This manual was compiled and edited by the Office of Undergraduate Studies and Community College Relations, University of South Florida, Tampa, Florida. Its purpose is to facilitate the planning and transfer of community college students in their progress toward a baccalaureate degree at USF. Should any discrepancy occur between this manual and the 2001-2002 USF undergraduate catalog, the catalog takes precedence.

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

The University of South Florida is committed to the principles of equal education and employment opportunities without regard to race, color, marital status, sex, religion, national origin, disability, age, Vietnam or disabled veteran status as provided by law and in accordance with the University’s respect for personal dignity. These principles are applied in the conduct of University programs and activities and the provision of facilities and services.
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TAMPA CAMPUS: 4202 E. FOWLER AVENUE
TAMPA, FLORIDA 33620

RESOURCE AREAS SUNCOM 574-(+ 4-digit extension)

Academic Advising: (813) 974-2503
Arts and Sciences (813) 974-4290
Business Administration (813) 974-2458
Education (813) 974-2684
Engineering (813) 974-3660
Fine Arts (813) 974-3905
Nursing (813) 974-2645
Undecided (813) 974-2645
Admissions, Office of (813) 974-3350
Adult and Transfer Student Services (813) 974-6444
Registrar, Office of (813) 974-2000
Financial Aids (813) 974-4700
Housing & Food Service (813) 974-2761
Project Thrust (813) 974-4227

LAKELAND CAMPUS: 3343 WINTER LAKE ROAD
LAKELAND, FLORIDA 33919

RESOURCE AREAS SUNCOM 574-(+ 4-digit extension)

Academic Advising: (941) 667-7025
Arts and Sciences (941) 667-7063
Business (941) 667-7023
Education (941) 667-7029
Admission, Office of (941) 667-7025
Financial Aid (941) 667-7000
Information (941) 667-7000

SARASOTA CAMPUS: 5700 NORTH TAMIAI TRAIL
SARASOTA, FLORIDA 34243-2197

RESOURCE AREAS SUNCOM 546-(+ 4-digit extension)

Academic Advising (all programs) (941) 359-4331
Admissions (941) 359-4330
Financial Aid (941) 359-4255
Records and Registration (941) 359-4230

ST. PETERSBURG CAMPUS: 140 SEVENTH AVENUE, SO.
ST. PETERSBURG, FLORIDA 33701

RESOURCE AREAS SUNCOM 545-(+ 4-digit extension)

Academic Advising: (727) 553-1507
Arts and Sciences (727) 553-1542
Business Administration (727) 553-1581
Education (727) 553-1142
Admissions (727) 553-1128
Financial Aid (727) 553-1108
Project Thrust (727) 553-1142
Records and Registration (727) 553-1142
UNIVERSITY OF SOUTH FLORIDA

ADMISSIONS AND TRANSFER INFORMATION

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Transfer students should apply as early as possible within a year of expected AA degree date.

Quota programs (as well as some graduate programs) may impose earlier application deadlines. Consult specific manual page or the general university bulletin (catalog).

All campuses observe the same admissions deadlines, but registration times do differ. Check with appropriate campus admissions office.

Provisional Acceptance

USF sends a “provisional acceptance” letter to transfer students upon receipt of their applications. However, it is imperative that students meet the terms listed on the acceptance letter and send an official “final” transcript as soon as possible to the USF Admissions office. Provisionally admitted students who do not receive the AA degree or do not have at least 60 transferable hours (as determined by the USF Admissions office) will have to meet freshman entrance requirements for admission.

AA Except for CLAST

Students who have failed one or more subtests of the CLAST but have completed all other AA degree requirements will be admitted to the University of South Florida and given full benefit for the AA degree. A transcript should be sent to USF with “all AA degree requirements met except for CLAST,” statement posted. Such students must register for and take CLAST during their first term of enrollment at USF.

Normally, courses designed specifically for AS degree programs will not be accepted in transfer to USF except as follows:

(1) When the community college has allowed the AS courses to be counted toward award of an AA degree, those course credits comprising a portion of the minimum 60 credits required for the AA will be transferred as “undistributed elective credit.” Credits counted as “undistributed electives” will not fulfill any degree requirements except free elective credit toward the minimum degree requirement of 120 credits. In addition, the grades for those courses will not be calculated in the students’ transfer or overall grade point averages.

(2) In selected programs a department/college’s faculty may determine that certain AS degree courses are sufficiently equivalent to lower level requirements at USF and may then recommend the credits count toward course requirements at USF. In those instances, the grades for the transferred courses will be counted in the students’ transfer and overall grade point averages. If the student changes major to a non articulated degree the AS credits will be considered under options #1 or #2 above.

CLAST Policies at USF

If all subtests of the CLAST have not been passed by the time students reach 70 semester hours (including transfer hours from the community college) they may not register for classes until they have scheduled a remedial course covering the content of the failed subtest(s) and have registered for the CLAST.

Students who have reached 96 semester hours and have not passed all four subtests of CLAST will be placed on administrative hold and will be permitted to register only for classes to remediate their CLAST deficiency.

If a student has completed 96 hours, has taken CLAST five times and has participated in at least three terms of remediation,
application for CLAST waiver may be made. For application details, contact the Office of Evaluation and Testing, 974-2741.

When students successfully complete all subsections of CLAST, they should apply to their community college for their AA degree and have a transcript sent to USF indicating the awarding of the AA degree. This ensures that the community college awards students the degree to which they are entitled.

Repeat/Forgiveness

In order for repeated courses to qualify for the forgiveness policy, the repeated course must have been taken at the same institution as the initial course, and the institution where the course was taken must have a forgiveness policy. However, USF will honor repeat course forgiveness between institutions if they are part of the AA degree.

Courses Taken After the AA

Courses taken after the AA degree will be re-calculated into the GPA by the Office of Admissions. In some cases this could drop the overall admissions GPA below the 2.00 required for admission. Therefore, it is recommended that students complete all necessary coursework (both AA degree requirements and limited access program criteria) within the framework of the AA degree.

Reciprocity Rule for Residency

Effective immediately USF will accept the sending community college’s residency determination for their students who are applicants to the University. This is in accordance with the newly adopted statewide Residency for Tuition Purpose Reciprocity Rule.

Foreign Language Entry Requirement (FLENT)

All students entering the University of South Florida are affected by Section 240.233 of the Florida Statutes. Under this Statute, students must complete two years of the same foreign language in high school or the equivalent (eight to ten semester hours of the same language at the postsecondary level) prior to admission to a Florida public university. However, state universities have been allowed to admit students before completion of this requirement with the stipulation that those students must satisfy the requirement before they can receive a Baccalaureate degree. (Students who entered a Florida community/junior college prior to August 1, 1989 and maintained continuous enrollment until admission to USF are exempt from this entrance requirement.)

NOTE: American Sign Language will meet the foreign language entry requirement.

Students who have not met the foreign language entry requirement in high school are encouraged to complete the requirement (8-10 semester hours) at the community college they are currently attending, if possible.

Verification of Foreign Language Entry Requirement

To verify completion of this requirement, students must have an official high school transcript or an official college or university transcript mailed to the USF Office of Admissions as soon as possible upon making application to the University.

Foreign Language Exit Requirement

USF also has a foreign language exit (or graduation) requirement for the Bachelor of Arts (B.A.) degree that is separate from the foreign language entry requirement described above. Two years of high school level foreign language courses do not meet USF exit requirements. However, completing eight to ten semester hours of the same college-level foreign language with a grade of “C” or higher at a Florida public community college will satisfy both the entrance and exit requirements at USF.

Only the B.A. degree has a foreign language requirement for graduation. This requirement may be met by
• Completing one academic year (8-10 S/H) of the same college-level foreign language with “C” or higher.
• Passing departmental competency/placement examination.
• Achieving appropriate qualifying scores on CLEP.
• Obtaining a score of 500 or higher on the TOEFL examination for non-English speaking students.

NOTE: Some departments allow American Sign Language to meet the requirement, but appropriate departmental approval must be granted.

Limited Access Programs

Several high demand programs have additional admission criteria beyond general university admission requirements. Specific guidelines for admission to limited access programs provide equal access to AA degree holders from Florida community colleges, transfers from other SUS institutions, and USF students of equivalent status. Most programs require at least a minimum 2.5 overall college GPA. Potential transfer students with 90 or more hours will not be admitted to the University unless they meet the GPA requirement of their chosen limited access program major at the time of application. The following colleges and
UNIVERSITY OF SOUTH FLORIDA

programs are limited access:
  College of Business (all majors)  Liberal Studies
  College of Education  Mass Communications
  College of Fine Arts (Dance B.F.A.)  Mathematics (Accelerated BA/MA)
  College of Nursing (all majors)  Social Work

ORIENTATION

The Orientation Program is designed to introduce students to the campus and to the USF community. Orientation is mandatory on all USF campuses. Times and formats differ at each campus. During orientation students will receive academic counseling, select their courses, register for classes and become acquainted with the campus. Students should have personal copies of their college transcripts with them during their advising sessions. The earlier students attend the orientation sessions the more likely they will obtain the classes needed. Students will receive their orientation packet in the mail shortly after their Official Acceptance Letter arrives. For more information contact the Orientation Office at (813) 974-3060.

IMMUNIZATION POLICY

As a prerequisite to matriculation or registration, the State University System of Florida requires all students born after 1956 to present documented proof of immunity to RUBEOLA (measles) and RUBELLA (German measles). The documented date of immunization for both measles and rubella should indicate the day, month, and year. However, only month and year will suffice if the month and year indicate that the immunization was given at least 13 months after the month of birth. Exceptions to this policy may be granted in the event of valid medical contraindications, or for religious reasons.

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

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

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

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

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

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

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

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

HOUSING

While attending USF, a student may choose to live either on or off campus. A housing application is sent with the acceptance letter. If a student chooses to live on campus, the housing application should be mailed with a copy of the acceptance letter to the housing office ASAP to secure a housing reservation. For information on campus housing, contact the Housing Office at (813) 974-4310.

The Off-Campus Housing Program provides vacancy listings of rooms, apartments, condos, and homes. It also offers roommate referral, information on renter’s insurance, furniture rental, and apartment discounts. Contact the Off-Campus Housing Program at (813) 974-3749.

INFORMATION SESSIONS AND CAMPUS TOURS

The Office of Admissions conducts Admissions Information Sessions on the Tampa campus every Monday through Friday (except University holidays) at 1:00 p.m. An appointment is not necessary to attend. These sessions conclude with a student-guided tour of campus and housing facilities. Comprehensive campus visitation programs are available on various dates throughout the year. More information about these expanded programs can be obtained by contacting the Office of Admissions at (813) 974-3350.
FINANCIAL AID AT USF

http://usfweb.usf.edu/enroll/finaid/finaid.htm

USF GENERAL EDUCATION PROGRAM

All new students and Former Students Returning will be required to take 45 semester hours to satisfy the complete liberal arts requirements. Thirty-six (36) semester hours will satisfy the general education course requirements and 9 semester hours will satisfy the exit requirements. These requirements are distributed as follows:

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**Exit Requirements** *(All students will be required to take the nine hours of the exit requirement at USF.)*

| Major Works and Major Issues                                       | 6              |
| Literature and Writing                                             | 3              |
| **Total**                                                           | **9**          |

Courses, as much as possible, will incorporate the dimensions of values and ethics, race and ethnicity, gender, and international and environmental perspectives. In addition, whenever relevant to the specific discipline, all courses are expected to require conceptual, analytical, and creative thinking and to promote creativity and discipline in writing and speaking.

**NOTE:** In accordance with the articulation agreement, Florida community college students will be under the General Distribution Requirements in the USF catalog at the time the student first entered the community college, provided the student maintains continuous enrollment. Also, Florida community college transfer students who have the AA degree or whose transcripts state that they have satisfactorily completed general education requirements at another Florida public college or university will have met USF’s general education requirements under the articulation agreement. However, USF recommends that community college students who plan to transfer to USF take courses within their general education programs at the community colleges that meet as much as possible the University’s general education requirements.

STUDENT BILL OF RIGHTS

Florida Community College Associate in Arts graduates are guaranteed the following rights under the Statewide Articulation Agreement (State Board of Education Rule 6A-10.024):

1. Admission to one of the nine (9) state universities, except to limited access programs*.

2. Acceptance of at least 60 credit hours by the state universities toward the baccalaureate degree.

3. Adherence to university requirements and policies based on the catalog in effect at the time the student first entered a community college, provided the student maintains continuous enrollment.

4. Transfer of equivalent courses under the Statewide Course Numbering System.

5. Acceptance by the state universities of credit earned in accelerated programs (e.g., CLEP, AP, PEP, Dual Enrollment, Early Admission and International Baccalaureate).

6. No additional General Education Core requirements.

7. Advance knowledge of selection criteria for limited access programs.

Equal opportunity with native university students to enter limited access programs.

Should any guarantee be denied, students have the right of appeal. Each state university and community college shall make available established appeal procedures through the respective articulation officers.

*Limited Access is the designation given to programs that require additional admissions requirements which are more selective than general admission requirements. These may include the following: increased total GPA and test scores; additional courses and prerequisites; and auditions and portfolios.
Communicating With The University

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

Academic Advising (for Undeclared and Undecided Students)
Academic Advising, SVC 1102
http://www.sa.usf.edu/advising/

Academic Advising (for upperclassmen)

Arts & Sciences, SOC 102
http://www.cas.usf.edu/
Business Admin., BSP 1406
http://www.cboa.usf.edu/
Education, EDU 106
http://www.coedu.usf.edu/
Engineering, ENC 100
http://www2.eng.usf.edu/eng/main.asp
Fine Arts, FAH 120
http://www.fas.usf.edu/
Nursing, MDN 1036
http://nursing.usf.edu/nursing/
Pre-Medical, CHE 308
http://www.cas.usf.edu/aoa/

Academic Services for Students with Disabilities
Coordinator, SVC 1133
(voice) 974-4309
(TDD) 974-5561
http://www.sa.usf.edu/dsa/

Adult and Transfer Student Services
Office of the Advisor, SVC 1001
http://www.mltp.usf.edu/enroll/atsts/

Applications and Admissions
Office of Admissions, SVC 1036
http://www.mltp.usf.edu/enroll/admissions/admiss.html
bullseye@admin.usf.edu
New College
http://www.newcollege.usf.edu/
Office of Admissions (Sarasota)
359-4269
http://www.mltp.usf.edu/enroll/atsts/
bullseye@admin.usf.edu

Athletics (Intercolligate)
Director of Athletics, PED 214
974-2125
http://www.usf Bulls.com

Bachelor of Independent Studies Program
External Degree Program, FAO 285
http://www.cas.usf.edu/bs/index.html

Career Development
Counseling Center for Human Development, SVC 2124
http://www.mltp.usf.edu/counsel/

Career Center
Cooperative Education Program, SVC 2088
Career Job Search Assistance, SVC 2088
http://www.career.usf.edu/

College Level Examination Program (CLEP tests)
Office of Evaluation and Testing Services, SVC 2054
http://www.mltp.usf.edu/enroll/evaltest.htm

Community College and Transfer Students
Adult and Transfer Student Services, SVC 1001
http://www.mltp.usf.edu/enroll/atsts/

Continuing Education Courses and Conferences
Continuing Education, MGZ 144
Division of Conferences and Institutes, MHH 1116
English Language Institute, CPR 1107
http://www.conted.usf.edu/

Counseling
Counseling Center for Human Development, SVC 2124
http://www.mltp.usf.edu/counsel/

Educational Outreach
Office of the Dean, MHH 1116
http://www.outreach.usf.edu/

Financial Assistance (scholarships, loans, employment)
Office of Financial Aid, SVC 1102
http://usfweb.usf.edu/finaid/

Graduate Studies
Office of the Dean, FAO 126
http://www.grad.usf.edu/

Health Services (Student)
Health Center, SHS 101
http://www.shs.usf.edu/

Honors Program - University-wide
Office of the Director, FAO 274
http://web.usf.edu/~honors/

Housing: Campus Residence Halls
Office of Residence Life, RAR 229
http://www.reserv.usf.edu/

Housing: Off-Campus
Student Government Office, CTR 203
http://sg.usf.edu/

International Student and Scholar Services
Office of the Advisor, CTR 259
974-5102
http://web.usf.edu/acddefault.htm

Library Resources

Tampa Campus: Office of the Director of Libraries, LIB 207
(813) 974-2721
http://www.lib.usf.edu/

St. Petersburg Campus: Office of the University Librarian
(813) 553-3401
http://www.metcon.usf.edu/

Sarasota Campus: Office of the Librarian
(941) 359-4300
http://lib.sar.usf.edu/

Library: Lakeland Campus: PCC/USF Library
(941) 297-1042

Minority Student Advising
Center for Academic Advising, SVC 2011
974-2065
http://www.sa.usf.edu/advising/

Orientation
Office of the Director, SVC 1037
974-3060
http://www.mltp.usf.edu/enroll/orient/orient.htm

Packing and Traffic Services
Parking Services, PSB 151
974-3990
http://www.mltp.usf.edu/parking_services/

Pre-Admission Advising for Prospective Freshman,
International, Mature, Minority, and Transfer Students
Office of Admissions, SVC 1036
974-3360
http://www.mltp.usf.edu/enroll/admissions/admiss.htm
bullseye@admin.usf.edu

Reading Study Skills
Counseling Center for Human Development, SVC 2124
974-2831
http://www.mltp.usf.edu/counsel/

Records, Registration
Office of the Registrar, SVC 1034
974-2000
http://www.mltp.usf.edu/regist/regist.htm
regquest@admin.usf.edu

Speakers Bureau
Media Relations and Publications, ADM 271
974-4014
http://usfweb.usf.edu/speech/

Student Affairs
Office of the Vice President, ADM 151
974-5563
http://usfweb.usf.edu/Registrar/

Transcripts USF
Office of the Registrar, SVC 1034
974-2000
http://www.mltp.usf.edu/regist/regist.htm

Tuition Waiver For Senior Citizens
Division of Lifelong Learning, MGZ 144
974-2403
http://lib.sar.usf.edu/

Undergraduate Studies
Office of the Dean, SVC 2002
974-4051
http://www.ugs.usf.edu/ugs.htm
WebCell@admin.usf.edu

University Experience Program
Office of the Coordinator, SVC 2014
974-2125
http://www.mltp.usf.edu/counsel/

University Police
Office of the Director of Libraries, LIB 207
974-2403
http://www.mltp.usf.edu/parking_services/

Veterans Services
Office of Veterans Services, SVC 2127
974-2963
http://usfweb.usf.edu/vetserve/
ACCOUNTING

COLLEGE: BUSINESS ADMINISTRATION
SCHOOL: ACCOUNTANCY
DEGREE: BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: YES-THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Director of Advising, Business Administration, (813) 974-4290
- LAKELAND / Advisor, Business Administration, (863) 667-7011
- SARASOTA / Advisor, Business Administration, (941) 359-4331/4330
- ST. PETERSBURG / Advisor, Business Administration, (727) 553-1542

Program of Study at a Florida Community/Junior College for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
The State of Florida has identified common course prerequisites for the College of Business Administration degree programs. These prerequisites are required for admission to the upper-division program and normally must be completed by the student prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following common prerequisites or their substitutions are necessary for admission to the College of Business Administration upper-division degree programs:
- ACG X021 Financial Accounting (or ACG X001 & ACG X011)
- ACG X071 Managerial Accounting (not required of students majoring in Accounting)
- CGS X100 Computers in Business (or acceptable substitute)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100

Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the college of Business Administration.

Students should not take finance, management, or marketing courses at the community college which are offered at the upper division level at USF. Such courses are not accepted as substitutes for upper-level requirements without proper validation after enrolling in the College of Business Administration. Without validation, such courses transfer as elective credits.

Admission Requirements to the University Program of Study

To be admitted to the College of Business Administration, the student must first be accepted to the University of South Florida. Additionally, students must have completed a minimum of 60 semester hours, earned a minimum 2.5 cumulative grade point average on all college-level work and minimum 2.0 on all credit attempted at USF including any prior to renewal. In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business except GEB 4890; provided they have completed 60 semester hours and have met course prerequisites. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

PROGRAM OF STUDY AT THE UNIVERSITY

The foundation courses common to all majors in business consists of the 18 hours of prerequisites plus the following (three-hour) courses:
- ACG 2021 Principles of Financial Accounting (3)
- ACG 2071 Principles of Managerial Accounting (3)
- ECO 2013 Economic Principles: Macroeconomics (3)
- ECO 2023 Economic Principles: Microeconomics (3)
- QMB 2100 Business & Economic Statistics I (3)
- BUL 3320 Law and Business I (3)
- ECO 3100 Managerial Economics (3)
- FIN 3403 Principles of Finance (3)
- ISM 3011 Information Systems in Organizations (3)
- QMB 3200 Business & Economic Statistics II (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)
- GEB 4890 Strategic Mgmt/Decision Making (3)

Requirements for the B.A./B.S. Degree: In addition to the non-business and business foundation courses listed in the General Requirements section, students must complete a minimum of 27 hours of upper-level accounting courses, of which 18 credit hours must be taken in residence at USF.

