS FOR THE CONCENTRATION IN URBAN STUDIES

TOTAL CONCENTRATION HOURS: 24

CONCENTRATION CORE (6 HOURS)

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

Concentration Electives (15 hours)

Choose 6 credits from the following:

- URP 4050 City Planning and Community Development
- URP 4052 Urban and Regional Planning
- URP XXXX Approved course or URS XXXX Approved course

Choose 9 credits from the following:

- AMH 3500 American Labor History
- AMS 3700 Racism in American Society
- ARC 4784 The City
UNDERGRADUATE STUDIES

WOMEN'S AND GENDER STUDIES (GWS) CONCENTRATION

http://www.usf.edu/undergrad/programs/bgs/overview.aspx

REQUIREMENTS FOR THE CONCENTRATION IN WOMEN'S AND GENDER STUDIES

TOTAL CONCENTRATION HOURS: 24

CONCENTRATION CORE (6 HOURS)

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

- WST 3015 Introduction to Women's Studies
- Any WST Theory course (4000 level)

Concentration Electives (15 hours)

- COM 4030 Women and Communication
- SYD 4800 Gender and Society
- WST 2600 Human Sexual Behavior
- WST 3324 Women, Environment, and Gender
- WST 3370 Women and Social Action
- WST 4002 Feminist Research Methods
- WST 4262 Literature by Women of Color in the Diaspora
- WST 4310 History of Feminism in the US
- WST 4320 Politics and Issues in Women's Health
- WST 4522 Classics in Feminist Theory
- WST 4561 Contemporary Feminist Theory
- WST 4930 Selected Topics
- WST 3006 Careers and Professionalism in WGS
- WST 3394 Queer Film & Television
- WST 3380 Sexualities Studies
- WST 3602 Introduction to LGBTQ Cultures
- WST 4336 Feminist Theories of Media & Popular Culture
- WST 4645 Queer Theory
MINOR IN AEROSPACE STUDIES (AEO)

TOTAL MINOR HOURS: 16

http://www.usf.edu/undergrad/programs/minors/aerospace-studies.aspx

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

REQUIREMENTS FOR THE MINOR IN AEROSPACE STUDIES

MINOR CORE (12 HOURS)

- AFR 3220 Air Force Leadership and Management I
- AFR 3231 Air Force Leadership and Management II
- AFR 4201 National Security Affairs and Preparation for Active Duty I
- AFR 4211 National Security Affairs and Preparation for Active Duty II

MINOR ELECTIVES (4 HOURS)

- AFR 1101 Foundation of the United States Air Force Part I
- AFR 1120 Foundation of the United States Air Force Part II
- AFR 2130 The Evolution of USAF Aerospace Power Part I
- AFR 2140 The Evolution of USAF Aerospace Power Part II

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

GPA REQUIREMENTS

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

GRADING REQUIREMENT

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

RESIDENCY REQUIREMENT

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

ADVISING INFORMATION

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

MINOR IN LEADERSHIP STUDIES (LDS)

TOTAL MINOR HOURS: 12

http://ugs.usf.edu/catalog/?category=minors&display=detail&min=LDS&code=7a146f49be4ab2f46a768c57ccf11f1d

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

MINOR CORE (12 HOURS)

- LDR 2010 Fundamentals of Leadership
- LDR 4204 Ethics and Power in Leadership
- LDR 4230 Global Leadership
- LDR 4951 Leadership Capstone Seminar (to be taken as last course required for the Minor)

GPA REQUIREMENTS

The minimum GPA required for the minor is 2.0.

GRADING REQUIREMENT

A minimum grade of “C” (not C-) or better in each course is required.

RESIDENCY REQUIREMENT

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

OTHER INFORMATION

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

ADVISING INFORMATION

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

MINOR IN MILITARY LEADERSHIP (MTY)

TOTAL MINOR HOURS: 18

http://www.usf.edu/undergrad/programs/minors/military-science.aspx

The Military Leadership minor is coordinated through the Department of Military Science and is designed to provide the student with an in-depth understanding of Army leadership doctrine and the fundamental principles by which Army leaders act to accomplish their mission. This minor lays out a leadership framework that allows students to apply leadership concepts learned in the classroom. Additional emphasis is placed on character development, physical and mental fitness and military small unit operations.

REQUIREMENTS FOR THE MINOR IN MILITARY LEADERSHIP

MINOR CORE (14 HOURS)

- MSL 3201C Adaptive Team Leadership
- MSL 3202C Leadership in Changing Environments
- MSL 4301C Developing Adaptive Leaders
- MSL 4302C Leadership in a Complex World
- MSL 2900* Army Physical Readiness

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

MINOR ELECTIVES (4 HOURS)

Choose four credit hours from the following list of courses:

- MSL 1001C Leadership and Personal Development
- MSL 1002C Introduction to Tactical Leadership
- MSL 2101C Innovative Team Leadership
UNDERGRADUATE STUDIES

UNDERGRADUATE STUDIES
UNIVERSITY OF SOUTH FLORIDA 2019-20 UNDERGRADUATE CATALOG

- MSL 2102C Foundations of Tactical Leadership
- MSL 2901 Basic Leader Training
- MSL 4930 Advanced Directed Study and Research
- AFR 1101 The Foundation of the United States Air Force Part 1
- AFR 1120 The Foundations of the United States Air Force Part 2
- AFR 2130 Evolution of USAF Air and Space Power, Part 1
- AFR 2140 Evolution of USAF Air and Space Power, Part 2
- AFR 3220 Air Force Leadership and Management I
- AFR 3231 Air Force Leadership and Management II
- AFR 4201 National Security Affairs & Preparation for Active Duty I
- AFR 4211 National Security Affairs & Preparation for Active Duty II

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

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

RESIDENCY REQUIREMENT
A minimum of 14 of the 18 hours must be earned at USF.

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

MINOR IN NAVAL SCIENCE AND LEADERSHIP (NSL)
TOTAL MINOR HOURS: 18

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

REQUIREMENTS FOR THE MINOR IN NAVAL SCIENCE AND LEADERSHIP

MINOR CORE (12 HOURS)
- NSC 1110 Introduction to Naval Science
- NSC 1140 Sea Power and Maritime Affairs
- NSC 2231 Principles of Naval Management I
- NSC 4232 Principles of Naval Management II

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

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

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

RESIDENCY REQUIREMENT
A minimum of 14 of the 18 credit hours must be earned at USF.

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