Required Accounting Courses:
- ACG 3103 Intermediate Financial Accounting I 3
- ACG 3113 Intermediate Financial Accounting II 3
- ACG 3341 Cost Accounting and Control I 3
- ACG 3401 Accounting Information Systems 3
- ACG 4632 Auditing I 3
- TAX 4001 Concepts of Federal Income Taxation 3

Electives (9 hours selected from):
- ACG 4123 Intermediate Financial Accounting III 3
- ACG 4351 Cost Accounting and Control II 3
- ACG 4642 Auditing II 3
- ACG 4931 Selected Topics 3
- ACG 4932 Honors Accounting Seminar 3
ACG 5201 Advanced Financial Accounting 3
ACG 5501 Governmental/Not-for-Profit Accounting 3
ACG 5675 Internal and Operational Auditing 3
TAX 5015 Federal Taxation of Business Entities 3
Total 27

The student's program must also include course work taken in behavioral sciences and humanities, such as psychology, anthropology, and sociology, and the political environment of business and society, such as political science, public administration, and ethics. College of Business Administration advisors will recommend courses that will satisfy the program requirements.

Accounting majors can use the forgiveness policy only once in upper-level accounting courses. Accounting courses taken by accounting majors on an S/U basis will not be counted toward the 120-hour graduation requirement. Independent Research, ACG 4911, will not be accepted as credit toward the minimum degree requirements in the accounting concentration.

Accounting majors must earn a "C" (not C-) grade in each of the sequential upper-level accounting courses before being allowed to go on to the next course: i.e., ACG 3103, ACG 3113, ACG 3341, ACG 4632, TAX 4001.
AFRICANA STUDIES

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS
OPTION/TRACK: NONE
LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

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

Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses.

AFA 2000 Introduction to the Black Experience in Africa & Its Diaspora (3)
AFS 2250 Culture and Society in Africa (3)
AMH 3571 African-American History I (3)
AMH 3572 African-American History II (3)

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

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Major in Africana Studies
Beyond the recommended prerequisites, the major in Africana Studies consists of a minimum of 36 hours. Students may choose an area of emphasis in African-American Studies, African Studies, or Africana Studies (both). The requirements for the majors are as follows:

Major Requirements For The B.A. Degree (36 Cr. Hours)
AFA 2000 Introduction to the Black Experience in Africa and Its Diaspora (3)
AFH 3100 African History to 1850 (3)
AFH 3200 African History Since 1850 (3)
AMH 3571 African-American History to 1865 (3)
AMH 3572 African-American History Since 1865 (3)

Select Any Seven Courses. Students May Choose To Emphasize African-American Studies, African Studies Or Both. (21 Cr. Hours)

African American Studies (Suggested)
AFA 4313 Black English (3)
AFA 4331 Social Institutions and the African American Community (3)
AFA 4335 Black Women in America (3)
AFA 4340 Black Towns and Communities (3)
AFA 4350 African American Community Research (3)
AFA 4400 Middle Passage (3)
AFA 4500 Slavery in the Americas and Caribbean (3)
AFS 4311 The African Diaspora: Blacks in the Contruction of the Americas (3)
AMS 3700 Racism in American Society (3)
ANT 4340 The Caribbean (3)
AML 3604 African American Literature (3)
AML 4303 Major Works: Zora Neale Hurston (3)
AML 4624 Black Women Writers (3)
PHM 4120 Major Black Thinkers (3)
PUP 3313 Blacks in the American Political Process (3)
HUM 2420 Arts and Music of the African People (3)
AFA 4931 Selected Topics in Africana Studies (1-3)

African Studies (Suggested)
AFA 3153 African Literature Survey (3)
AFA 4150 Africa and the United States (3)
AFA 4313 Black English (3)
AFA 4340 Black Towns and Communities (3)
AFA 4350 African American Community Research (3)
AFA 4400 Middle Passage (3)
AFA 4500 Slavery in the Americas and Caribbean (3)
AFA 4931 Selected Topic in Africana Studies (1-3)
AFS 2250 Culture and Society of Africa (3)
CPO 4240 Government and Politics of Africa (3)
CPO 4244 Government and Politics of East, Central, and Southern Africa (3)
INR 4254 Africa in World Affairs (3)
HUM 2420 Arts and Music of the African People (3)
PHI 4073 African Philosophy (3)

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<td>AFA 4335</td>
<td>Black Women in America</td>
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<td>AFA 4400</td>
<td>Middle Passage</td>
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<td>AFS 2250</td>
<td>Culture and Society in Africa</td>
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<tr>
<td>AFS 4311</td>
<td>The African Diaspora: Blacks in the Contraction of the Americas</td>
<td>3</td>
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<td>AML 3604</td>
<td>African American Literature</td>
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<td>AML 4624</td>
<td>Black Women Writers</td>
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<td>ANT 4340</td>
<td>The Caribbean</td>
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<td>CPO 4204</td>
<td>Government and Politics of Africa</td>
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<td>CPO 4244</td>
<td>Government and Politics of East, Central, and Southern Africa</td>
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<td>HUM 2420</td>
<td>Arts and People of the African People</td>
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<td>PHI 4073</td>
<td>African Philosophy</td>
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<td>PHM 4120</td>
<td>Major Black Thinkers</td>
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<td>PUP 3313</td>
<td>Blacks in the American Political Process</td>
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<td>AFA 4931</td>
<td>Selected Topics in Africana Studies</td>
<td>1-3</td>
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</table>
AMERICAN STUDIES

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)

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

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

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

Students are encouraged to complete the following major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

- Requirements for the Major in American Studies

36 credit hours, distributed as follows:

1. One 2000-level survey course, either AMS 2201 (Colonial American Culture), AMS 2212 (Nineteenth-Century American Culture) or AMS 2270 (Twentieth-Century American Culture). 3 credits.
2. AMS 2030 (Introduction to American Studies) 3 credits
3. One additional 3000-level period course (e.g. AMS 3230, AMS 3001, AMS 3260). 4 credits.
4. One 3000- or 4000-level regions or genre course (e.g. AMS 3210, AMS 3601, AMS 4152). 3 or 4 credits.
5. AMS 4804 (Major Ideas in America). 3 credits.
6. One 4000-level Research Seminar (AMS 4935 or AMS 4936). 4 credits.
7. 6 additional AMS credit hours.
8. 9-10 additional credit hours of supporting courses to be chosen in consultation with the undergraduate advisor.

A minor is also available in American Studies.
ANTHROPOLOGY

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
ST. PETERSBURG (Partial) / Advisor, Arts and Sciences, (813) 893-9507

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
Students should complete two lower level, introductory courses in Anthropology prior to entering the University. If not taken at the community college, they must be completed before the degree is granted. A grade of “C” is the minimum acceptable grade.

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Major in Anthropology
Beyond the recommended prerequisites listed above, the major in Anthropology consists of a minimum of 36 credit hours. ANT 2000 is prerequisite to all subsequent courses. ANT 3101, ANT 2410, ANT 2511 and ANT 3610 are required as intermediate level training in the main subdivisions of the field, and ANT 4034 and ANT 4935 complete the specific requirements. Majors are required to complete a minimum of 15 hours of 4000-level elective coursework, including courses from at least three of the four subfields shown below.

Required Core Courses
ANT 2000 Introduction to Anthropology (3)
ANT 2410 Cultural Anthropology (3)
ANT 2511 Biological Anthropology (3)
ANT 3101 Archaeology (3)
ANT 3610 Anthropological Linguistics (3)
ANT 4034 Theories of Culture (3)
ANT 4935 Rethinking Anthropology (3)

Archaeology
ANT 4142 Old World Archaeology (3)
ANT 4143 European Archaeology (3)
ANT 4147 Environmental Archaeology (3)
ANT 4153 North American Archaeology (3)
ANT 4158 Florida Archaeology (4)
ANT 4165 South American Archaeology (3)
ANT 4163 Mesoamerican Archaeology (3)
ANT 4172 Historical Archaeology (3)
ANT 4180 Laboratory Methods in Archaeology (2-4)
ANT 4181 Museum Methods (4)
ANT 4183C Archaeological Science (4)
ANT 4824 Archaeological Field Methods (4-12)

Biological Anthropology
ANT 4520 Forensic Anthropology (3)
ANT 4586 Prehistoric Human Evolution (3)
ANT 4587 Human Variation (3)

Anthropological Linguistics
ANT 4620 Language and Culture (3)
ANT 4750 Language and Social Interaction (3)

Cultural Anthropology
ANT 4231 Folklore (3)
ANT 4241 Magic and Religion (3)
ANT 4285 Oral History (3)
ANT 4302 Gender in Cross-Cultural Perspective (3)
ANT 4312 North American Indians (3)
ANT 4316 Ethnic Diversity in the United States (3)
ANT 4323 Mexico and Central America (3)
ANT 4340 The Caribbean (3)
ANT 4390 Visual Anthropology (3)
ANT 4432 The Individual and Culture (3)
ANT 4442 Urban Life and Culture (3)
ANT 4462 Health, Illness, and Culture (3)
ANT 4495 Methods in Cultural Research (3)
ANT 4701 Applied Anthropology (3)
URS 3002 Introduction to Urban Studies (3)

Anthropology majors are urged to become competent readers and speakers of a relevant modern foreign language (which may include American Sign Language). They are also urged to enhance their English reading, writing, speaking and critical thinking capabilities and develop their skills in computational, statistical and other forms of quantitative analysis at every opportunity. Students are encouraged to fulfill General Education and Exit requirements with courses relevant to their interests in anthropology whenever possible. In pursuit of all these goals, they should meet with the department’s Undergraduate Advisor at least once each semester to discuss such topics as academic progress, future course plans, Department Honors Program, summer field schools, job opportunities, graduate education and professional careers in anthropology.
ART

COLLEGE : FINE ARTS
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : ART STUDIO AND ART HISTORY

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Advising, Fine Arts, (813) 974-3660; olinger@arts.usf.edu

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(Design Mandated Common Prerequisites)
The College of Fine Arts recommends that students complete an A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

- ART 1201/1202 Design I and Design II or ART 2201
- ART 1300/1301 Drawing I and Drawing II or ARH 3001
- ART 2050/2051 Art History Survey I and Art History Survey II
- ART 2XXX Any 2-3 introductory media course, 6-9 semester hours or 12 hours of ART 2XXX

Note: It is recommended that transfer students complete both Design I and Design II prior to transfer. If a student does not complete Design I and Design II prior to transfer they should wait and enroll in ART 2201 (Fabrications I) and ART 2203 (Fabrications II) at USF.

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Art Studio B.A. Degree
The following courses apply to the B.A. degree in Art Studio:

I. Art Preparation (Requires a “C” or better in all courses taken to progress to courses numbered 3000 and up)
- ARH 2050 History of Visual Arts I (3)
- ARH 2051 History of Visual Arts II (3)
- ART 2201C Fabrications I (3)
- ART 2203C Fabrications II (3)
- ART 2300C Beginning Drawing (3)
- ART 3301C Intermediate Drawing (3)

Total 18 hours

II. Beginning Studio Workshops
A minimum of 12 hours from the following Beginning Studio Workshops is required. These courses may not be repeated. These courses are pre-requisites to the intermediate level Studio Courses.
- ART 2400C Beginning Printmaking (3)
- ART 2510C Beginning Painting (3)
- ART 2710C Beginning Sculpture (3)
- ART 2110C Beginning Ceramics (3)
- ART 2222 Beginning Electronic Media (3)
- PGY 2401C Beginning Photography (3)

Total 12 hours

III. Intermediate Studio Workshops
A minimum of 9 hours from the following:
- 3000 Level Studio Specialization (3)
- 3000 Level Non-Specialization (3)
- 3000 Level Elective (3)

Total 9 hours

or the student may take 6 hours of 3000 level coursework and choose the following 4000 level option if they have the requisite 3.25 GPA in major.
- 4000 Level Specialization (3)

IV. Expanded Context Courses
A minimum of 6 hours of your Intermediate or Advanced Studio work must be from selected expanded context courses. Expanded context courses include Theme Studio, cross-media classes and/or special topics classes.

V. Art History
A minimum of 12 hours in the following history courses:
- ARH 4100 Prehistoric & Ancient (4)
- ARH 4170 Greek & Roman (4)
- ARH 4200 Medieval (4)
- ARH 4301 Renaissance (4)
- ARH 4350 Baroque and Rococo (4)
- ARH 4430 19th Century (4)
- ARH 4450 20th Century** (4)
- ARH 4520 African (4)
- ARH 4530 Oriental (4)
- ARH 4796 Critical Studies (4)

Total 12 hours

*4 hours may be taken in either critical studies seminar ARH 4796 or Directed Reading ART 4900.
**ARH 4450 is required of all majors and should be taken simultaneously with the Advanced Studio Workshops and Theme Studios.

Continued
**USF UNDERGRADUATE DEGREE REQUIREMENTS - 2001/2002**

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<th>Course</th>
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<td>ART 4955</td>
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<tr>
<td>Extended Studies**</td>
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<td><strong>Total 4 hours</strong></td>
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</table>

*Required of all majors
**Required of all majors (Paris Program, Public Art, Museum Internships, Community Art, Artists Internships/Apprenticeships, London Middlesex Program)

**VII. Recommendations**

Students are encouraged to take additional credits in the Studio Workshops and Theme Studio Courses to fulfill art electives. Honors studio courses are offered every semester and can be used to complete studio electives.

**Total 55 hours**

**Total Semester Hours for the B.A. degree in Art Studio:**

Please note under General Education that the historical perspectives must be satisfied with History of Visual Arts I, ARH 2050 and History of Visual Arts II, ARH 2051, and that Fine Arts must be satisfied with Fabrications I, ART 2201 and/or Fabrications II, ART 2203.

<table>
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<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td>(36)</td>
</tr>
<tr>
<td>Exit Requirements</td>
<td>(9)</td>
</tr>
<tr>
<td>Art Requirements</td>
<td>(55)</td>
</tr>
<tr>
<td>Special Requirements</td>
<td>(6)</td>
</tr>
<tr>
<td>Free Electives (Maximum Art 9 hours)</td>
<td>(23)</td>
</tr>
<tr>
<td><strong>Total 55 hours</strong></td>
<td></td>
</tr>
</tbody>
</table>

Note: All Students earning a B.A. degree in Fine Arts must complete the Foreign Language Requirement

- **Studio Art B.F.A. Degree**

The accelerated studio experiences provided for students meeting the requirements of the Bachelor of Fine Arts degree will better prepare them for professional participation in the visual arts.

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 are painting, drawing, printmaking, photography, sculpture, ceramics and electronic media/video/performance. These options provide access to a comprehensive program of study in art. Students can develop their conceptual and technical skills in a particular art discipline or decide to investigate a specific subject through the use of numerous media and “mixed” forms of art. The USF Art Department hosts fully equipped studios in all of these disciplines.

Transfer credit from other institutions is accepted on the basis of portfolio and transcript evaluation. The Art Department accepts transfer credit from all Florida programs that are part of the “common course prerequisites”.

**I. Art Foundations**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 2050</td>
<td>(3)</td>
</tr>
<tr>
<td>ARH 2051</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 2201C</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 2203C</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 2300C</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 3301C</td>
<td>(3)</td>
</tr>
<tr>
<td><strong>Total 18 hours</strong></td>
<td></td>
</tr>
</tbody>
</table>

**II. 2000 Level Studio**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>2000 Level 2-D Studio</td>
<td>(3)</td>
</tr>
<tr>
<td>2000 Level 3-D Studio</td>
<td>(3)</td>
</tr>
<tr>
<td>2000 Level Specialization</td>
<td>(3)</td>
</tr>
<tr>
<td>2000 Level Elective Studio</td>
<td>(3)</td>
</tr>
<tr>
<td><strong>Total 12 hours</strong></td>
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</tr>
</tbody>
</table>

**III. 3000 Level Studio**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>3000 Level Specialization*</td>
<td>(6)</td>
</tr>
<tr>
<td>3000 Level Non-Specialization</td>
<td>(3)</td>
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<tr>
<td>3000 Elective Studio</td>
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<tr>
<td><strong>Total 12 hours</strong></td>
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</tbody>
</table>

*Some programs, such as Photography and Sculpture, require 9 hours at the 3000 level.

**IV. 4000 Level Studio**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000 Level Specialization</td>
<td>(6)</td>
</tr>
<tr>
<td>4000 Level Non-Specialization</td>
<td>(3)</td>
</tr>
<tr>
<td>4000 Level Elective</td>
<td>(3)</td>
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<tr>
<td><strong>Total 12 hours</strong></td>
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</tbody>
</table>

**V. Expanded Context Courses**

A minimum of 6 hours of your Intermediate or Advanced Studio work must be from selected expanded context courses. Expanded context courses include Theme Studio, cross-media classes and/or special topics classes.

**VI. Art History**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 4450 20th Century</td>
<td>(4)</td>
</tr>
<tr>
<td>ARH 3454 Contemporary Issues in Art</td>
<td>(4)</td>
</tr>
<tr>
<td>4000 Level Period</td>
<td>(8)</td>
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<tr>
<td>ARH 4796 Critical Studies</td>
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<td><strong>Total 20 hours</strong></td>
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**VII. Additional Requirements**

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>ART 3939 Real World</td>
<td>(2)</td>
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<tr>
<td>Extended Studies**</td>
<td>(2)</td>
</tr>
<tr>
<td>ART 4970 Senior Thesis</td>
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<tr>
<td><strong>Total 7 hours</strong></td>
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</table>

**Total Art 81 hours**

**Total Semester Hours for the B.F.A. degree in Art Studio:**

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
<td>General Education</td>
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<tr>
<td>Exit Requirements</td>
<td>(6)</td>
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<tr>
<td>Art Requirements</td>
<td>(61)</td>
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<tr>
<td>Special Requirement</td>
<td>(6)</td>
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<tr>
<td><strong>Total 120 hours</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Continued**
• Art History B.A. Degree

The following courses are necessary for completing a B.A. degree in Art History:

I. Art Preparation (Requires a “C” or better in all courses taken to progress to courses numbered 3000 and up)
   - ARH 2050 History of Visual Arts I (3)
   - ARH 2051 History of Visual Arts II (3)
   - ART 2201C Fabrications I (3)
   - ART 2203C Fabrications II (3)
   - ART 2300C Beginning Drawing (3)
   - ART 3301C Intermediate Drawing (3)

   Total 18 hours

II. Art History Required Courses
   - ARH 4450 20th Century (4)
   - ARH 4937 Seminar in the History of Art History (4)

   Total 8 hours

Plus: Minimum of 12 hours in the following history courses:

III. Art History Survey
   - ARH 4100 Prehistoric & Ancient (4)
   - ARH 4170 Greek & Roman (4)
   - ARH 4200 Medieval (4)
   - ARH 4301 Renaissance (4)
   - ARH 4350 Baroque and Rococo (4)
   - ARH 4430 19th Century (4)
   - ARH 4520 African (4)
   - ARH 4530 Oriental (4)

   Total 12 hours

IV. Art History Critical Studies or Directed Reading
   - ARH 4796 Critical Studies in Art History and/or
   - ART 4900 Directed Reading

   A minimum of 12 credit hours

   Total 12 hours

V. Plus
   - Extended Studies: required of all majors

   (London Middlesex Program, Paris Program, Public Art, Museum Internships, Community Art, Artists Internship/Apprenticeships)

   Total 2 hours

VI. Recommendations
    Students are encouraged to take additional credits in Art History critical studies courses and Art History survey courses. The course, ARH 4710 History of Photography is recommended to Art History majors as a course to be used to complete Art History elective.

   Total Art History 52 hours

Total semester Hours for the B.A. degree in Art History
- General Education* (30)
- Exit Requirements (9)
- Art Requirements (52)
- Special Requirements (6)
- Free Elective (Maximum Art 9 hours) (23)

Total 120 hours

Note: All Students earning a BA degree in Fine Arts must complete the Foreign Language Requirement

*General Education "Historical Perspectives" will be satisfied by ARH 2050, History of Visual Arts I and ARH 2051, History of Visual Arts II.
ART EDUCATION

COLLEGE : FINE ARTS
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS, BACHELOR OF SCIENCE
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM: This program is currently inactive. See the Department Chair for further information. It is recommended that students seeking to become teachers obtain either a BA - Studio Concentration or a BFA in Studio Art and then the MA in Art Education (Plan II) which is preparation for Florida Teacher Certification.
BIOLOGY

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

BSC 1010/1010L Introduction to Biology I-Cellular Processes (with lab)
Acceptable substitutes: PCB X010, PCB X011, PCB X021, PCB X131, BSC X040, BSC 2012

BSC 1011/1011L Introduction to Biology II-Diversity (with lab)
Acceptable substitutes: ZOO X010, BOT X010, BSC X041, BOT X013

CHM 1045/1045L General Chemistry I (with lab)

CHM 1046/1046L General Chemistry II (with lab)

CHM 2210/2210L Organic Chemistry I (with lab)
Acceptable substitutes: PHY 2043/2043L, PHY 2048/2048L, PHY 2049/2049L, or equivalent

CHM 2211/2211L Organic Chemistry II (with lab)
Acceptable substitutes: PHY 2053/2053L, PHY 2048/2048L, PHY 2049/2049L, or equivalent

MAC X311 Calculus I
Acceptable substitutes: MAC 2233, MAC 2253, MAC X281

MAC X312 Calculus II
Acceptable substitutes: STA 2122, 2014, 2023, 2034, 2321 or equivalent; MAC 2234, 2254, 3282

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Biology B.S. Major (BIO)

Upper-level Courses for the Major

1. Department of Biology Courses - minimum 40 credit hours
   a. BSC 2010, BSC 2010L, BSC 2011, BSC 2011L
   b. PCB 3023, PCB 3043, and PCB 3063
   c. ONE of the following: PCB 3023L, PCB 3043L, or PCB 3063L
   d. ONE of the following (with laboratory): BOT 3373C, MCB 3030C, ZOO 3205C, ZOO 3713C, ZOO 4603C, or ZOO 4753C
   e. ONE of the following (with laboratory): MCB 4404, or PCB 4723
   f. The remaining credit hours to meet the minimum requirements must come from among structured departmental courses that are applicable to the major and BCH 3023. At least eight (8) of these credit hours must be at the 4000 level or higher.
   g. A maximum of four (4) credit hours of Undergraduate Research (BSC 4910) or Biology Honors Thesis (BSC 4970) may be applied.
   h. A minimum of 20 hours of Biology courses must be taken in residency and be applicable to the major.

2. Supporting Courses in the Natural Sciences - minimum 32 credit hours
   a. CHM 2045, CHM 2045L, CHM 2046, and CHM 2046L
   b. CHM 2210, CHM 2210L, CHM 2211, and CHM 2211L
   c. MAC 2233 and MAC 2234 OR MAC 2281 and MAC 2282 OR MAC 2311 and MAC 2312 OR MAC 2233 and STA 2023
   d. PHY 2048, PHY 2048L, PHY 2049, and PHY 2049L OR PHY 2053, PHY 2053L, PHY 2054, and PHY 2054L

3. Liberal Arts Courses - minimum 45 credit hours

4. Free Elective Courses needed to complete 120 credit hours.
BUSINESS AND OFFICE EDUCATION

COLLEGE: EDUCATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS, BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: YES - THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Program Director, Undergraduate Advising, Education, (813) 974-2458

- Requirements for the B.S. Degree (BBE): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF (State Mandated Common Prerequisites)
  Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.
  If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, they must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
  Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

  EDF X005 Introduction to Education
  EDG 2701 Teaching Diverse Populations
  EME 2040 Introduction to Educational Technology
  (Equivalent course or demonstrated competency may be substituted)
  ACG 2021 Financial Accounting
  or
  ACG X001 Financial and Managerial Accounting I*
  and
  ACG X011 Financial and Managerial Accounting II*
  ECO X013 Economic Principles (Macroeconomics)
  ECO X023 Economic Principles (Microeconomics)
  XXX XXXX Electives in Business Administration, 3 semester hours
  *Course not available at USF

  At least one course taken to meet the natural science requirements in General Education must include a laboratory component.
  In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under “Preliminary Requirements for Students Entering Teacher Education Programs” on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

- Admission Requirements to the University Program of Study
  Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required.

  Professional Education Core (29 core hrs.)
  EDF 3214 Human Development and Learning (3)
  EDF 3604 Social Foundations (Exit) (3)
  EDG 4620 Curriculum and Instruction (3)
  EDF 4430 Measurement for Teachers (3)
  EEX 4070 Integrating Exceptional Students in the Regular Classroom (2)
  FLE 4365 ESOL Competencies and Strategies (3)
  BTE 4940 Internship: Business Education (10)
  BTE 4936 Senior Seminar in Business and Office Education (2)

  Specialization Requirements (37 cr. hrs.):
  BTE 4948 Field-Based Seminar 3
  BTE 4909 Directed Study 3
  BTE 4401 Special Methods 4
  BUL 3112 Business Law I 3
  CGS 2000 Computers in Business I 3
  DEC 4161 Program Management 3
  ENC 3210 Technical Writing 3
  or
  ENC 3213 Professional Writing 3
  EVT 4651 Equity in the Schools and Workplace (Exit) 3
  FIN 3100 Personal Finance 3
  MAN 3025 Principles of Management 3
  Business Elective 3
  Word Processing 3
CHEMICAL ENGINEERING

COLLEGE : ENGINEERING
SCHOOL : NONE
DEGREE : BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM: NO.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Engineering, (813) 974-2684
LAKELAND (Partial) / Advisor, Engineering, (941) 667-7011
SARASOTA (Partial) / Advisor, Engineering, (941) 359-4331

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Communications:
ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
Humanities Courses (6)
Social Science Courses (6)
Humanities or Social Sciences (3)

Mathematics:

USF C/C
MAC 2281 MAC 2311* (4)
MAC 2282 MAC 2312* (4)
MAC 2283 MAC 2313* (4)
MAP 2302 MAP 2302 (3)

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:

USF C/C
CHM 2045 CHM 1045* (3)
CHM 2045L CHM 1045L* (1)
PHY 2048 PHY 2048 (3)
PHY 2048L PHY 2048L (1)
PHY 2049 PHY 2049 (3)
PHY 2049L PHY 2049L (1)

*or CHS 1440 Chemistry for Engineers

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

• Procedures for Applying to the College of Engineering
Before declaring a particular major within the field of engineering, students must meet two sets of admission requirements: one for the College of Engineering and the other for the student’s chosen degree program (see “College of Engineering Admission Requirements” and “Admission Requirements for Programs in Engineering” below). Students may apply to the College of Engineering upon initial entry to the University by declaring Engineering as their intended major on their admissions application. When a student is accepted to USF, engineering staff will review the necessary credentials and notify the applicant of his or her Engineering status.

USF students may apply through the Advising Office, in the College of Engineering. To be considered for admission to the College, an applicant must be accepted by the University as a degree-seeking student and be academically in good standing.

Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL score must be 550.

• College of Engineering Admission Requirements
1. Freshmen:
a. Test Scores:
SAT—combined score of 1050 minimum with a minimum quantitative of 550.
ACT—combined score of 25 minimum and mathematics of 25 minimum.
b. High School Mathematics: Should include sufficient algebra and trigonometry to enter Engineering Calculus I.
c. High School Grade Point Average of 2.5/4.0.
2. Transfer Students:
a. Engineering
Florida community college transfer students that have completed the courses shown below with a minimum grade of "C" are accepted directly into the College of Engineering.

Communications:
ENC 1101/1102 English I and II (6)

Mathematics:
MAC 2311 Engineering Calculus I (4) or MAC 2281, MAC 2282, MAC 2283
MAC 2312 Engineering Calculus II (4) or MAC 2281, MAC 2282, MAC 2283
MAC X283 Engineering Calculus III (4) or MAC 2281, MAC 2282, MAC 2283
MAP X302 Differential Equations (3)

Natural Sciences:
CHM X045/X045L General Chemistry I (with lab) (4) or CHS 1440 Chemistry for Engineers
PHY X048/X048L General Physics and Laboratory I (4)
PHY X049/X049L General Physics and Laboratory II (4)

Continued
Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

b. Computer Science
Transfers into the Computer Science program from a Florida community college are not required to have Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

c. Information Systems
Transfers into the Information Systems program from a Florida community college are not required to have Calculus III, Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

All other transfer students should contact the College’s Admission Office (813/974-2684).

**Required Prerequisites for Entering Engineering programs**

Once a student has been admitted to the College of Engineering, he/she must then seek admission into one of the specific departments.

The minimum requirements for acceptance by the departments administering the Engineering programs in Chemical, Civil, Electrical, Industrial and Mechanical Engineering are completion of English, Calculus, Differential Equations, Physics and Chemistry requirements.

The minimum requirements for admission to the Computer Engineering, Computer Science, and Information Systems programs offered by the Computer Science and Engineering Department are completion of English I & II, Physics I & II (and labs) and Calculus I & II with a grade point average of 3.0 or higher in those eight courses. Following departmental admission, it is necessary that a student complete the courses CDA 3100 (Computer Organization), and COP 3514 (Program Design) with a grade point average for all attempts of at least 3.0 prior to taking any other departmental courses.

Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Individual departments may have continuation requirements.

A student can have his or her academic records housed in a department and be advised by the department advisor prior to completing requirements for department admission if he or she so chooses. This type of student must still comply with all of the above-listed requirements prior to official acceptance by the department.

**Bachelor’s Curriculum - Chemical Engineering**

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

<table>
<thead>
<tr>
<th>Semester I</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>MAC 2281 Eng. Calculus I</td>
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</tr>
<tr>
<td>CHM 2045 General Chemistry I</td>
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</tr>
<tr>
<td>EGN 3000 Found. of Engin.</td>
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</tr>
<tr>
<td>ALAMEA Perspectives Elective</td>
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<tr>
<td>Fine Arts Elective</td>
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<table>
<thead>
<tr>
<th>Semester II</th>
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<tbody>
<tr>
<td>ENC 1102 Composition II</td>
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<tr>
<td>MAC 2282 Eng. Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>CHM 2046 General Chemistry II</td>
<td>3</td>
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<td>CHM 2045L General Chem. I Lab</td>
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<td>PHY 2048 General Physics I</td>
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<tr>
<td>PHY 2048L General Physics I Lab</td>
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<td>Historical Perspectives Elective</td>
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<table>
<thead>
<tr>
<th>Semester III</th>
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<tbody>
<tr>
<td>MAC 2283 Eng. Calculus III</td>
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<tr>
<td>CHM 2046L General Chem. II Lab</td>
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<tr>
<td>PHY 2049 General Physics II</td>
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<tr>
<td>PHY 2049L General Phys. II Lab</td>
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<tr>
<td>EGN 3311 Statics</td>
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<tr>
<td>ECN 3211 Communications for Engineers</td>
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<table>
<thead>
<tr>
<th>Semester IV</th>
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<tbody>
<tr>
<td>MAP 2302 Differential Equations</td>
<td>3</td>
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<tr>
<td>EGN 3358 Thermo, Fluids &amp; HT</td>
<td>4</td>
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<tr>
<td>EGN 3373 Circuits</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3443 Engineering Statistics</td>
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<tr>
<td>EGN 3613 Engineering Economy</td>
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<tr>
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<tbody>
<tr>
<td>ECH 3023 Process Engineering I</td>
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<tr>
<td>ECH 3323L Chem Lab I</td>
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<tr>
<td>ECH 4264 Transport Phenomena</td>
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<tr>
<td>CHM 2210 Org. Chem. I</td>
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<tr>
<td>CHM 2210L Org. Chem. I Lab</td>
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<tr>
<td>CHM 4410 Physical Chemistry I</td>
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<td>Total</td>
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<table>
<thead>
<tr>
<th>Semester VI</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ECH 4265C Process Engineering II</td>
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<td>ECH 4265L Chem. Lab II</td>
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<td>CHM 2211 Org. Chem. II</td>
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<tr>
<td>CHM 2211L Org. Chem. II Lab</td>
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<tr>
<td>CHM 4412 Physical Chem. III</td>
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CHEMISTRY

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS and BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. These include two semesters each of General Chemistry lecture and lab, Organic Chemistry lecture and lab, Calculus, and General Physics lecture and lab. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

- CHM X045/X045L General Chemistry I (with lab) or CHM 1041&1041, or 1045C, or 1045E
- CHM X046/X046L General Chemistry II or CHM 1046C, or 1046E
- MAC 2311 Calculus I or MAC 2281 Eng Calculus I
- MAC 2312 Calculus II or MAC 2282 Eng Calculus II
- CHM 2210/2210L Organic Chem I & Lab or CHM 2210C
- CHM 2211/2211L Organic Chem II & Lab or CHM 2211C
- OR
- PHY 2048/2048L Gen Physics I & Lab or PHY 2048C, or PHY 2053C
- PHY 2049/2049L Gen Physics II & Lab or PHY 2049C, or PHY 2054C

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

BA in Chemistry (CHM)

The B.A. degree in Chemistry provides a course of study for students whose careers will require a thorough understanding of chemistry required for a variety of professional activities such as in health-related professions, science teaching, business, law and other areas. Inherent in this program is a high degree of flexibility which permits tailoring a course of study to the student’s own educational objectives. The B.A. student whose goals change in the direction of graduate study should supplement this curriculum by addition and/or substitution of a selection of advanced courses from the B.S. program. Prerequisites are included in the list below.

Required Chemistry Courses (33 cr. hrs.)
- CHM 2045 General Chemistry I (3)
- CHM 2045L General Chemistry I Lab (1)
- CHM 2046 General Chemistry II (3)
- CHM 2046L General Chemistry II Lab (1)
- CHM 2210 Organic Chemistry I (3)
- CHM 2210L Organic Chemistry I Lab (2)
- CHM 2211 Organic Chemistry II (3)
- CHM 2211L Organic Chemistry II Lab (2)
- CHM 3120C Elementary Analytical Chemistry I (4)
- CHM 3400 Elementary Physical Chemistry I (3)
- CHM 3401 Elementary Physical Chemistry II (3)
- CHM 3402L Elementary Physical Chemistry Lab (1)
- CHM 3610 Intermediate Inorganic Chemistry I (3)
- CHM 3610L Intermediate Inorganic Chem. I Lab (1)

Required Chemistry Electives (6 cr. hrs.)
- 3000 level or above; may include not more than 1 hr. of CHM 4970.
- Suggested courses: BCH 3023, BCH 3023L, CHS 4300, CHM 4060, CHM 4070, CHM 4130, CHM 4611, CHM 4970, CHM 4932*.
- *Content varies each semester

Required Supporting Courses (14-16 cr. hrs.)
- MAC 2311 (4) or MAC 2281 (3)
- MAC 2312 (4) or MAC 2282 (3)
- PHY 2053 (3) or PHY 2054 (3)
- PHY 2053L (1) or PHY 2054L (1)

Required natural science or engineering electives (8 cr. hrs.)

BA in Chemistry, emphasis in Biochemistry (CHM)

The Chemistry B.A. offers a unique opportunity for students to pursue later studies and/or professional emphasis in Biochemistry and Biotechnology along with a strong foundation in the chemical knowledge and skills that are essential to these areas. The following schedule of courses meets the requirements for a B.A. in Chemistry and provides core courses in other disciplines basic to biochemistry and biotechnology. Prerequisites are included in the list below.

Required Chemistry Courses (30 cr. hrs.)
- CHM 2045 General Chemistry I (3)
- CHM 2045L General Chemistry I Lab (1)
- CHM 2046 General Chemistry II (3)
- CHM 2046L General Chemistry II Lab (1)
- CHM 2210 Organic Chemistry I (3)
- CHM 2210L Organic Chemistry I Lab (2)
- CHM 2211 Organic Chemistry II (3)
- CHM 2211L Organic Chemistry II Lab (2)

Continued
CHM 3120C Elementary Analytical Chemistry I (4)
BCH 3023 Introductory Biochemistry (3)
BCH 3023L Basic Biochemistry Lab (2)
BCH 4034 Advanced Biochemistry (3)

Required Chemistry Electives. (9 cr. hrs.)
Minimum of 9 hrs. selected from the following:
CHM 3400 Elementary Physical Chemistry I* (3)
CHM 3401 Elementary Physical Chemistry II* (3)
CHM 3610 Intermediate Inorganic Chemistry I* (3)
CHM 3610L Intermediate Inorganic Chem. I Lab* (1)
CHM 4060 Use of the Chemical Literature (1)
CHM 4300 Biomolecules I (3)
CHM 4070 Historical Perspectives in Chemistry (3)
CHM 4932 Selected Topics in Chemistry (3)

*Students anticipating graduate study are advised to select these courses.

Required Supporting Courses (22-24 cr. hrs.)
MAC 2311 (4) or MAC 2281 (3)
MAC 2312 (4) or MAC 2282 (3)
PHY 2053 (3) or PHY 2054 (3)
PHY 2053L (1) or PHY 2054L (1)
BSC 2010 (3) or PCB 3023 (3)
BSC 2010L (1) or PCB 3023L (1)

Other suggested electives important for advanced studies in biochemistry: CHM 4932*, CHM 4070, PCB 3063, PCB 5235, PCB 5525, STA 3023, MCB 3030, MCB 4502, PCB 4253, PCB 5845, EVR 2001.

BA in Chemistry, emphasis for Health Professions (CHM)
A chemistry core is essential for preparation for medical, dental, veterinarian and other health-related professions. The B.A. in Chemistry includes this core as well as the flexibility to incorporate the other science courses required for admission to programs in the health professions. The course of study outlined below incorporates the goals for health-related careers. Prerequisites are included in the list below.

Required Chemistry Courses (30 cr. hrs.)
CHM 2045 General Chemistry I (3)
CHM 2045L General Chemistry I Lab (1)
CHM 2046 General Chemistry II (3)
CHM 2046L General Chemistry II Lab (1)
CHM 2210 Organic Chemistry I (3)
CHM 2210L Organic Chemistry I Lab (2)
CHM 2211 Organic Chemistry II (3)
CHM 2211L Organic Chemistry II Lab (2)
CHM 3120C Elementary Analytical Chemistry I (4)
BCH 3023 Introductory Biochemistry (3)
CHS 4300 Fundamentals of Clinical Chem. (3)
CHS 4301L Fundamentals of Clinical Chem. Lab (2)

Required Chemistry Electives. (9 cr. hrs.)
Minimum of 9 hrs. selected from the following:
BCH 3023L Basic Biochemistry Lab (2)
BCH 4034 Advanced Biochemistry (3)
CHM 3400 Elementary Physical Chemistry I* (3)
CHM 3401 Elementary Physical Chemistry II* (3)
CHM 3610 Intermediate Inorganic Chemistry* (3)
CHM 3610L Intermediate Inorganic Chem Lab* (1)
CHM 4060 Use of the Chemical Literature (1)
CHM 4070 Historical Perspectives in Chemistry (3)

Required Supporting Courses (22-24 cr. hrs.)
MAC 2311 (4) or MAC 2281 (3)
MAC 2312 (4) or MAC 2282 (3)
PHY 2053 (3) or PHY 2054 (3)
PHY 2053L (1) or PHY 2054L (1)
BSC 2010 (3) or PCB 3023 (3)
BSC 2010L (1) or PCB 3023L (1)

Other suggested electives important for advanced studies in health professional vocations: BSC 2011, PCB 3063, PCB 5235, PCB 5525, STA 2023, MCB 3030, PCB 4723, ZOO 4753, ZOO 3713, MCB 4502, CHM 4932*, PCB 4253, PCB 5845.

BS in Chemistry (CHS)
The Bachelor of Science in Chemistry is a rigorous program that supplies the foundation in chemistry required for both the student who begins a chemical vocation immediately upon graduation as well as the one who pursues advanced study in chemistry or related areas. In accord with this goal, the curriculum for the B.S. degree in Chemistry meets the requirements for degree certification by the American Chemical Society. Because of the strong base developed in this curriculum, the B.S. in Chemistry also provides entry into other chemistry-related advanced studies. Prerequisites are included in the list below.

Required Chemistry Courses (50 cr. hrs.)
CHM 2045 General Chemistry I (3)
CHM 2045L General Chemistry I Lab (1)
CHM 2046 General Chemistry II (3)
CHM 2046L General Chemistry II Lab (1)
CHM 2210 Organic Chemistry I (3)
CHM 2210L Organic Chemistry I Lab (2)
CHM 3400 Elementary Physical Chemistry I* (3)
CHM 3401 Elementary Physical Chemistry II* (3)
CHM 3610 Intermediate Inorganic Chemistry* (3)
CHM 3610L Intermediate Inorganic Chem Lab* (1)
CHM 4060 Use of the Chemical Literature (1)
CHM 4070 Historical Perspectives in Chemistry (3)
CHM 4932 Selected Topics in Chemistry (3)

CHM 2210L Organic Chemistry I Lab (2)
CHM 2211 Organic Chemistry II (3)
CHM 2211L Organic Chemistry II Lab (2)
BCH 3023 Introductory Biochemistry (3)
CHM 3120C Elementary Analytical Chemistry I (4)
CHM 3610 Intermediate Inorganic Chemistry I (3)
CHM 3610L Intermediate Inorganic Chem. I Lab (1)
CHM 4060 Use of the Chemical Literature (1)
CHM 4130C Methods of Instrumental Analysis (4)
CHM 4131C Methods of Chemical Investigation (4)
CHM 4410 Physical Chemistry I (3)
CHM 4411 Physical Chemistry II (3)
CHM 4412 Physical Chemistry III (3)
CHM 4611 Advanced Inorganic Chemistry (3)

Required Supporting Courses (20-23 cr. hrs.)
MAC 2311 (4) or MAC 2281 (3)
MAC 2312 (4) or MAC 2282 (3)
MAC 2313 (4) or MAC 2283 (3)
PHY 2048 (3) or PHY 2049 (3)
PHY 2048L (1) or PHY 2049L (1)

Required natural science or engin. elective (3-6 hrs.)
1 - 3000 level course (PHY 3101, MAP 4302 suggested)
or
2 - 2000 level courses (BSC 2010, BSC 2111, GLY 2010, GLY 2100, EVR 2001, CGS 2060, CGS 2100, EGN 2210)

Other suggested chemistry electives: CHM 4970, BCH 3023L, CHM 4070, CHM 4932*.

*Content varies each semester.
CIVIL ENGINEERING

COLLEGE:  ENGINEERING
SCHOOL:  NONE
DEGREE:  BACHELOR OF SCIENCE IN CIVIL ENGINEERING
OPTION/TRACK:  NONE

LIMITED ACCESS PROGRAM: NO.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Engineering, (813) 974-2684
LAKELAND (Partial) / Advisor, Engineering, (941) 667-7011
SARASOTA (Partial) / Advisor, Engineering, (941) 359-4331

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)

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

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

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Communications:
- ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

Mathematics:
- USF C/C
- MAC 2281 MAC 2311* (4)
- MAC 2282 MAC 2312* (4)
- MAC 2283 MAC 2313* (4)
- MAP 2302 MAP 2302 (3)
*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:
- USF C/C
- CHM 2045 CHM 1045* (3)
- CHM 2045L CHM 1045L* (1)
- PHY 2048 PHY 2048 (3)
- PHY 2048L PHY 2048L (1)
- PHY 2049 PHY 2049 (3)
- PHY 2049L PHY 2049L (1)
*or CHS 1440 Chemistry for Engineers

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

• Procedures for Applying to the College of Engineering

Before declaring a particular major within the field of engineering, students must meet two sets of admission requirements: one for the College of Engineering and the other for the student’s chosen degree program (see “College of Engineering Admission Requirements” and “Admission Requirements for Programs in Engineering” below). Students may apply to the College of Engineering upon initial entry to the University by declaring Engineering as their intended major on their admissions application. When a student is accepted to USF, engineering staff will review the necessary credentials and notify the applicant of his or her Engineering status.

USF students may apply through the Advising Office, in the College of Engineering. To be considered for admission to the College, an applicant must be accepted by the University as a degree-seeking student and be academically in good standing.

Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL score must be 550.

• College of Engineering Admission Requirements

1. Freshmen:
   a. Test Scores:
      - SAT—combined score of 1050 minimum with a minimum quantitative of 550.
      - ACT—combined score of 25 minimum and mathematics of 25 minimum.
   b. High School Mathematics: Should include sufficient algebra and trigonometry to enter Engineering Calculus I.
   c. High School Grade Point Average of 2.5/4.0.
2. Transfer Students:
   a. Engineering
      Florida community college transfer students that have completed the courses shown below with a minimum grade of "C" are accepted directly into the College of Engineering.

Communications:
- ENC 1101/1102 English I and II (6)

Mathematics:
- MAC 2311 Engineering Calculus I (4) or MAC 2281, MAC 2282, MAC 2283
- MAC 2312 Engineering Calculus II (4) or MAC 2281, MAC 2282, MAC 2283
- MAC X283 Engineering Calculus III (4) or MAC 2281, MAC 2282, MAC 2283
- MAP X302 Differential Equations (3)

Natural Sciences:
- CHM X045/X045L General Chemistry I (with lab) (4) or CHS 1440 Chemistry for Engineers
- PHY X048/X048L General Physics and Laboratory I (4)
- PHY X049/X049L General Physics and Laboratory II (4)

Continued
Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

b. Computer Science
- Transfer students into the Computer Science program from a Florida community college are not required to have Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

c. Information Systems
- Transfer students into the Information Systems program from a Florida community college are not required to have Calculus III, Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

All other transfer students should contact the College’s Admission Office (813/974-2684).

• Required Prerequisites for Entering Engineering programs

Once a student has been admitted to the College of Engineering, he/she must then seek admission into one of the specific departments.

The minimum requirements for acceptance by the departments administering the Engineering programs in Chemical, Civil, Electrical, Industrial and Mechanical Engineering are completion of English, Calculus, Differential Equations, Physics and Chemistry requirements.

The minimum requirements for admission to the Computer Engineering, Computer Science, and Information Systems programs offered by the Computer Science and Engineering Department are completion of English I & II, Physics I & II (and labs) and Calculus I & II with a grade point average of 3.0 or higher in those eight courses. Following departmental admission, it is necessary that a student complete the courses CDA 3100 (Computer Organization), and COP 3514 (Program Design) with a grade point average for all attempts of at least 3.0 prior to taking any other departmental courses.

Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Individual departments may have continuation requirements.

A student can have his or her academic records housed in a department and be advised by the department advisor prior to completing requirements for department admission if he or she so chooses. This type of student must still comply with all of the above-listed requirements prior to official acceptance by the department.

• Bachelor's Curricula - Civil Engineering Option

Transfer students must have completed the equivalent USF Engineering Calculus sequence with a 2.0 GPA; must have completed one year of equivalent USF General Physics and Chemistry courses with a minimum of 2.0 GPA; must have an overall GPA of 2.0 or better.

Semester I

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### USF UNDERGRADUATE DEGREE REQUIREMENTS - 2001/2002

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<tr>
<td>Social Science Elective</td>
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<td></td>
<td><strong>Total</strong></td>
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### Civil Engineering Concentration and Capstone Design Requirements

#### Environmental Engineering

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 4417</td>
<td>Water Quality and Treatment</td>
<td>3</td>
</tr>
<tr>
<td>ENV 4552</td>
<td>Environmental Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CWR 4103</td>
<td>Water Resources Engineering I</td>
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</tr>
<tr>
<td>CWR 4812</td>
<td>Capstone Water Resources/Environmental Design</td>
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#### Water Resources

<table>
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<tr>
<th>Course Code</th>
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<tr>
<td>CWR 4103</td>
<td>Water Resources Engineering I</td>
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<tr>
<td>CWR 4545</td>
<td>Water Resources Engineering II</td>
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<td>ENV 4417</td>
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<tr>
<td>CWR 4812</td>
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#### Structures

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>CES 4605</td>
<td>Concepts of Steel Design</td>
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</tr>
<tr>
<td></td>
<td>Technical Elective</td>
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<tr>
<td>CES 4740</td>
<td>Capstone Structural/Geotechnical/Materials Design</td>
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#### Materials

<table>
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<tr>
<td>EMA 4324</td>
<td>Corrosion of Engineering Materials</td>
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<td>CGN 4851</td>
<td>Concrete Construction Materials</td>
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<td>CES 4605</td>
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<td>CES 4740</td>
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#### Geotechnical with emphasis on Structures

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>CEG 4012</td>
<td>Geotechnical Engineering II</td>
<td>3</td>
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<tr>
<td>CES 4605</td>
<td>Concepts of Steel Design</td>
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<td>CES 4740</td>
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#### Geotechnical with emphasis on Transportation

<table>
<thead>
<tr>
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<tr>
<td>CEG 4012</td>
<td>Geotechnical Engineering II</td>
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<td>SUR 2101</td>
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<td>Technical Elective</td>
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<tr>
<td>CEG 4850</td>
<td>Capstone Geotechnical/Transportation Design</td>
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#### Transportation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>TTE 4005</td>
<td>Transportation Engineering II</td>
<td>3</td>
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<tr>
<td>SUR 2101</td>
<td>Surveying</td>
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<tr>
<td>Technical Elective</td>
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</tr>
<tr>
<td>CEG 4850</td>
<td>Capstone Geotechnical/Transportation Design</td>
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CLASSICS

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : CLASSICS AND INTERDISCIPLINARY CLASSICAL CIVILIZATIONS

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503
Language Advisor, (813) 974-2762

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF

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

To complete a major in Classics, students should demonstrate proficiency at the intermediate level within the target language. This may be accomplished by completing 6-12 hours within the language or by demonstrated competency at the intermediate level. If this coursework (or associated competency) is not completed at the community college, it must be completed before the degree is granted. A grade of “C” is the minimum acceptable grade.

Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

Requirements for the Major in Classics

The Major in Classics requires 10 courses, earning a minimum of 30 credit hours. Of those courses, a minimum of 4 courses must consist of language courses in Latin (LAT or LNW) or in Greek (GRE and GRW), which must include or presuppose LAT 2200 or GRE 2200. The remaining 6 courses are to be chosen from a list of approved courses with the advice of the Classics advisor.

Honors Program

Admissions Criteria
1. Senior status.
2. Completion of the “core” courses required for a major in the Department with a GPA above 3.5.
3. An overall GPA above 3.3.
4. Two letters of recommendation from departmental faculty followed by departmental approval.

Dismissal Procedures
The student must maintain a Departmental GPA of 3.5, must submit the Honors Thesis on time, and must pass the scheduled Departmental Honors Examination. Otherwise, the candidate receives no Honors.

Requirements for Completion of Departmental Honors:
1. Completion of requirements for a major in the Department with a GPA above 3.5 and an overall GPA of 3.3 or above.
2. Acceptance of a Senior Thesis by a committee of faculty members in the Department.
3. A grade of “A” on a sight translation from a Latin or Greek author.
4. Successful completion of an upper-level Greek or Latin course designated as an Honors Seminar.

Requirements for the Major in Interdisciplinary Classical Civilizations

Interdisciplinary Classical Civilizations is a broad-based area study encompassing the literature, history, linguistics, art and archaeology, philosophy, and religion of Greece, Rome and the Near East from pre-history to late antiquity. For centuries, the study of these vibrant societies has been recognized as essential to a proper understanding of our own culture and, recently, there has been a renewed recognition of the skills such study develops.

All students wishing to enroll in the ICC major must schedule an appointment with the Coordinator of Interdisciplinary Classical Civilizations in order to develop a program of study. Students will be urged to fulfill their General Education and University Exit Requirements, whenever possible, from courses taught within the Classical Civilizations Program. Courses that are applied toward the Gen. Ed. or “Core” Requirements cannot be utilized more than once. The BA language requirement should be fulfilled by the two-semester sequence in either Greek or Latin (GRE 1120 & 1121 or LAT 1120 & 1121).

The ICC Major can be fulfilled one of two ways:
A. The ICC Major (33 hours minimum) is intended for students who wish to become familiar with aspects of the Classical heritage of Western Civilization.
B. The ICC Major with Honors (39 hours minimum) is intended for students who wish to continue their studies beyond the undergraduate level and includes a thesis (3 hrs.). The student must also maintain a 3.5 GPA within the major and a 3.3 overall GPA.

Requirements of the ICC Major (33 hours minimum)
1. 12 hrs. from the ICC “Core”
   CLA 3103 Greek Civilization (3)
   or
   CLT 3101 Greek Literature in Translation (3)
   CLA 3123 Roman Civilization (3)
   or
   CLT 3102 Roman Literature in Translation (3)
   HIS 3930 Classical Archaeology (3)
   or
   ANT 3101 Archaeology (3)
   or
   REL 3280 Biblical Archaeology (3)
   or
   CLT 3330 Classical Mythology (3)

Continued
2. 18 hrs. (minimum) from the ICC “Fields.”
   Two (2) courses from an approved list of 2000 to 3000 level courses in Anthropology, Classics, History, Philosophy, or Religious Studies
   Four (4) courses from an approved list of 3000 to 4000 level courses in Anthropology, Classics, History, Philosophy, or Religious Studies
3. 3-4 hrs. from an approved list of 4000 level Exit Requirement courses in Anthropology, Classics, History, Philosophy, or Religious Studies

B. Requirements of the ICC Major with Honors (39 hours minimum):
   1. 12 hrs. from the ICC “Core”
      - CLA 31043 Greek Civilization (3)
      - CLT 3101 Greek Literature in Translation (3)
      - CLA 3123 Roman Civilization (3)
      - CLT 3102 Roman Literature in Translation (3)
      - HIS 3930 Classical Archaeology (3)
      - ANT 3101 Archaeology (3)
      - REL 3280 Biblical Archaeology (3)
      - CLT 3330 Classical Mythology (3)
   2. 12 hrs. beyond the BA Language Requirement in either Greek or Latin.
      Competence in one or two ancient languages for 5 semesters of coursework is required. Courses must be taken with the approval of the Coordinator.
   3. 12-16 hrs. from the Major Field Requirements.
      Major Fields are currently defined in Ancient History, Philosophy and Religious Studies. The student will select four courses in the Major Field area with the approval of the Coordinator. The student must take at least one exit level course in the Major Field he/she chooses.
   4. 3 hrs. of Faculty Mentored Research.
      The student will complete a research project under the direction of a faculty committee composed of a faculty mentor and at least two additional faculty members. The project is intended to produce a substantial research paper that can serve as a writing sample when the student applies for advanced graduate study.
   5. Maintenance of a 3.5 GPA within the major and a 3.3 overall GPA.
COMMUNICATION

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTIONS/TRACKS : INDIVIDUAL PROGRAM, HONORS PROGRAM

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
A major in Communication requires a minimum of 36 credit hours from departmental offerings. A final grade of "D" within a departmental course will not be counted toward a Communication major. Courses may not be taken S/U where a grade option exists.

Students must complete SPC 2600, Public Speaking, before being admitted to the Communication major. A student can be admitted to the university without SPC 2600, but it must be completed as part of requirements for the major. A grade of "C" is the minimum acceptable grade. In addition, admittance to the major is limited to those students who have completed at least 30 hours of college level work and have achieved an overall grade point average in all college courses of 2.5 or above.

This course is a prerequisite for declaring the communication major.
SPC 2600 Public Speaking (3)

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

Requirements for the Major in Communication
I. Core Distribution Requirements (12 hours)
Students must take each of these four courses as early as possible in the major. These courses are prerequisites for taking many of the more advanced courses in the respective areas.
COM 2000 Introduction to Communication (3)
ORI 2000 Introduction to Communication as Performance (3)
SPC 3301 Interpersonal Communication (3)
SPC 2541 Persuasion (3)

II. Area of Concentration (9 hours)
Students must take a minimum of nine hours in one of the three areas of concentration.
Performance Communication
ORI 3850 ORI 4931 ORI 4120
ORI 4310 SPC 4201
Interpersonal and Organizational Communication
COM 3120 COM 3014 COM 4020
COM 4124 COM 4710 COM 4942
SPC 3212 SPC 3425 SPC 4305
SPC 4310 SPC 4431
Public and Cultural Communication
COM 4030 COM 4022 SPC 3230
SPC 3513 SPC 3631 SPC 3653
SPC 3680 SPC 3710 SPC 4683
SPC 4632 SPC 4680 SPC 4714

III. Departmental Electives (12) hours
Students must take twelve additional hours of elective coursework in the Department of Communication at the 3000-level or higher, which must include at least six hours from outside the student's "area of concentration."
The following three classes count as electives outside the area of concentration for everyone (regardless of the concentration chosen):
COM 3122 Interview Communication
SPC 3601 Advanced Public Speaking
SPC 4930 Selected Topics Course (titles and topics vary each semester)

Communication Honors Program
The Honors Program in Communication provides an opportunity for exceptional undergraduate students in Communication to work closely with a faculty member in an intensive research experience. Each Honors student is required to complete and defend an undergraduate Honors Thesis. Application to the program ordinarily occurs during the second semester of the junior year or prior to completion of 90 semester hours. Admission to the program is based on the student's overall academic record, performance in communication courses, and recommendations of faculty. To be admitted to the program, a student should have at least a 3.5 GPA in all communication courses and a 3.0 cumulative GPA. Students are required to complete 3 hours of Honors Reading and 3 hours of Honors Thesis. Students interested in the Honors Program should consult the department for further information about admission and program requirements.
COMMUNICATION SCIENCES AND DISORDERS

: SPEECH-LANGUAGE-HEARING SCIENCE (LSH)
: AMERICAN SIGN LANGUAGE (DST)
: EDUCATIONAL INTERPRETING (ITT)

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : DEPARTMENT OF COMMUNICATION SCIENCES AND DISORDERS

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
Coordinator of Advising, Department of Communication Sciences and Disorders (813) 974-2006 or (813) 974-7428

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF (State Mandated Common Prerequisites)

Students are encouraged to complete the A.A. degree at the community college. Some courses required for the Speech-Language-Hearing (LSH) or Deaf Studies (DST) major may also meet General Education Requirements thereby transferring maximum hours to the university.

Students entering the university without an A.A. degree and fewer than 60 semester hours of acceptable credit, must meet the university’s entering freshman requirements including ACT and SAT test scores, GPA, and course requirements.

Students who plan to major in LSH and DST are encouraged to complete the following prerequisites during the program of study at the community college:

I. ANT 2000 Introduction to Anthropology 3
or
PSY 2012 Introduction to Psychology 3
or
SYG 2000 Introduction to Sociology 3

II. And each of the following:
BSC 1085 Human Anatomy & Physiology I 3
BSC 1085L Human Anatomy & Physiology I Lab 1
BSC 1086 Human Anatomy & Physiology II 3
BSC 1086L Human Anatomy & Physiology II Lab 1
or equivalent work such as:
BSC 2092 Human Anatomy & Physiology 5
STA 1023 Introduction to Statistics 4
(or equivalent)

III. Complete the foreign language requirement

NOTE: Students who select ASL as their foreign language and are seeking a bachelor of arts degree in DST are required by the Department of Communication Sciences and Disorders to complete satisfactorily at least one upper level course in ASL at the University of South Florida or to demonstrate proficiency in ASL.

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

Students are encouraged to join the USF chapter of the National Student Speech-Language-Hearing Association. This group is affiliated with the American Speech-Language -Hearing Association (ASHA) and has many membership benefits.

• Admission Requirements to the University Program of Study

Admission to the program of study for Interpreters Training (ITT) requirement: ability to use ASL at the intermediate level of a standardized ASL competency test such as the Sign Communication Proficiency Index (SCPI) or other equivalent evaluation. Completing a community college interpreter training program curriculum is highly recommended.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Major in Communication Sciences and Disorders

A. General Information and Upper-level Requirements for the Degree

All undergraduates seeking enrollment in this department must be in good academic standing as undergraduate students at the University of South Florida. Prior to beginning coursework in the junior year in the department, most students should complete general academic distribution requirements, successfully pass the CLAST, and have achieved 60 semester hours of coursework. Students with advising concerns relative to their first 60 semester hours are encouraged to meet with undergraduate departmental advisors since required and recommended courses for admission into the LSH or DST concentration will also meet other university requirements.

B. Prerequisites for Admission

1. Required Courses

BSC 1085 Human Anatomy and Physiology I
BSC 1085L Human Anatomy and Physiology I Lab
BSC 1086 Human Anatomy and Physiology II
BSC 1086L Human Anatomy and Physiology II Lab
or
BSC 2092 Human Anatomy and Physiology

2. Recommended Courses

LIN 3010 or LIN 3801 or CGS 2060
Courses in this category must be completed with a minimum grade of "C."

C. Other Requirements for the LSH Degree (min. 9 cr. hrs.)

1. Required Courses (6-7 cr. hrs.)

STA 2122 (3) or PSY 3213 (4) and ISS 3010 (3)
2. Additional Courses (3 cr. hrs.)
   SYG 2000 or ANT 2000 or equivalent

D. Speech-Language-Hearing Concentration (ISH) (min. 39 cr. hrs.)
   Coursework is sequenced for the LSH concentration in Speech-Language-Hearing Science. All students must complete study in basic
   knowledge of the communication sciences and in basic knowledge of communication disorders. Upon admission to the concentration, each student
   will be assigned an advisor to provide guidance in academic planning.
   The course of study includes:
   SPA 3002 (3) SPA 3110 (3) SPA 4222 (3)
   SPA 3004 (3) SPA 3112 (3) SPA 4562 (3)
   SPA 3011 (3) SPA 4050 (3) SPA 4632 (3)
   SPA 3030 (3) SPA 4201 (3)
   SPA 3010 (3) SPA 4210 (3)
   SPA 3612C (4) (Recommended)
   Students interested in teacher certification in deaf education must complete required education courses in addition to all CSD requirements listed
   under Sections B, C and D. Effective July, 1989, the academic requirement for employment in the public school system for Speech-Language
   Pathologists is the Master's degree.

E. Deaf Studies Concentration (DST) (min. 30 cr. hrs.)
   New students are not being admitted to the DST Major for the 2001/2002 year while the curriculum is being restructured.
   The DST concentration seeks to educate students to communicate with the deaf and to apply this knowledge in work settings where knowledge
   of the deaf culture is essential for the provision of social services. This DST concentration is not intended to prepare interpreters for the deaf although
   exceptionally proficient students may qualify as interpreters. This concentration also does not qualify students for admission into the M.S. programs
   in Speech-Language Pathology or Deaf Education, nor the Doctor of Audiology Program. Those students choosing to become teachers of the deaf
   must pursue the LSH concentration in Speech-Language-Hearing Science and obtain the M.S. degree in Aural Rehabilitation/Deaf Education.
   General admission requirements and recommendations for DST are identical to the LSH concentration in Speech-Language-Hearing Science.
   The specific course of study for the DST concentration also assumes that the student has completed an A.A. degree or its equivalency. Upon
   admission to the concentration, each student will be assigned an advisor for the purpose of academic planning. The following courses are included
   in the major:
   SPA 3002 (3) SPA 3310 (3) SPA 4614 (4)
   SPA 3004 (3) SPA 3612 (4) SPA 4617 (3)
   SPA 3030 (3) SPA 4613 (4) SPA 4632 (3)
   Other electives (6).

F. Interpreter Training Concentration (ITT)
   The ITT concentration seeks to educate students to become interpreters for deaf individuals. A program of 42 credit hours is planned for the
   student majoring in the Interpreter Training concentration. Course content is distributed across five categories of information and skills necessary
   for a career in Interpreting:
1. Role of the Interpreter in various settings
2. Cognitive, Psychosocial, and Language Development of Hearing and Deaf Children in Public Schools
3. Techniques and Applications of Interpreting
4. Professional Practices of the Interpreter
5. Internship
   General education requirements as well as liberal arts exit requirements for ITT are identical to those for DST and LSH concentrations. The
   specific course of study for the ITT concentration assumes that the student has completed an A.A. degree in Interpreter Training or its equivalent.
   Additionally, prerequisites include proficiency in ASL signing and interpreting skills. Upon admission to the concentration, each student will be
   assigned an advisor for the purpose of academic planning. Interested students should contact the coordinator of the Interpreter Training Program
   in the Department.
   The following courses are included in the major:
   SPA 3004 (3) SPA 3653L (1) SPA 4652 (3)
   SPA 3660 (3) SPA 3673 (3) SPA 4652 (3)
   SPA 3660L (1) SPA 4363 (3) SPA 4662L (1)
   SPA 3653 (3) SPA 3633L (1) SPA 4685 (3)
   EDF 3214 (3) EDF 3604 (3) EDF 4620 (3)
   EEX 4070 (2-3) EME 2040 (3) ISS 3010 (3)

Minimum Grade for Majors
   A student must receive a "C" grade or better in all courses within the major and those that are required prerequisites. Any student who receives
   a grade of "D" or lower in more than two USF Communication Sciences and Disorders courses will be automatically barred from continuing as an
   undergraduate major in LSH, DST, or ITT. Grade forgiveness may be used for two courses only and may be used only for course work taken in
   the first year of study. Courses that comprise the second year of the major may not be repeated.
Comprehensive Engineering

College: Engineering  School: None  Degree: Bachelor of Science in Computer Engineering  Program: Computer Engineering

Limited Access Program: No.

Campus(es) Where Offered/Contact:
Tampa / Coordinator of Advising, Engineering, (813) 974-2684
Lakeland (Partial) / Advisor, Engineering, (941) 667-7011
Sarasota (Partial) / Advisor, Engineering, (941) 359-4331

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

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

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Communications:
ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

Mathematics:
- USF C/C
- MAC 2281 MAC 2311* (4)
- MAC 2282 MAC 2312* (4)
- MAC 2283 MAC 2313* (4)
- MAP 2302 MAP 2302 (3)

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:
- USF C/C
- CHM 2045 CHM 1045* (3)
- CHM 2045L CHM 1045L* (1)
- PHY 2048 PHY 2048 (3)
- PHY 2048L PHY 2048L (1)
- PHY 2049 PHY 2049 (3)
- PHY 2049L PHY 2049L (1)

*or CHS 1440 Chemistry for Engineers

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

Procedures for Applying to the College of Engineering

Before declaring a particular major within the field of engineering, students must meet two sets of admission requirements: one for the College of Engineering and the other for the student's chosen degree program (see "College of Engineering Admission Requirements" and "Admission Requirements for Programs in Engineering" below). Students may apply to the College of Engineering upon initial entry to the University by declaring Engineering as their intended major on their admissions application. When a student is accepted to USF, engineering staff will review the necessary credentials and notify the applicant of his or her Engineering status.

USF students may apply through the Advising Office, in the College of Engineering. To be considered for admission to the College, an applicant must be accepted by the University as a degree-seeking student and be academically in good standing.

Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL score must be 550.

College of Engineering Admission Requirements

1. Freshmen:
   a. Test Scores:
      - SAT—combined score of 1050 minimum with a minimum quantitative of 550.
      - ACT—combined score of 25 minimum and mathematics of 25 minimum.
   b. High School Mathematics: Should include sufficient algebra and trigonometry to enter Engineering Calculus I.
   c. High School Grade Point Average of 2.5/4.0.

2. Transfer Students:
   a. Engineering
      Florida community college transfer students that have completed the courses shown below with a minimum grade of "C" are accepted directly into the College of Engineering.

Communications:
ENC 1101/1102 English I and II (6)

Mathematics:
- MAC 2311 Engineering Calculus I (4) or MAC 2281, MAC 2282, MAC 2283
- MAC 2312 Engineering Calculus II (4) or MAC 2281, MAC 2282, MAC 2283
- MAC X283 Engineering Calculus III (4) or MAC 2281, MAC 2282, MAC 2283
- MAP X302 Differential Equations (3)

Natural Sciences:
- CHM X045/X045L General Chemistry I (with lab) (4) or CHS 1440 Chemistry for Engineers
- PHY X048/X048L General Physics and Laboratory I (4)
- PHY X049/X049L General Physics and Laboratory II (4)

Humanities & Social Sciences:

Continued
Humanities Courses (6)
Social Science Courses (6)
Humanities or Social Sciences (3)
b. Computer Science
Transfer students into the Computer Science program from a Florida community college are not required to have Differential Equations, MAP X302, or any of the Chemistry courses indicated above.
c. Information Systems
Transfer students into the Information Systems program from a Florida community college are not required to have Calculus III, Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

All other transfer students should contact the College’s Admission Office (813/974-2684).

• Required Prerequisites for Entering Engineering programs
Once a student has been admitted to the College of Engineering, he/she must then seek admission into one of the specific departments.

The minimum requirements for acceptance by the departments administering the Engineering programs in Chemical, Civil, Electrical, Industrial and Mechanical Engineering are completion of English, Calculus, Differential Equations, Physics and Chemistry requirements.

The minimum requirements for admission to the Computer Engineering, Computer Science, and Information Systems programs offered by the Computer Science and Engineering Department are completion of English I & II, Physics I & II (and labs) and Calculus I & II with a grade point average of 3.0 or higher in those eight courses. Following departmental admission, it is necessary that a student complete the courses CDA 3100 (Computer Organization), and COP 3514 (Program Design) with a grade point average for all attempts of at least 3.0 prior to taking any other departmental courses.

Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Individual departments may have continuation requirements.

A student can have his or her academic records housed in a department and be advised by the department advisor prior to completing requirements for department admission if he or she so chooses. This type of student must still comply with all of the above-listed requirements prior to official acceptance by the department.

• Bachelor of Science in Computer Engineering Curriculum

Semester I
MAC 2281 Engineering Calculus I 4
ENC 1101 Composition I 3
EGN 3000 Fundamentals of Engineering 1
Social Science Elective 3
Historical Perspectives Elect. 3
Total 14

Semester II
MAC 2282 Engineering Calculus II 4
ENC 1102 Composition II 3
PHY 2048 General Physics I 3
PHY 2048L General Physics I Lab 1
CHM 2045 General Chemistry I 3
CHM 2045L General Chemistry Lab 1
Total 15

Summer Semester
MAC 2283 Engineering Calculus III 4
PHY 2049 General Physics II 3
PHY 2049L General Physics II Lab 1
COP 2510 Programming Concepts 3
Total 11

Semester III
CDA 3100 Computer Organization 3
COT 3100 Intro Discrete Str 3
COP 3514 Program Design 3
Social Science Elective 3
MAP 4302 Differential Equations 3
Total 15

Semester IV
EEL 4851 Data Structures 3
CDA 3201 Computer Logic Design 3
CDA 3201L Computer Logic Design Lab 1
EGN 3443 Engineering Statistics 3
EGN 3373 Electrical Sys. I 3
EGN 4450 Linear Systems 2
Total 15

Semester V
CDA 4205 Computer Architecture 3
EGN 4930 Eng. Econ. with Social & Global Implications 3
ALAMEA Elective 3
EGN XXXX Eng. Electronic Materials 3
CS&E Hardware Elective 4
Total 16

Semester VI
COP 4600 Operating Systems 3
CS&E Theory Elective 3
CS&E Hardware Elective 3
Science Elective 3
Fine Arts Elective 3
Total 15
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<td>Historical Perspectives Elect.</td>
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<td>CIS 4250</td>
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COMPUTER SCIENCE

COLLEGE: ENGINEERING
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE IN COMPUTER SCIENCE
PROGRAM: COMPUTER SCIENCE

LIMITED ACCESS PROGRAM: NO.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Engineering, (813) 974-2684
LAKELAND (Partial) / Advisor, Engineering, (941) 667-7011
SARASOTA (Partial) / Advisor, Engineering, (941) 359-4331

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

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

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

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<td>PHY X049/X049L</td>
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<td>or</td>
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*Introductory Programming in Ada, C, C++, or PASCAL or equivalent language.

Natural Sciences:

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<th>Course Name</th>
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<td>XXX XXXXX**</td>
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**Two (2) science courses for science majors.

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

• Procedures for Applying to the College of Engineering

Before declaring a particular major within the field of engineering, students must meet two sets of admission requirements: one for the College of Engineering and the other for the student’s chosen degree program (see “College of Engineering Admission Requirements” and “Admission Requirements for Programs in Engineering” below). Students may apply to the College of Engineering upon initial entry to the University by declaring Engineering as their intended major on their admissions application. When a student is accepted to USF, engineering staff will review the necessary credentials and notify the applicant of his or her Engineering status.

USF students may apply through the Advising Office, in the College of Engineering. To be considered for admission to the College, an applicant must be accepted by the University as a degree-seeking student and be academically in good standing.

Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL score must be 550.

• College of Engineering Admission Requirements

1. Freshmen:
   a. Test Scores:
      SAT—combined score of 1050 minimum with a minimum quantitative of 550.
      ACT—combined score of 25 minimum and mathematics of 25 minimum.
   b. High School Mathematics: Should include sufficient algebra and trigonometry to enter Engineering Calculus I.
   c. High School Grade Point Average of 2.5/4.0.

2. Transfer Students:
   a. Engineering
      Florida community college transfer students that have completed the courses shown below with a minimum grade of "C" are accepted directly into the College of Engineering.

      Communications:
      ENC 1101/1102 English I and II (6)

      Mathematics:
      MAC 2311 Engineering Calculus I (4) or MAC 2281, MAC 2282, MAC 2283
      MAC 2312 Engineering Calculus II (4) or MAC 2281, MAC 2282, MAC 2283
      MAC X283 Engineering Calculus III (4) or MAC 2281, MAC 2282, MAC 2283
      MAP X302 Differential Equations (3)

      Natural Sciences:
      CHM X045/X045L General Chemistry I (with lab) (4) or CHS 1440 Chemistry for Engineers
      PHY X048/X048L General Physics and Laboratory I (4)
      PHY X049/X049L General Physics and Laboratory II (4)

      Humanities & Social Sciences:
      Humanities Courses (6)
      Social Science Courses (6)
      Humanities or Social Sciences (3)

   b. Computer Science
      Transfer students into the Computer Science program from a Florida community college are not required to have Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

   c. Information Systems
      Transfer students into the Information Systems program from a Florida community college are not required to have Calculus III, Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

Continued
All other transfer students should contact the College's Admission Office (813/974-2684).

- **Required Prerequisites for Entering Engineering programs**
  
  Once a student has been admitted to the College of Engineering, he/she must then seek admission into one of the specific departments. The minimum requirements for acceptance by the departments administering the Engineering programs in Chemical, Civil, Electrical, Industrial and Mechanical Engineering are completion of English, Calculus, Differential Equations, Physics and Chemistry requirements.

  The minimum requirements for admission to the Computer Engineering, Computer Science, and Information Systems programs offered by the Computer Science and Engineering Department are completion of English I & II, Physics I & II (and labs) and Calculus I & II with a grade point average of 3.0 or higher in those eight courses. Following departmental admission, it is necessary that a student complete the courses CDA 3100 (Computer Organization), and COP 3514 (Program Design) with a grade point average for all attempts of at least 3.0 prior to taking any other departmental courses.

  Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Individual departments may have continuation requirements.

  A student can have his or her academic records housed in a department and be advised by the department advisor prior to completing requirements for department admission if he or she so chooses. This type of student must still comply with all of the above-listed requirements prior to official acceptance by the department.

**Bachelor of Science in Computer Science Curriculum**

**Semester I**
- MAC 2281 Engineering Calculus I 4
- ENC 1101 Composition I 3
- EGN 3000 Fundamentals of Eng 1
- Science Elective 3
- Social Science Elective 3
- Total 14

**Semester II**
- MAC 2282 Engineering Calculus II 4
- PHY 2048 General Physics I 3
- PHY 2048L General Physics I Lab 1
- ENC 1102 Composition II 3
- COP 2510 Programming Concepts 3
- Total 14

**Summer Semester**
- MAC 2283 Engineering Calculus III 4
- PHY 2049 General Physics II 3
- PHY 2049L General Physics II Lab 1
- Historical Perspectives Elect 3
- Total 11

**Semester III**
- CDA 3100 Computer Organization 3
- COT 3100 Intro Discrete Str 3
- COP 3514 Program Design 3
- Historical Perspectives Elect 3
- Total 12

**Semester IV**
- EEL 4851 Data Structures 3
- CDA 3201 Computer Logic Design 3
- CDA 3201L Computer Logic Design Lab 1
- EGN 4450 Linear Systems 2
- STA 4442 Intro to Probability 3
- Fine Arts Elective 3
- Total 15

**Semester V**
- CDA 4205 Computer Architecture 3
- COP 4600 Operating Systems 3
- CS&E Theory Elective 3
- Science Elective 3
- Social Science Elective 3
- Total 15

**Semester VI**
- CS&E Theory Elective 3
- CS&E Software Elective 6
- CS&E Elective 6
- Total 15

**Semester VII**
- ENC 3211 Engr. Communications 3
- ALAMEA Elective 3
- CS&E Elective 6
- Total 12

**Semester VIII**
- CIS 4250 Ethical Issues 3
- Humanities, Social Science or Fine Arts Elective 3
- CS&E Elective 6
- Total 12
CRIMINOLOGY

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
LAKELAND / Advisor, Arts and Sciences, (814) 667-7011
SARASOTA / Advisor, Arts and Sciences, (813) 359-4331
ST. PETERSBURG / Advisor, Arts and Sciences, (813) 893-9507

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

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

Transfer students should be aware that by university regulation they are obligated to establish academic residency by completing the equivalent of one academic year (30 semester hours) in “on-campus” courses. All undergraduate transfer students electing Criminology as their major will be required, moreover, to take a minimum of 30 credit hours in major coursework at the University of South Florida.

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Major in Criminology:

A minimum of 36 semester hours is required of all undergraduate majors in Criminology including:

1. Each of the following core courses:
   CCJ 3024 (3)*
   CCJ 3610 (3)*
   CCJ 3701 (3)**
   CCJ 4934 (3)
2. At least two of the following substantive courses:
   CCJ 3204 (3)
   CCJ 4110 (3)
   CCJ 4273 (3)
   CCJ 4306 (3)
   CCJ 4501 (3)
3. 18 semester hours of electives within the major.

* These are gateway courses and are required for all other coursework in the major or minor; therefore, they need to be taken first.

**Students who plan to continue on to graduate school must also take CCJ 4700 as one of their electives within the major.

NOTE: No more than six (6) of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major.

These residence requirements are designed to insure that transfer students who subsequently receive their baccalaureate degree from the University of South Florida with a major in Criminology will have been exposed to the same body of knowledge in their major as those students who complete all or a major portion of their coursework at the University of South Florida.

Any student who receives a grade of “D” or lower in more than one USF CCJ course will be automatically barred from continuing as a Criminology major.
DANCE

COLLEGE : FINE ARTS
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTIONS/TRACKS : DANCE STUDIES

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
   TAMPA only / Coordinator of Advising, Fine Arts, (813) 974-3660

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
   (State Mandated Common Prerequisites)
   The College of Fine Arts encourages students to complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

   Students are encouraged to complete the following required courses and/or electives (if available) during the program of study at the community college. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

   Prerequisites for B.A. in Dance
   DAN 1603 or DAN 2610
   TPA 2200 or TPA 2223 or TPA 2232
   DAA X200-X209 - up to 10 credit hours of any lower level Ballet Technique courses within the 200-209 taxonomy
   DAA X100-X109 - up to 10 credit hours of any lower level Modern Technique courses within the 100-109 taxonomy

   Although credit toward the major will be given for these courses, placement in upper level technique classes will continue to be based on individual proficiency. Other technique courses in other styles of dance may be accepted toward the major on a case-by-case basis at the discretion of the university. Transfer dance credits must be presented for evaluation by faculty and dance advisor at time of entrance.

   Transfer dance credits must be presented for evaluation by faculty and dance advisor at time of entrance.

   - Admission Requirements to the University Program of Study
     Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

   - B.A. Degree in Dance Studies
     The B.A. in Dance Studies is designed to provide students with a comprehensive core of study in dance (Technique, Creative Studio Studies, Theory) while encouraging the development of an individualized program of study through the selection of general education requirements as well as a focused selection of elective courses. The selection of electives should be designed to provide each student with the maximum value of a liberal arts education within a focused area of study. A student with additional interest in another field (i.e. African Studies, Anthropology, Communications, Women’s Studies, Theatre, History, Religious Studies, Psychology, etc.) should complete focused study in that area along with the core of study in dance. Each student would be required to develop a final independent project incorporating dance with his or her focused study.

   Coursework to be taken at USF
   Studio Technique (20 semester hours)
   DAA 3108 Modern II (6)
   or
   DAA 3109 Modern III (6)
   DAA 3208 Ballet II (6)
   DAA 3209 Ballet III (6)
   DAA 3394 World Dance (2)

   Creative Studio Studies (13 semester hours)
   DAA 3624 Dance Improvisation (2)
   DAA 3614 Choreography I (2)
   DAA 3615 Choreography II (2)
   DAA 4616 Choreography III (2)
   DAA 4617 Choreography IV (2)
   DAA 3480 Jr. Performance Project (1)
   DAA 3686 Performance (1)
   DAN 4906 Independent Research Project (1)

   Dance Theory (23 semester hours)
   DAN 2160 Entry Seminar (2)
   DAN 3594 Practicum in Dance (1)
   TPA 2200 Intro to Technical Theatre (3)
   DAN 3614 Music for Dance I (2)
   DAN 3615 Music for Dance II (2)
   DAN 3714 Dance Kinesiology (3)
   DAN 4134 Dance History Through the 19th Century (3)
   DAN 4135 20th Century Dance History (3)
   DAN 4930 Research in Dance (2)
   DAN 4181 Dance Senior Seminar (2)

   Focused Electives (15-17 semester hours)
DANCE

COLLEGE: FINE ARTS
SCHOOL: NONE
DEGREE: BACHELOR OF FINE ARTS
OPTIONS/TRACKS: PERFORMANCE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Fine Arts, (813) 974-3660

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
The College of Fine Arts encourages students to complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

Students are encouraged to complete the following required courses and/or electives (if available) during the program of study at the community college. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

Prerequisites for B.F.A. in Dance
DAN 2610 or DAN 2600
DAN 2611 or DAN 2601
DAA 2700
DAA 2701
DAA 2480 - or any lower level Repertory courses in the 400-499 series up to 4 credit hours
DAA 2481 - or any lower level Repertory courses in the 400-499 series up to 4 credit hours
DAA X200-X209 - up to 8 credit hours of any lower level Ballet Technique courses within the 200-209 taxonomy
DAA X100-X109 - up to 8 credit hours of any lower level Modern Technique courses within the 100-109 taxonomy

Although credit toward the major will be given for these courses, placement in upper level technique classes will continue to be based on individual proficiency. Other technique courses in other styles of dance may be accepted toward the major on a case-by-case basis at the discretion of the university. Transfer dance credits must be presented for evaluation by faculty and dance advisor at time of entrance.

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a limited access program with the above courses recommended.

Requirements for the B.F.A. Degree in Performance
The BFA in Dance Performance, (Ballet and Modern) offers professional preparation, which includes extensive study in Studio Technique, Choreographic Studies and Dance Theory. The focus of this degree is the development of dancers who will enter the professional world of dance/arts as performers and choreographers. Beyond the expectations for continuing opportunities for performance, students selecting the BFA will develop and present solo and group Senior Choreographic Projects.

The BFA is a limited access program. Students must participate in a selective admissions procedure. At the end of their first year, students will be assessed by Dance faculty to determine eligibility.

Modern Dance Focus

Studio Technique (28 semester hours)
DAA 3209 Ballet III (6)
DAA 3109 Modern III (6)
DAA 4111 Modern IV (6)
DAA 3394 World Dance (2)
Elective Dance Technique (6)

Creative Studio (17 semester hours)
DAA 3624 Dance Improvisation (2)
DAA 3614 Choreography I (2)
DAA 3615 Choreography II (2)
DAA 4616 Choreography III (2)
DAA 4617 Choreography IV (2)
DAA 3480 Jr. Performance Project* (1)
DAA 4687 Performance/Repertory (5)
DAA 4694 Senior Choreographic Project (1)
*Concurrent enrollment in Dance Technique

Dance Theory (27 semester hours)
DAN 2160 Entry Seminar (2)
DAN 3584 Practicum in Dance Production (1)
TPA 2200 Introduction to Technical Theatre I (3)
DAN 3614 Music for Dance I (2)
DAN 3615 Music for Dance II (2)
DAN 4404 Laban Movement Analysis (3)
DAN 3714 Dance Kinesiology (3)
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<td>DAN 4135</td>
<td>20th Century Dance History</td>
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<td>DAE 4340</td>
<td>Dance Pedagogy: Secondary Curriculum and Methods</td>
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<td>DAN 4181</td>
<td>Dance Senior Seminar</td>
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Non-Dance Electives: (9)

**Ballet Focus**

**Studio Technique (30 semester hours)**
- DAA 3209 Ballet III         (6)
- DAA 4211 Ballet IV          (8)
- DAA 3294 Ballet Variations/Pointe (2)
- DAA 3109 Modern III         (6)
- DAA 3394 World Dance        (2)

Elective Dance Technique: (6)

**Creative Studio Studies (17 semester hours)**
- DAA 3624 Dance Improvisation (2)
- DAA 3614 Choreography I      (2)
- DAA 3615 Choreography II     (2)
- DAA 4616 Choreography III    (2)
- DAA 4617 Choreography IV     (2)
- DAA 3480 Jr. Performance Project* (1)
- DAA 4687 Performance/Repertory* (5)
- DAA 4694 Senior Choreographic Project (1)

*Concurrent enrollment in Dance Technique

**Dance Theory (27 semester hours)**
- DAN 2160 Entry Seminar       (2)
- DAN 3584 Practicum in Dance Production (1)
- TPA 2200 Introduction to Technical Theatre I (3)
- DAN 3614 Music for Dance I    (2)
- DAN 3615 Music for Dance II   (2)
- DAN 4410 Laban Movement Analysis (3)
- DAN 3714 Dance Kinesiology    (3)
- DAN 4134 Dance History Through the 19th Century (3)
- DAN 4135 20th Century Dance History (3)
- DAE 4340 Dance Pedagogy: Secondary Curriculum and Methods (3)

or
- DAE 4310 Dance Pedagogy: Pre-School and Elementary Methods (3)
- DAN 4181 Dance Senior Seminar (2)

Non-Dance Electives: (7)
DANCE EDUCATION

COLLEGE : FINE ARTS
SCHOOL : NONE
DEGREE : BACHELOR OF SCIENCE
OPTIONS/TRACKS : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Fine Arts, (813) 974-3660

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF (State Mandated Common Prerequisites)

Students should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

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

These prerequisites must be met by transfer students as well as USF students. A grade of “C” is the minimum acceptable grade.

EDF X005 Introduction to Education 3
EDG 2701 Teaching Diverse Populations 3
EME 2040 Introduction to Educational Technology 3

(equivalent course or demonstrated competency may be substituted)

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently enrolled for his/her degree. Professional education courses taken at the community college will transfer as general electives.

Students must also take courses in the following areas, which may meet General Education Requirements as well as fulfill Prerequisites:

- Communications, including a speech course (9 hours minimum)
- Mathematics, excluding MAT 1033 and a computer course (9 hours minimum);
- Natural and/or physical sciences, with at least one associated lab (9 hours minimum, including lab)
- Humanities (9 hours minimum); and
- Social sciences, including a psychology or human growth and development course (9 hours minimum)

- Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

- Requirements for the B.S. Degree in Dance Education

Studio Technique (14 Semester hours minimum)

Note: Of the 12 hours in Ballet and Modern Dance, 6 hours must be in Ballet; 6 hours must be in Modern Dance, and at least 3 of these hours must be at level III or IV. Based on the student’s progress in technique development, courses may include:

DAA 3108 Modern II (3)
DAA 3109 Modern III (3)
DAA 3208 Ballet II (3)
DAA 3209 Ballet III (3)
DAA 4111 Modern IV (3)
DAA 4211 Ballet IV (4)

Additional Required Studio Technique Courses Include:

DAA 2352 Ethnic/Folk Dance (2)

Creative Studio Studies (10 semester hours)

DAA 3624 Dance Improvisation (2)
DAA 3614 Choreography I (2)
DAA 3615 Choreography II (2)
DAA 4616 Choreography III (2)
DAA 3480 Jr. Performance Project* (1)
DAA 3686 Performance (1)

*Concurrent enrollment in Dance Technique

Dance Theory (21 semester hours)

DAN 2160 Entry Seminar (2)
TPA 2200 Introduction to Technical Theatre I (3)
DAN 3614 Music for Dance I (3)
DAN 3615 Music for Dance II (3)
DAN 3714 Dance Kinesiology (3)
DAA 4404 Laban Movement Analysis (2)
DAN 4134 Dance History Through the 19th Century (3)
DAN 4135 20th Century Dance History (3)

(All Dance Majors are required to participate in Dance Practicum (DAN 3584) during their first year in the program.)

Department of Education Professional Prerequisites

(9 semester hours)

EDF 2005 Introduction to Education (3)
EDG 2701 Teaching Diverse Populations (3)
EME 2040 Introduction to Educational Technology (3)

Continued
### Professional Preparation

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<td>or</td>
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<td>Integration of Exceptional Students in the Regular Classroom</td>
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<td>Measurement for Teachers</td>
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<td>DAE 4936</td>
<td>Senior Seminar in Dance Education</td>
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EARLY CHILDHOOD EDUCATION (For certification Age 3 through Grade 3)

COLLEGE : EDUCATION
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM: YES - THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Program Director, Undergraduate Advising, Education, (813) 974-2458
St. Petersburg / Advisor, Education (813) 893-1581

• Program of Study at the Community College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

These prerequisites must be met by transfer students as well as USF students. A grade of “C” is the minimum acceptable grade.

EDF X005 Introduction to Education 3
EDG 2701 Teaching Diverse Populations 3
EME 2040 Introduction to Educational Technology* 3

*equivalent course or demonstrated competency may be substituted

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under "Preliminary Requirements for Students Entering Teacher Education Programs" on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

Students entering as freshman in Fall 2001 must also take courses in the following areas, which may meet General Education Requirements as well as fulfill Prerequisites:

- Nine (9) semester hours in English to include writing, literature, and speech
- Nine(9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory
- Nine(9) semester hours in mathematics to include college algebra or above and geometry
- Twelve (12) semester hours in social sciences to include American history and general psychology
- Six (6) semester hours in the humanities, including philosophy and fine arts

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required. Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST.

Professional education courses taken at the community college will transfer as general electives.

Introduction/General Psychology and Sociology are recommended.

• Requirements for the B.S. Degree

Professional Education Core (33 cr. hrs.):

EDC 4111 Child Growth and Learning 3
EEC 4940 Senior Internship and Seminar 10-12
EEC 4936 Senior Seminar 2
EEC 4941 Field Experience I 3
EEC 4942 Field Experience II 3
EEC 4943 Field Experience III 3
EEX 4200 Young Children With Special Needs 3
EEX 4230 Assess., Eval., Reporting Progress 3
FLE 4315 Teaching LEP Students K-12 3
FLE 4316 Language Principles and Acquisition 2

Specialization (30 cr. hrs.):

EEC 4008 Literature in Early Childhood Education (Exit) 3
EEC 4203 Programs for Young Children 3
EEC 4211 Integrated Curriculum: Science and Mathematics 3
EEC 4212 Integrated Curriculum: Social Sciences/Humanities & Art 3
EEC 4300 Cognitive Experiences for Young Children 3
EEC 4303 Creative and Affective Experiences for Young Children 3
EEC 4408 Child, Family & Teacher Relations 3
EEC 4706 Language and Emerging Literacy 3
HSC 3301 Health, Safety, Nutrition and Motor Skills for the Young Child 3
RED 4310 Early Literacy Learning 3

The order in which these courses are to be taken is spelled out in the program of study.
ECONOMICS

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
SARASOTA (Partial) / Advisor, Arts and Sciences, (941) 359-4331

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

- ECO X013 Economic Principles: Macroeconomics
- ECO X023 Economic Principles: Microeconomics
- or ECO XXXX and ECO XXXX

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

• Requirements for the Major in Economics
A student may earn a Bachelor of Arts degree with a major in Economics by satisfactorily completing 33 credits in Economics in addition to college requirements. The 33 credits must include:

- ECO 2013 Economic Principles: Macroeconomics (3)
- ECO 2023 Economic Principles: Microeconomics (3)
- ECO 3101 Intermediate Price Theory (3)
- ECO 3203 Intermediate Macroeconomics (3)
- ECO 4935 Economic Statistics (3)
- or QMB 3200 Business and Economics Statistics II (3)
- Economics electives numbered 3000 or higher (18)

ECO 3100, Managerial Economics, may be substituted for ECO 3101. Students may not take both ECO 3100 and ECO 3101 for credit. Either ECO 1000 (if taken before both ECO 2013 and ECO 2023) or QMB 2100 (if taken as a prerequisite to QMB 3200) may be substituted for a maximum of 3 hours of upper level elective credit.

Students must obtain a grade of “C” or higher in ECO 3101 or ECO 3100 in order to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite. At least 9 of the 18 hours of upper level economics electives must be in courses for which either ECO 3101, ECO 3100 or ECO 3203 is a prerequisite.

No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914.

At least 12 hours must be taken in residence at USF.

Grades of “C” or better in ECO 2013 and ECO 2023 are required for graduation with a major in Economics.

Economics majors working at the regional campuses may not be able to fulfill all economics course requirements at those campuses.
ECONOMICS

COLLEGE: BUSINESS ADMINISTRATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS, BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: YES—THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Director of Advising, Business Administration, (813) 974-4290
- LAKELAND (Partial) / Advisor, Business Administration, (863) 667-7011
- SARASOTA (Partial) / Advisor, Business Administration, (941) 359-4331/4330
- ST. PETERSBURG (Partial) / Advisor, Business Administration, (727) 553-9542

Program of Study at a Florida Community/Junior College for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
The State of Florida has identified common course prerequisites for the College of Business Administration degree programs. These prerequisites are required for admission to the upper-division program and normally must be completed by the student prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following common prerequisites or their substitutions are necessary for admission to the College of Business Administration upper-division degree programs:

- ACG X021 Financial Accounting (or ACG X001 & ACG X011)
- ACG X071 Managerial Accounting (not required of students majoring in Accounting)
- CGS X100 Computers in Business (or acceptable substitute)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100

Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the college of Business Administration.

Students should not take finance, management, or marketing courses at the community college which are offered at the upper division level at USF. Such courses are not accepted as substitutes for upper-level requirements without proper validation after enrolling in the College of Business Administration. Without validation, such courses transfer as elective credits.

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required.

To be admitted to the College of Business Administration, the student must first be accepted to the University of South Florida. Additionally, students must have completed a minimum of 60 semester hours, earned a minimum 2.5 cumulative grade point average on all college-level work and minimum 2.0 on all credit attempted at USF including any prior to renewal. In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business except GEB 4890; provided they have completed 60 semester hours and have met course prerequisites. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

Program of Study at the University
The foundation courses common to all majors in business consists of the 18 hours of prerequisites plus the following (three-hour) courses:

- ACG 2021 Principles of Financial Accounting (3)
- ACG 2071 Principles of Managerial Accounting (3)
- ECO 2013 Economic Principles: Macroeconomics (3)
- ECO 2023 Economic Principles: Microeconomics (3)
- QMB 2100 Business & Economic Statistics I (3)
- BUL 3320 Law and Business I (3)
- ECO 3100 Managerial Economics (3)
- FIN 3403 Principles of Finance (3)
- ISM 3011 Information Systems in Organizations (3)
- QMB 3200 Business & Economic Statistics II (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)
- GEB 4890 Strategic Mgmt/Decision Making (3)

Requirements for the B.A./B.S. Degree: Within the 120 semester hour program as listed in the General Requirements section, students must complete a minimum of 18 hours of upper-level economics beyond the foundation courses for business.

Required Economics Courses:

- ECO 3203 Intermediate Macroeconomics (3)
- 15 hours of upper-level economics courses (15)
- At least 9 hours must be in courses for which ECO 3100, ECO 3101 or ECO 3203 is a prerequisite.
- Total 18

Students must obtain a grade of "C" or higher in ECO 3100 Managerial Economics or ECO 3101 Intermediate Price Theory to enroll in any course for which ECO 3100 or ECO3101 is a prerequisite. Students may not take both ECO 3100 and ECO 3101 for credit. No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914. At least 12 hours must be taken in residence at USF.
ELECTRICAL ENGINEERING

COLLEGE: ENGINEERING
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Coordinator of Advising, Engineering, (813) 974-2884
- LAKELAND (Partial) / Advisor, Engineering, (941) 667-7011
- SARASOTA (Partial) / Advisor, Engineering, (813) 359-4331

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

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

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

The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Communications:
- ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

Mathematics:
- MAC 2281 MAC 2311* (4)
- MAC 2282 MAC 2312* (4)
- MAC 2283 MAC 2313* (4)
- MAP 2302 MAP 2302 (3)

Natural Sciences:
- CHM 2045 CHM 1045* (3)
- PHY 2048 PHY 2048L (1)
- PHY 2049 PHY 2049L (1)

* or MAC 2281, MAC 2282, MAC 2283

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

Procedures for Applying to the College of Engineering

Before declaring a particular major within the field of engineering, students must meet two sets of admission requirements: one for the College of Engineering and the other for the student’s chosen degree program (see “College of Engineering Admission Requirements” and “Admission Requirements for Programs in Engineering” below). Students may apply to the College of Engineering upon initial entry to the University by declaring Engineering as their intended major on their admissions application. When a student is accepted to USF, engineering staff will review the necessary credentials and notify the applicant of his or her Engineering status.

USF students may apply through the Advising Office, in the College of Engineering. To be considered for admission to the College, an applicant must be accepted by the University as a degree-seeking student and be academically in good standing.

Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL score must be 550.

College of Engineering Admission Requirements

1. Freshmen:
   a. Test Scores:
      - SAT—combined score of 1050 minimum with a minimum quantitative of 550.
      - ACT—combined score of 25 minimum and mathematics of 25 minimum.
   b. High School Mathematics: Should include sufficient algebra and trigonometry to enter Engineering Calculus I.
   c. High School Grade Point Average of 2.5/4.0.

2. Transfer Students:
   a. Engineering
      Florida community college transfer students that have completed the courses shown below with a minimum grade of "C" are accepted directly into the College of Engineering.

Communications:
- ENC 1101/1102 English I and II (6)
Mathematics:
- MAC 2311 Engineering Calculus I (4) or MAC 2281, MAC 2282, MAC 2283
- MAC 2312 Engineering Calculus II (4) or MAC 2281, MAC 2282, MAC 2283
- MAC X283 Engineering Calculus III (4) or MAC 2281, MAC 2282, MAC 2283
- MAP X302 Differential Equations (3)
Natural Sciences:
- CHM X045/X045L General Chemistry I (with lab) (4) or CHS 1440 Chemistry for Engineers

Continued
USF UNDERGRADUATE DEGREE REQUIREMENTS - 2001/2002

PHY X048/X048L General Physics and Laboratory I (4)
PHY X049/X049L General Physics and Laboratory II (4)

Humanities & Social Sciences:
  Humanities Courses (6)
  Social Science Courses (6)
  Humanities or Social Sciences (3)

b. Computer Science
  Transfer students into the Computer Science program from a Florida community college are not required to have Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

c. Information Systems
  Transfer students into the Information Systems program from a Florida community college are not required to have Calculus III, Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

All other transfer students should contact the College’s Admission Office (813/974-2684).

- **Required Prerequisites for Entering Engineering programs**
  Once a student has been admitted to the College of Engineering, he/she must then seek admission into one of the specific departments.
  The minimum requirements for acceptance by the departments administering the Engineering programs in Chemical, Civil, Electrical, Industrial and Mechanical Engineering are completion of English, Calculus, Differential Equations, Physics and Chemistry requirements.
  The minimum requirements for admission to the Computer Engineering, Computer Science, and Information Systems programs offered by the Computer Science and Engineering Department are completion of English I & II, Physics I & II (and labs) and Calculus I & II with a grade point average of 3.0 or higher in those eight courses. Following departmental admission, it is necessary that a student complete the courses CDA 3100 (Computer Organization), and COP 3514 (Program Design) with a grade point average for all attempts of at least 3.0 prior to taking any other departmental courses.
  Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Individual departments may have continuation requirements.
  A student can have his or her academic records housed in a department and be advised by the department advisor prior to completing requirements for department admission if he or she so chooses. This type of student must still comply with all of the above-listed requirements prior to official acceptance by the department.

- **Bachelor’s Curriculum - Electrical Engineering**

  **Semester 1**
  ENC 1101 Composition, I  3
  MAC 2281 Eng. Calculus I  4
  Social Science Elective  3
  Fine Arts Elective  3
  EGN 2082 History of Electrotechnology  3
  Total  16

  **Semester 2**
  ENC 1102 Composition II  3
  MAC 2282 Eng. Calculus II  4
  PHY 2048 Physics I  3
  PHY 2048L Physics Lab I  1
  CHM 2045 Chemistry I  3
  CHM 2045L Chemistry Lab I  1
  EGN 3000 Foundations of Engineering  1
  Total  16

  **Semester 3**
  MAC 2283 Eng. Calculus III  4
  PHY 2049 Physics II  3
  PHY 2049L Physics Lab II  1
  EGN 3443 Eng. Prob. and Statistics  3
  EGN 3613 Eng. Econ.  3
  Total  14

  **Semester 4**
  MAP 2302 Differential Equations  3
  EGN XXXX Engineering Analysis  3
  EGN 3373 Electrical Systems I  3
  EEL 2161 EE Computing Methods  3
  EGN XXXX Eng. Electronic Materials  3
  Total  15

  **Summer Term**
  EGN 2031 History of Technology  3
  EEL XXXX Elec. Systems Environments  3
  ENC 3211 Comm. for Engineers  3
  Total  9

  **Semester 5**
  EEL 3100 Network Analysis  3
  EEL 4705 Logic Design  3
  EEL 4705L Logic Lab  1
  EEL 3301L Lab I (Curcuits)  1
  EEL 4472 Electromagnetics  3
  EEL 4351 Semiconductor Devices  3
  Total  14

  **Semester 6**
  EEL 4102 Linear Systems Anal.  3
  EEL 3375 Indus. Mach. & Power Appl.  3
  EEL 4744 Microprocessors  3
  EEL 4744L Microprocessor Lab  1

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<td>EEL 3302L</td>
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*This course fulfills a Major Works/Major Issues Requirement.

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ELEMENTARY EDUCATION

COLLEGE : EDUCATION
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM: YES - THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Program Director, Undergraduate Advising, Education, (813) 974-2458
- LAKELAND / Advisor, Education, (941) 667-7011
- SARASOTA / Advisor, Education, (941) 359-4331
- ST. PETERSBURG / Advisor, Education, (813) 893-1581

- Program of Study at the Community College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)
  These prerequisites must be met by transfer students as well as USF students. A grade of “C” is the minimum acceptable grade.
  - EDF X005 Introduction to Education 3
  - EDG 2701 Teaching Diverse Populations 3
  - EME 2040 Introduction to Educational Technology* 3
  *equivalent course or demonstrated competency may be substituted

- Nine (9) semester hours in English to include writing, literature, and speech
- Nine(9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory
- Nine(9) semester hours in mathematics to include college algebra or above and geometry
- Twelve (12) semester hours in social sciences to include American history and general psychology
- Six (6) semester hours in the humanities, including philosophy and fine arts

- Admission Requirements to the University Program of Study
  Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required.
  Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST.
  Professional education courses taken at the community college will transfer as general electives.

- Requirements for the B.S. Degree
  Professional Education Core (29 credit hours)
  The required courses in the professional education core are as follows:
  - EDF 3122 Learning and the Developing Child (3)
  - EDF 3604 Social Foundations of Education(Exit) (3)
  - EDG 4620 Curriculum and Instruction (3)
  - EDF 4430 Measurement for Teachers (3)
  - EEX 4070 Integrating Exceptional Students in the Regular Classroom (2)
  - EDE 4301 Teaching Methods in the Elementary School (3)
  - EDE 4942 Childhood Education Internship Level II (6)
  - HLP 4722 Health and Physical Education for the Child (2)
  - LAE 4416 Literature and Writing (3)
  - MAE 4310 Teaching Elementary School Mathematics I (3)
  - MAE 4326 Teaching Elementary School Mathematics II (2)
  - MUE 4210 Music For The Child (3)
  - RED 4310 Early Literacy Learning (3)
  - RED 4511 Literacy in the Intermediate and Middle Grades (3)
  - SCS 4310 Teaching Elementary School Science (3)
  - SSE 4313 Teaching Elementary School Social Studies (3)

  Please be advised that the information above is subject to change. Please contact an academic advisor in the College of Education at the University of South Florida for the most current information.
ENGLISH

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS
OPTIONS/TRACKS: ENGLISH AND AMERICAN LITERATURE; PROFESSIONAL AND TECHNICAL WRITING;
CREATIVE WRITING: POETRY AND FICTION

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
- SARASOTA (Partial) / Advisor, Arts and Sciences, (941) 359-4331
- ST. PETERSBURG / Advisor, Arts and Sciences, (813) 893-9507

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

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

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

ENC 1101 Composition I
ENC 1102 Composition II

or

Six semester hours earned in courses taught in the English Department, each with 6,000 words of evaluated writing for a total of 12,000 words.

Suggested electives:
- AMH 2010 American History I (3)
- AMH 2020 American History II (3)
- EUH 2021 Medieval History I (3)
- EUH 2022 Medieval History II (3)

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the University. This is a non-limited access program with the above courses recommended.

Requirements for the Major in English:
The program in English provides options in English and American literature, creative writing, and professional and technical writing. The literature option covers the major periods of English and American literature. The creative writing option includes training in writing and coverage of English and American literature. The professional and technical writing option combines the study of English and American literature with an introduction to writing found in the professional workplace. The English Education program is described under the section for the College of Education. Major requirements for English majors are listed below. A grade of “D” will not be counted toward fulfilling the major requirements. Students may not use more than one Directed Study toward meeting the major requirements.

OPTION I: English and American Literature.
Twelve courses (36 hrs.) as follows:

Two of the following:
- AML 3031 American Literature to 1860 (3)
- AML 3032 American Literature 1860-1912 (3)
- AML 3051 American Literature 1912-1945 (3)

Four of the following:
- ENL 3015 British Literature to 1616 (3)
- ENL 3230 British Literature 1616-1780 (3)
- ENL 3251 British Literature 1780-1900 (3)
- ENL 3273 British Literature 1900-1945 (3)
- ENL 3331 Early Shakespeare (3)

or
- ENL 3332 Late Shakespeare (3)

Five of the following, at least two of which must be from Group A:

Group A:
- AML 4111 Nineteenth Century American Novel (3)
- AML 4121 Twentieth Century American Novel (3)
- ENL 4122 British Novel Through Hardy (3)
- ENL 4132 British Novel: Conrad to the Present (3)
- ENL 4311 Chaucer (3)
- ENL 4338 Advanced Studies in Shakespeare (3)
- ENL 4341 Milton (3)
- LIT 3101 Literature of the Western World Through the Renaissance (3)
- LIT 3102 Literature of the Western World Since the Renaissance (3)

Group B:
- AML 3031 American Literature to 1860 (3)
- AML 3032 American Literature 1860-1912 (3)

Continued
AML 3051  American Literature 1912-1945 (3)
AML 3604  African American Literature (3)
AML 4261  Literature of the South (3)
AML 4330  Selected American Authors (3)
ENG 4080  History of the English Language (3)
ENL 3015  British Literature to 1616 (3)
ENL 3230  British Literature 1616-1780 (3)
ENL 3251  British Literature 1780-1900 (3)
ENL 3273  British Literature 1900-1945 (3)
ENL 3331  Early Shakespeare (3)
ENL 3332  Late Shakespeare (3)
ENL 4303  Selected British Authors (3)
LIN 4671  Traditional English Grammar (3)
LIN 4680  Structure of American English (3)
LIT 3022  Modern Short Novel (3)
LIT 3043  Modern Drama (3)
LIT 3073  Contemporary Literature (3)
LIT 3144  Modern European Novel (3)
LIT 3374  The Bible as Literature (3)
LIT 3410  Religious and Existential Themes (3)
LIT 3700  Survey of Poetry (3)
LIT 4930  Selected Topics in English Studies (3)

Also required:

ENG 4013  Literary Criticism (3)

OPTION II: Creative Writing.

This option is designed for aspiring writers of fiction or poetry. In addition to giving credit for writing through a variety of course offerings, it provides information about procedures for publishing.

Writing Requirements:

- CRW 3111  Form and Technique of Fiction (3)
- or
- CRW 2100  Narration and Description (3)
- CRW 3311  Form and Technique of Poetry (3)

Any three of the following:

- CRW 3112  Fiction I (3)
- CRW 3121  Fiction II (3)
- CRW 3312  Poetry I (3)
- CRW 3321  Poetry II (3)
- CRW 4120  Fiction III (3)
- CRW 4320  Poetry III (3)
- CRW 4930  Selected Topics in Creative Writing (3)

Note: CRW 2100 or CRW 3111 must be taken before any other courses in the Fiction series, and CRW 3311 must be taken before any other courses in the Poetry series.

Literature Requirements:

The student must select seven literature courses from those listed in OPTION I. Two courses must be from group "1," two more from group "2," and three from group "3."

OPTION III: Professional and Technical Writing.

This 36-hour program allows undergraduates to concentrate their studies in professional writing, wherein they will master special writing skills demanded by industry, business, government, and the professions. Semester-long internships may be arranged by the English Department with local businesses, industries, and professional organizations. Interns will earn three credit hours and, in some cases, receive compensation for their duties.

Students choosing this concentration will also assure themselves of a core of liberal arts studies since they must take 21 credit hours of literature courses in addition to 15 hours of composition courses.

Composition requirements:

Five of the following:

- CRW 2100  Narration and Description (3)
- ENC 2210  Technical Writing (3)
- ENC 3213  Professional Writing (3)
- ENC 3310  Expository Writing (3)
- ENC 4260  Advanced Technical Writing (3)
- ENC 4311  Advanced Composition (3)
- ENC 4931  Selected Topics in Professional and Technical Writing (3)

Literature requirements:

The student must select seven literature courses from those listed in OPTION I as follows:

Two courses from group "1," four courses from group "2," and one course from group "3."
ENGLISH EDUCATION

COLLEGE : EDUCATION
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM: YES-THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Program Director, Undergraduate Advising, Education, (813) 974-2458
- SARASOTA / Advisor, Education, (813) 359-4331
- ST. PETERSBURG / Advisor, Education, (813) 893-9533

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)
  Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.
  If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, they must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
  Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade:
  - EDF X005 Introduction to Education
  - EDG 2701 Teaching Diverse Populations
  - EME 2040 Introduction to Educational Technology
  (Equivalent course or demonstrated competency may be substituted)
  - SPC X600 Public Speaking
  - Literature Course 3
  - Electives in English 9
  At least one course taken to meet the natural science requirements in General Education must include a laboratory component.
  In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under “Undergraduate Admission to the College” on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

- Admission Requirements to the University Program of Study
  Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required. Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT.
  However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT.
  Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST.
  Professional education courses taken at the community college will transfer as general electives.

- Requirements for the B.S. Degree
  Professional Education Core (31 cr. hrs.): The required courses in the professional education core are as follows:
  - EDF 3214 Human Development and Learning 3
  - EDF 3604 Social Foundations of Education (Exit) 3
  - EDG 4620 Curriculum and Instruction 3
  - EDF 4430 Measurement for Teachers 3
  - EEX 4070 Integrating Exceptional Students in the Regular Classroom 2
  - FLE 4315 Teaching LEP Students K-12 3
  - FLE 4316 Language Principles and Acquisition 2
  - LAE 4936 Senior Seminar in English Education 3
  - LAE 4940 Internship: English Education 10
  USF degree requirements for English Education are under revision. Please see an academic advisor for updated requirements.

Program Requirements (33 cr. hrs.):
1. English Specialization (21 cr. hrs.):
   - ENC 3310 Expository Writing 3
   One of the following:
   - LIT 3103 Great Literature of the World (Exit) 3
   - WST 4263 Third World Women Writers (Exit) 3
2. Two of the following:
   - AML 3031 American Literature to 1860 3
   - AML 3032 American Literature 1860-1912 3
   - AML 3051 American Literature 1912-1945 3
   - AML 3604 African-American Literature (Exit) 3
   - AML 4111 Nineteenth-Century American Novel 3
   - AML 4121 Twentieth-Century American Novel 3
   - LIT 4386 British and American Literature by Women (Exit) 3
   One of the following:
   - ENL 3015 British Literature to 1616 3
   - ENL 3230 British Literature 1616-1780 3
   - ENL 3251 British Literature 1780-1900 3
   - ENL 3273 British Literature 1900-1945 3
   One of the following:
   - ENL 3331 Early Shakespeare 3
   - ENL 3332 Late Shakespeare 3
   One of the following:
   - ENG 4060 History of the English Language 3
   - LIN 3010 Introduction to Linguistics

Continued
2. English Education (12 cr. hrs.):
   - LAE 4323 Methods of Teaching English: Middle School 3
   - LAE 4464 Adolescent Literature for Middle and Secondary Students (Exit) 3
   - LAE 4530 Methods of Teaching English: Practicum 3
   - LAE 4335 Methods of Teaching English: High School 3

LAE 4530 must be taken concurrently with LAE 4335 (PR: LAE 4464), the fall or spring immediately preceding internship. LAE 4323 should be taken the semester prior to enrolling in LAE 4530. Methods courses are only available in Fall and Spring Semesters.
ENVIRONMENTAL SCIENCE AND POLICY

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE
OPTION/TRACK: SCIENCE; POLICY

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
Tampa only/Program Advisor, Dr. Ingrid Bartsch - Program Office (813) 974-2739

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF (State Mandated Common Prerequisites)

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

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

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

BSC 2010, 2010L & BSC 2011, 2011L Biology I and II with Lab (8)
and
CHM 2045 & CHM 2045L General Chemistry with Lab (4)
CHM 2046 & CHM 2046L General Chemistry II with Lab (4)
plus
STA 2023 Statistics (3)
One approved Geology or Physics Course with Lab (4)

The calculus sequence is only required for students pursuing the ESP-Science concentration.

MAC 2233 & MAC 2234 Elementary Calculus (4)
or
MAC 2281 & MAC 2282 Engineering Calculus (4)
or
MAC 2311 & MAC 2312 Calculus (3)

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Major in Environmental Science and Policy

All students majoring in Environmental Science and Policy are required to see the advisor each semester prior to registration for the following term.

Requirements for all Environmental Science Majors

EVR 2001 Intro to Environmental Science
EVR 2001L Intro to Environmental Science Lab
EVR 2861 Intro to Environmental Policy
EVR 4921 ESP Seminar
EVR 4910 ESP Project
or
EVR 4940 ESP Internship
BSC 2010 Biology I
BSC 2010L Biology Lab I
BSC 2011 Biology II
BSC 2011L Biology Lab II
CHM 2045 General Chemistry I
CHM 2045L Chemistry Lab I
CHM 2046 General Chemistry II
CHM 2046L Chemistry Lab II
PUP 4203 Environmental Policy
PHI 3640 Environmental Ethics

Statistics
STA 2023 Introductory Statistics
or
QMB 2100 Business and Economic Statistics
or
EGN 3443 Engineering Statistics

Geology or Physics
GLY 2010 Dynamic Earth
GLY 2010L Dynamic Earth Lab
or
GLY 2100 Historical Geology
GLY 2100L Historical Geology Lab
or
PHY 2048 General Physics
PHY 2048L General Physics Lab
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>PHY 2053</td>
<td>General Physics</td>
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<tr>
<td>PHY 2053L</td>
<td>General Physics Lab</td>
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</table>

**Science Track**

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<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>MAC 2233</td>
<td>Life Sciences Calculus I</td>
</tr>
<tr>
<td>MAC 2234</td>
<td>Life Sciences Calculus II</td>
</tr>
<tr>
<td>or</td>
<td>Engineering Calculus I</td>
</tr>
<tr>
<td>MAC 2281</td>
<td>Engineering Calculus II</td>
</tr>
<tr>
<td>MAC 2282</td>
<td>Engineering Calculus II</td>
</tr>
<tr>
<td>or</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MAC 2311</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Organic Chemistry</td>
</tr>
<tr>
<td>and</td>
<td></td>
</tr>
<tr>
<td>CHM 2210</td>
<td>Organic Chemistry Lab</td>
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</table>

**Policy Track**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ECP 3302</td>
<td>Environmental Economics</td>
</tr>
<tr>
<td>POS 3697</td>
<td>Environmental Law</td>
</tr>
</tbody>
</table>

**Science Track**

MAC 2233 and MAC 2234 OR MAC 2281 and MAC 2282 OR MAC 2311 and MAC 2312 and CHM 2210 and CHM 2210L plus 4 electives from one of the following tracks: Restoration, Water Quality, Environmental Monitoring or Marine Resources. Please contact the Program office for a current list of electives under these categories.

**Policy Track**

ECP 3302 and POS 3697

plus four approved policy-related electives.

Please contact the Program office for a current list of electives under this category.
FINANCE

COLLEGE : BUSINESS ADMINISTRATION
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS, BACHELOR OF SCIENCE
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM: YES-THESE PROGRAMS HAVE ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Director of Advising, Business Administration, (813) 974-4290
- LAKELAND (Partial) / Advisor, Business Administration, (863) 667-7011
- SARASOTA (Partial) / Advisor, Business Administration, (941) 359-4331/4330
- ST. PETERSBURG / Advisor, Business Administration, (727) 553-1542

Program of Study at a Florida Community/Junior College for Students Planning to Transfer to USF

(State Mandated Common Prerequisites)

The State of Florida has identified common course prerequisites for the College of Business Administration degree programs. These prerequisites are required for admission to the upper-division program and normally must be completed by the student prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following common prerequisites or their substitutions are necessary for admission to the College of Business Administration upper-division degree programs:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ACG X021</td>
<td>Financial Accounting (or ACG X001 &amp; ACG X011)</td>
</tr>
<tr>
<td>ACG X071</td>
<td>Managerial Accounting (not required of students majoring in Accounting)</td>
</tr>
<tr>
<td>CGS X100</td>
<td>Computers in Business (or acceptable substitute)</td>
</tr>
<tr>
<td>ECO X013</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECO X023</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>MAC X233</td>
<td>Elementary Calculus or MAC 2230</td>
</tr>
<tr>
<td>STA X023</td>
<td>Introductory Statistics or QMB X100</td>
</tr>
</tbody>
</table>

Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the college of Business Administration.

Students should not take finance, management, or marketing courses at the community college which are offered at the upper division level at USF. Such courses are not accepted as substitutes for upper-level requirements without proper validation after enrolling in the College of Business Administration. Without validation, such courses transfer as elective credits.

Admission Requirements to the University Program of Study

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

To be admitted to the College of Business Administration, the student must first be accepted to the University of South Florida. Additionally, students must have completed a minimum of 60 semester hours, earned a minimum 2.5 cumulative grade point average on all college-level work and minimum 2.0 on all credit attempted at USF including any prior to renewal. In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business except GEB 4980, provided they have completed 60 semester hours and have met course prerequisites. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

PROGRAM OF STUDY AT THE UNIVERSITY

The foundation courses common to all majors in business consists of the 18 hours of prerequisites plus the following (three-hour) courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 2021</td>
<td>Principles of Financial Accounting</td>
<td>(3)</td>
</tr>
<tr>
<td>ACG 2071</td>
<td>Principles of Managerial Accounting</td>
<td>(3)</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Economic Principles: Macroeconomics</td>
<td>(3)</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Economic Principles: Microeconomics</td>
<td>(3)</td>
</tr>
<tr>
<td>QMB 2100</td>
<td>Business &amp; Economic Statistics I</td>
<td>(3)</td>
</tr>
<tr>
<td>BUL 3320</td>
<td>Law and Business I</td>
<td>(3)</td>
</tr>
<tr>
<td>ECO 3100</td>
<td>Managerial Economics</td>
<td>(3)</td>
</tr>
<tr>
<td>FIN 3403</td>
<td>Principles of Finance</td>
<td>(3)</td>
</tr>
<tr>
<td>ISM 3011</td>
<td>Information Systems in Organizations</td>
<td>(3)</td>
</tr>
<tr>
<td>QMB 3200</td>
<td>Business &amp; Economic Statistics II</td>
<td>(3)</td>
</tr>
<tr>
<td>MAN 3025</td>
<td>Principles of Management</td>
<td>(3)</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>Basic Marketing</td>
<td>(3)</td>
</tr>
<tr>
<td>GEB 4890</td>
<td>Strategic Mgmt/Decision Making</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Requirements for the B.A./B.S. Degree: Within the 120 semester hour program as listed in the General Requirements section, students must complete a minimum of 18 hours of upper-level finance courses beyond FIN 3403.

Required Finance Courses:
- FIN 4303 Financial Institutions and Markets 3
- FIN 4414 Advanced Corporation Finance 3
- FIN 4504 Principles of Investments 3

Additional upper-level Finance electives 9-15

Total 18-24

Finance electives can be selected from among those 3000 and 4000 level classes that have FIN, REE, and RMI prefixes. At least two electives must have an FIN prefix. Independent Study (FIN 4905) and Independent Research (FIN 4915) will not be accepted as credit toward the minimum degree requirements for a major in Finance. The following Finance tracks are recommended for students with specific interest in the following career areas:

Corporate Financial Management
- FIN 3604 International Finance
- FIN 4412 Working Capital Management
- FIN 4443 Financial Policies and Strategies
<table>
<thead>
<tr>
<th>Management of Financial Institutions</th>
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</thead>
<tbody>
<tr>
<td>FIN 3233</td>
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<tr>
<td>FIN 3604</td>
</tr>
<tr>
<td>FIN 4324</td>
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<td>FIN 4412</td>
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<td>FIN 4443</td>
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<table>
<thead>
<tr>
<th>Investments</th>
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<tbody>
<tr>
<td>FIN 3604</td>
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<td>FIN 4514</td>
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<tr>
<td>REE 4303</td>
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<table>
<thead>
<tr>
<th>Financial Services</th>
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<tbody>
<tr>
<td>FIN 3604</td>
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<td>FIN 4514</td>
</tr>
<tr>
<td>REE 3043</td>
</tr>
<tr>
<td>REE 4303</td>
</tr>
<tr>
<td>RMI 3011</td>
</tr>
</tbody>
</table>
FOREIGN LANGUAGE EDUCATION

COLLEGE: EDUCATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: YES - THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Program Director, Undergraduate Advising, Education, (813) 974-2458

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

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

Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

EDF X005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

(Equivalent course or demonstrated competency may be substituted)

In addition, fifteen semester hours must come from the following areas: courses in elementary and intermediate grammar, composition and advanced conversation; culture and civilization in the target language.

At least one course taken to meet the natural science requirements in General Education must include a laboratory component.

In addition to EDG 2701, Lower division courses must include 6 credit hours with an international or diversity focus.

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required.
Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT.
However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT.

Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST.

Professional education courses taken at the community college will transfer as general electives.

• Requirements for the B.S. Degree
Professional Education Core (29 cr. hrs.):
The required courses in the professional education core are as follows:

EDF 3214 Human Development and Learning 3
EDF 3604 Social Foundations of Education (Exit) 3
EDG 4620 Curriculum and Instruction 3
EDF 4430 Measurement for Teachers 3
EEX 4070 Integrating Exceptional Students in the Regular Classroom 2
FLE 4316 Language Principles and Acquisition 2
FLE 4315 Teaching LEP Students K-12 3
FLE 4936 Senior Seminar in Foreign Language Education 2
FLE 4940 Internship: Foreign Language Education 10

Specialization (39 cr. hrs.):
1. Foreign language (27 cr. hrs.)
   Grammar, conversation, composition 9
   Literature 6
   Culture and civilization 6
   Linguistics 3
   Exit requirement language course 3

2. Foreign Language Education
   12 credit hours in methods of teaching a language at the elementary and secondary levels, including a practicum.
   Fall Term: FLE 4314 (elementary)
   Spring Term: FLE 4333 (secondary) and FLE 4370 (practicum)
   Summer Term: EDF 4909 Technology in the Foreign Language Classroom
FRENCH

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503
Language Advisor, (813) 974-2762

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

Students should demonstrate proficiency at the intermediate level within the target language. This may be accomplished by completing 6-12 hours within the language or by demonstrated competency at the intermediate level. If this coursework (or associated competency) is not completed at the community college, it must be completed before the degree is granted. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECN 1101 English I</td>
<td>3</td>
</tr>
<tr>
<td>ECN 1102 English II</td>
<td>3</td>
</tr>
<tr>
<td>Social Science (any HIS, SOC, ANT, etc.)</td>
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<tr>
<td>Humanities (any HUM)</td>
<td>6</td>
</tr>
<tr>
<td>Beginning and Intermediate &quot;Target Language&quot; (XXX 1120, 1121, and 2200)</td>
<td>14-19</td>
</tr>
</tbody>
</table>

Students should demonstrate proficiency at the intermediate level within the target language. This may be accomplished by completing 6-12 hours within the language or by demonstrated competency at the intermediate level. If this coursework (or associated competency) is not completed at the community college, it must be completed before the degree is granted. A grade of “C” is the minimum acceptable grade.

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the B.A. Degree

Required courses for the major (15 cr. hrs.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE 2240 Conversation II</td>
<td>3</td>
</tr>
<tr>
<td>FRE 3230 Reading in French Literature and Culture</td>
<td>3</td>
</tr>
<tr>
<td>FRE 3420 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>FRW 4100 Introduction to the French Novel</td>
<td>3</td>
</tr>
<tr>
<td>FRW 4101 Introduction to French Drama and Poetry</td>
<td>3</td>
</tr>
</tbody>
</table>

Supporting courses required for the major

17 hours in 3000, 4000, or 5000 level courses planned with the advisor.
GENERAL BUSINESS ADMINISTRATION

COLLEGE: BUSINESS ADMINISTRATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK: TRADITIONAL GENERAL BUSINESS AND REAL ESTATE

LIMITED ACCESS PROGRAM: YES - THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Director of Advising, Business Administration, (813) 974-4290
- LAKELAND / Advisor, Business Administration, (863) 667-7011
- SARASOTA / Advisor, Business Administration, (941) 359-4331/4330
- ST. PETERSBURG / Advisor, Business Administration, (727) 553-1542

Program of Study at a Florida Community/Junior College for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
The State of Florida has identified common course prerequisites for the College of Business Administration degree programs. These prerequisites are required for admission to the upper-division program and normally must be completed by the student prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following common prerequisites or their substitutions are necessary for admission to the College of Business Administration upper-division degree programs:

- ACG X021 Financial Accounting (or ACG X001 & ACG X011)
- ACG X071 Managerial Accounting (not required of students majoring in Accounting)
- CGS X100 Computers in Business (or acceptable substitute)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100

Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the college of Business Administration.

Students should not take finance, management, or marketing courses at the community college which are offered at the upper division level at USF. Such courses are not accepted as substitutes for upper-level requirements without proper validation after enrolling in the College of Business Administration. Without validation, such courses transfer as elective credits.

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required.

To be admitted to the College of Business Administration, the student must first be accepted to the University of South Florida. Additionally, students must have completed a minimum of 60 semester hours, earned a minimum 2.5 cumulative grade point average on all college-level work and minimum 2.0 on all credit attempted at USF including any prior to renewal. In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business except GEB 4890, provided they have completed 60 semester hours and have met course prerequisites. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

Program of Study at the University
The foundation courses common to all majors in business consists of the 18 hours of prerequisites plus the following (three-hour) courses:

- ACG 2021 Principles of Financial Accounting (3)
- ACG 2071 Principles of Managerial Accounting (3)
- ECO 2013 Economic Principles: Macroeconomics (3)
- ECO 2023 Economic Principles: Microeconomics (3)
- QMB 2100 Business & Economic Statistics I (3)
- BUL 3320 Law and Business I (3)
- ECO 3100 Managerial Economics (3)
- FIN 3403 Principles of Finance (3)
- ISM 3011 Information Systems in Organizations (3)
- QMB 3200 Business & Economic Statistics II (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)
- GEB 4890 Strategic Mgmt/Decision Making (3)

Requirements for the B.A./B.S. Degree: Within the 120 semester hours program as listed in the General Requirement section, students must complete two minors from the following business disciplines: accounting, economics, information systems, finance, management, marketing, and international business. A minimum of 24 hours of upper level course work must be earned with a GPA of at least 2.0 in each minor. The requirements for each minor are listed with the description of the major*. Minors applied to the General Business major will be referred to as concentrations. Concentrations used as part of the General Business Major will not also be subsequently listed as independent minors on the transcript.

*One exception: A minor in economics must consist of four upper level economics courses, excluding QMB 3200, ECO 3100 and ECO 3101.

The General Business major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.
GEOGRAPHY

<table>
<thead>
<tr>
<th>COLLEGE</th>
<th>ARTS AND SCIENCES</th>
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<tbody>
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<td>DEGREE</td>
<td>BACHELOR OF ARTS</td>
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<tr>
<td>OPTION/TRACK</td>
<td>URBAN, ENVIRONMENTAL, AND GENERAL TRACKS</td>
</tr>
</tbody>
</table>

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
- ST. PETERSBURG / Advisor, Arts and Sciences, (813) 893-9507

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)
  Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements, thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
  Students should complete two introductory courses in Geography prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted.

- Admission Requirements to the University Program of Study
  Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

- Requirements for the Major in Geography
  A major in Geography consists of 10 courses as follows:

  Required core courses (5 courses + lab):
  - GEO 3013 Intro to Physical Geography (3)
  - GEO 3013L Intro to Physical Geography Lab (1)
  - GEO 3402 Human Geography (4)
  - GEO 3180 Digital Thematic Mapping (4)
  - GEO 3164C Quantitative Methods (4)
  - GEA XXXX (One course with GEA prefix) (4)

  Supporting Courses (5 courses):
  Majors will select among courses in the Urban and Environmental tracks for their additional coursework. They must take an additional 5 courses, 2 of which may be outside of their track. If more than 1 course is taken outside of the track, 1 of them must be a techniques (elective) course. The following list designates supporting courses by track (or elective technique).

    Urban Track Courses:
    - GEO 3602 Urban Geography (4)
    - GEO 4502 Economic Geography (4)
    - GEO 4604 Advanced Urban Geography (4)
    - GEO 4700 Transportation Geography (4)
    - GEO 4470 Political Geography (4)
    - URP 4052 Urban and Regional Planning (4)
    - GEO 4421 Cultural Geography (4)
    - GEO 4340 Natural Hazards (4)

    Environmental Track Courses:
    - GEO 4201C Advanced Physical Geography (4)
    - GEO 4210 Process Geomorphology (4)
    - GEO 4280C Hydrology (4)
    - GEO 4340 Natural Hazards (4)
    - GEO 4372 Global Conservation (4)
    - MET 4002 Climatology (4)
    - MET 4010C Meteorology (4)
    - GEO 4300 Biogeography (4)

    Techniques Courses (electives):
    - GEO 4114C Geographic Techniques and Methodology (4)
    - GEO 4131C Remote Sensing of the Environment (4)
    - GEO 4151C Geographic Information Systems (GIS) (4)

  Courses Excluded as Electives for the major:
  GEO 1930 Geography of Current Events (4)

  Only 4 combined hours of the following courses may be applied toward the degree:
  - GEO 4900 Directed Reading (1-4)
  - GEO 4910 Individual Research (1-4)
GEOLOGY

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Peter Harries, Department of Geology, SCA 203, 974-4974

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)

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

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

  - CHM 1045/1045L General Chemistry I (with lab) or CHM 1040 & CHM 1041 or CHM 1045C or CHM 1045E
  - CHM 1046/1046L General Chemistry II (with lab) or CHM 1046C or CHM 1046E
  - GLY 2010C Introduction to Physical Geology
  - GLY 2100 History of the Earth and Life or other GLY course
  - MAC 2311 Calculus I
  - PHY 2048C General Physics and Laboratory I or PHY 2048/2048L or PHY 2053C
  - PHY 2049C General Physics and Laboratory II or PHY 2049/2049L or PHY 2054C
  - XXX XXXX Historical Geology strongly recommended

  The choice physics sequence depends on the area of geology specialization.

- Admission Requirements to the University Program of Study

  Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

- Requirements for the Major in Geology (B.A.)

  Introductory Sequence* (4 hours):
  1. One course chosen from
     - GLY 2010, GLY 2030, GLY 2038, GLY 2040, GLY 2050, OCE 2001 (3)
  2. GLY 2015L (1)

  *Transfer students who have taken GLY 2010C and GLY 2100C or the equivalent will be deemed to have met the introductory sequence requirements. However, ALL students are strongly encouraged to take GLY 2015L, as this course will greatly facilitate success in the upper-level offerings.

  Junior-level sequence (20 hours):
  - GLY 3104 Geologic Time (4)
  - GLY 3311 The Solid Earth: Petrology and Geochemistry (4)
  - GLY 3420C The Solid Earth: Plate Tectonics and Earth Structure (4)
  - GLY 3554C The Earth’s Surface (4)
  - GLY 3720C The Fluid Earth (4)

  Plus (6 hours):
  - GLY 4145 Computational Geology (3)
  - GLY 4921 Geocommunications (3)

  Supporting Courses (24 hours):
  - CHM 2045 General Chemistry I (3)
  - CHM 2045L General Chemistry I Laboratory (1)
  - CHM 2046 General Chemistry II (3)
  - CHM 2046L General Chemistry II Laboratory (1)
  - One year of calculus (MAC 2233, 2234 or 2311, 2212 or 2281, 2282)
  - Two courses in biology or physics selected from:
    - BSC 2010/2010L Biology I - Cellular Processes and Laboratory (4)
    - BSC 2010/2011 Biology II - Diversity and Laboratory (4)
    - PHY 2053-2053L General Physics and Laboratory (4)
    - PHY 2054-2054L General Physics and Laboratory (4)
    - PHY 2048-2048L General Physics and Laboratory (4)
    - PHY 2049-2049L General Physics and Laboratory (4)

  Liberal Arts Requirements

  All students are required to complete the University’s Liberal Arts Requirements.

  Free Electives (19-25 hours)

  The student will choose, in consultation with his/her geology advisor, such courses in the natural sciences that support his/her major interest in the field of geology. Courses in computer programming and additional mathematics are of particular value. Those students who anticipate continuing for a doctorate in graduate school are encouraged to take a foreign language, preferably French, German, or Russian.

  D and F grades earned in attempting to satisfy major requirements will be used in calculating the major GPA.
### GEOLOGY

**COLLEGE:** ARTS AND SCIENCES  
**SCHOOL:** NONE  
**DEGREE:** BACHELOR OF SCIENCE  
**OPTION/TRACK:** NONE  
**LIMITED ACCESS PROGRAM:** NO  
**CAMPUS(ES) WHERE OFFERED/CONTACT:** TAMPA only / Eleanor Snow, Department of Geology, SCA 203, 974-0319

#### Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF (State Mandated Common Prerequisites)

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

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 1045/1045L</td>
<td>General Chemistry I (with lab) (or CHM 1040 &amp; CHM 1041 or CHM 1045C or CHM 1045E)</td>
</tr>
<tr>
<td>CHM 1046/1046L</td>
<td>General Chemistry II (with lab) (or CHM 1046C or CHM 1046E)</td>
</tr>
<tr>
<td>GLY 2010C</td>
<td>Introduction to Physical Geology</td>
</tr>
<tr>
<td>GLY 2100</td>
<td>History of the Earth and Life (or other GLY course)</td>
</tr>
<tr>
<td>MAC 2311</td>
<td>Calculus I</td>
</tr>
<tr>
<td>PHY 2048C</td>
<td>General Physics and Laboratory I (or PHY 2048/2048L or PHY 2053C)</td>
</tr>
<tr>
<td>PHY 2049C</td>
<td>General Physics and Laboratory II (or PHY 2049/2049L or PHY 2054C)</td>
</tr>
<tr>
<td>XXX XXXX</td>
<td>Historical Geology <strong>strongly</strong> recommended</td>
</tr>
</tbody>
</table>

The choice physics sequence depends on the area of geology specialization.

#### Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

#### Requirements for the Major in Geology (B.S.)

**Introductory Sequence** (4 hours):

1. One course chosen from
   - GLY 2010, GLY 2030, GLY 2038, GLY 2040, GLY 2050, OCE 2001 (3)
2. GLY 2015L (1)

*Transfer students who have taken GLY 2010C and GLY 2100C or the equivalent will be deemed to have met the introductory sequence requirements. However, ALL students are strongly encouraged to take GLY 2015L, as this course will greatly facilitate success in the upper-level offerings.*

**Junior-level sequence (20 hours):**

- GLY 3104 Geologic Time (4)
- GLY 3311 The Solid Earth: Petrology and Geochemistry (4)
- GLY 3420C The Solid Earth: Plate Tectonics and Earth Structure (4)
- GLY 3554C The Earth’s Surface (4)
- GLY 3720C The Fluid Earth (4)

**Senior-Level Sequence (12 hours):**

- GLY 4145 Computational Geology (3)
- GLY 4921 Geocommunications (3)

*Either:
- GLY 4947L Practical and Applied Geology (6)

A Geologic Field Course and/or Summer Research Experience, as defined and approved by the Department Undergraduate Committee. Non-traditional research experiences (i.e., NSF-supported Research Experiences for Undergraduates summer programs) are acceptable provided the student concurrently registers for six hours of Geologic Field Studies (GLY 4780) to meet credit hour requirements, and their research supervisor provides the Undergraduate committee with an assessment of student activities during the program.

**Supporting Courses (32 hours):**

- MAC 2281 Engineering Calculus I (recommended) (3)
- MAC 2282 Engineering Calculus II (recommended) (3)
- MAC 2311 Calculus I (4)
- MAC 2312 Calculus II (4)
- CHM 2045 General Chemistry I (3)
- CHM 2045L General Chemistry I Laboratory (1)
- CHM 2046 General Chemistry II (3)
- CHM 2046L General Chemistry II Laboratory (1)
- BSC 2010/2010L Biology I - Cellular Processes and Laboratory (4)
- BSC 2011/2011L Biology II - Diversity and Laboratory (4)
- PHY 2048-2048L General Physics and Laboratory (recommended) (4)
- PHY 2049-2049L General Physics and Laboratory (recommended) (4)
- PHY 2053-2053L General Physics and Laboratory (4)
- PHY 2054-2054L General Physics and Laboratory (4)
Liberal Arts Requirements
All students are required to complete the University's Liberal Arts Requirements.

Free Electives (19-25 hours)
The student will choose, in consultation with his/her geology advisor, such courses in the natural sciences that support his/her major interest in the field of geology. Courses in computer programming and additional mathematics are of particular value. Those students who anticipate continuing for a doctorate in graduate school are encouraged to take a foreign language, preferably French, German, or Russian.

D and F grades earned in attempting to satisfy major requirements will be used in calculating the major GPA.
GERMAN

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503
Language Advisor, (813) 974-2762

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)

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

Students should demonstrate proficiency at the intermediate level within the target language. This may be accomplished by completing 6-12 hours within the language or by demonstrated competency at the intermediate level. If this coursework (or associated competency) is not completed at the community college, it must be completed before the degree is granted. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECN 1101 English I(3)</td>
<td>(3)</td>
</tr>
<tr>
<td>ECN 1102 English II</td>
<td>(3)</td>
</tr>
<tr>
<td>Social Science (any HIS, SOC, ANT, etc.)</td>
<td>(6)</td>
</tr>
<tr>
<td>Humanities (any HUM)</td>
<td>(6)</td>
</tr>
<tr>
<td>Beginning and Intermediate &quot;Target Language&quot; (XXX 1120, 1121, and 2200)</td>
<td>(14-19)</td>
</tr>
</tbody>
</table>

- Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

- Requirements for the B.A. Degree

Requirements for the major (14 cr. hrs.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GER 2240 Conversation I</td>
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<td>GER 3420 Composition I</td>
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<tr>
<td>GEW 4100 Survey of German Literature I</td>
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<tr>
<td>GEW 4101 Survey of German Literature II</td>
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</table>

Supporting courses required for the major

18 hours in 3000, 4000, or 5000 level courses, including approved courses in related disciplines, planned with the advisor.
GERONTOLOGY

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

For those seeking the Bachelor of Arts degree, students should complete STA X122 (Social Science Statistics) at the lower level prior to entering the University. If this course is not taken at the community college, it must be completed before the degree is granted. A grade of “C” is the minimum acceptable grade. Acceptable substitutes for STA X122 are: QMB 2150 or QMB X100, STA 2022, X013, X014, X040, X023, or X024. There are no other common prerequisites for the Gerontology program leading to the Bachelor of Arts degree.

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Major in Gerontology (B.A.)

The Bachelor of Arts Degree in Gerontology entails 36 semester hours of required course work. In this program the course of study is intended to provide students with a liberal education in gerontology and some exposure to the various career opportunities in the field of aging. This degree is especially appropriate for students who plan to pursue graduate or professional work in gerontology, or some other field, or who plan to work with older adults in careers in areas such as case management, social services, or activity therapy.

Required Courses:

GEY 2000 Introduction to Gerontology (3)
GEY 3326 Aging in the 21st Century (3)
GEY 3601 Physical Changes and Aging (3)
GEY 3625 Sociocultural Aspects of Aging (3)
GEY 4401 Research Methods in Gerontology (3)
GEY 4612 Psychology of Aging (3)
A required prerequisite is STA 2122 Social Science Statistics.

B.A. students complete 18 additional elective hours, which may include field placement. Students should meet frequently with the departmental advisor to plan courses and field work that will prepare the student for career goals.
GERONTOLOGY

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF (State Mandated Common Prerequisites)

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

For those seeking the Bachelor of Science degree, students complete the prerequisite courses listed below prior to being admitted to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

- ACG X021 Financial Accounting or ACG X001
- ACG X071 Managerial Accounting or ACG X011 or ACG X630
- CSG X000 Computers in Business or EME X402, COC X317, CSG X101, X361, X001, or X060
- GEY x000 Introduction to Gerontology
- STA X122 Social Science Statistics or QMB 2150, STA 2022, STA X013, STA X014, STA X040, STA X023, or QMB X100

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Major in Gerontology (B.S.)

The Bachelor of Science Degree in Gerontology is a 39 semester hour specialist degree which, in addition to providing students with a basic education in gerontology, is intended to prepare them for entry level positions in Nursing Home Administration. It is especially appropriate for students who intend to begin working immediately following completion of the degree program.

Required courses:

- BUL 3320 Law and Business I (3)
- GEY 3601 Behavior Changes in Later Life (3)
- GEY 4327 Long-Term Care Administration I (3)
- GEY 4328 Gerontological Counseling (3)
- GEY 4339 Long-Term Care Administration III (3)
- GEY 4360 Gerontological Counseling (3)
- GEY 4641 Death and Dying (3)
- GEY 4945 Field Placement (9)
- MAN 3025 Principles of Management (3)
- MAN 3240 Organizational Behavioral Analysis (3)
- MAN 3301 Human Resource Management (3)

Students also complete the following fifteen (15) hours of prerequisites:

- ACG 2021 Principles of Financial Accounting (3)
- ACG 2071 Principles of Managerial Accounting (3)
- CSG 2100 Computers in Business (3)
- GEY 2000 Introduction to Gerontology (3)
- GEY 3326 Aging in the 21st Century (3)

These courses are intended to reflect educational requirements mandated by the State of Florida and specified in Chapter 21z.11 of the Florida Administrative Code.

Students in the B.S. program should understand that they will only be allowed to register for the full-time internship (GEY 4945) after successful completion of all (or all but one) of the required courses in the B.S. major. Because the B.S. internship requires full-time effort, students will be allowed to take no more than four (4) credits concurrent with the B.S. internship.

GEY 2000 at this university or its equivalent at another institution is required as a gerontology prerequisite. ACG 2021 and ACG 2071 taken at this university or elsewhere will satisfy accounting prerequisites.

Students interested in either the B.A. or the B.S. option should contact the Department as early as possible in their careers at the University of South Florida.
HISTORY

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
- SARASOTA (Partial) / Advisor, Arts and Sciences, (941) 359-4331
- ST. PETERSBURG / Advisor, Arts and Sciences, (813) 893-9507
- FT. MYERS / Advisor, Arts and Sciences, (941) 432-5500

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)

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

  Students are encouraged to complete two lower level introductory history courses from the list below to meet prerequisites for the major during the program of study at the community college and, when feasible, in General Education/Gordon Rule courses. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

  - Western or World Civilization I, II
  - American History I, II
  - Latin American History I, II

- Admission Requirements to the University Program of Study

  Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

- Requirements for the Major in History

  A minimum of 32 semester hours is required for a major in history. Twelve hours of 2000 level courses, or their equivalent, constitute the lower level requirements. At least 12 hours of course work must be drawn from the 3000-4000 level in addition to HIS 4104 and 4936, which constitute the upper level requirements for the degree. A minimum grade of “C” or better must be attained in each course counted for the 32 hours of history. Grades of “D” or “F” in history coursework will, however, be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy. It is recommended that history majors take ENC 3310, “Advanced Expository Writing,” SPC 2600, “Public Speaking,” LIS 2001, “Library and Information Skills,” and computer service courses. Additional hours can be profitably drawn from the following disciplines: Africana Studies, American Studies, Anthropology, Economics, Geography, Government and International Affairs, Psychology, Philosophy, Sociology, Women’s Studies, Literature, the Humanities, and the Fine Arts. Majors intending to pursue graduate work should take a minimum of two years of classical or modern foreign language. Open University courses are not eligible for major field credit.
HUMANITIES

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF (State Mandated Common Prerequisites)

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

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

Students are encouraged to complete the following major, support, or elective courses, if available, during the program of study at the community college. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

- ENC 1101 Composition I (3)
- ENC 1102 Composition II (3)
- Humanities (HUM 2000-level courses) (6)
- Creative Writing courses (CRW courses) (3-6)
- Introductory courses in applied and non-applied Fine Arts (ART, MUS) (6)
- Literature in Translation (RUT, CLT courses) (3-6)
- Social Science (AMH, EUH courses) (6)

- Admission Requirements to the University Program of Study

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

- Requirements for the Major in Humanities

The Humanities Program is an interdisciplinary curriculum that deals with the visual arts, music, literature and the culture from which they emerge. Secondary sources are used sparingly; students are encouraged to make a vigorous, personal response to specific works of art, literature, and music.

1. HUM 2211 (Studies in Culture: the Ancient through the Medieval Periods) and HUM 2243 (Studies in Culture: the Renaissance through the Twentieth Century), six credit hours
2. 22 credits of upper-level Humanities courses (3000 or 4000 level)
3. HUM 4931 (Seminar in Humanities), four credit hours; offered only in fall semester.
4. Two or more classes in the creative or performing arts, either lower or upper level, totaling at least four semester hours.
5. Majors must earn a "C" or better in all Humanities courses.
INDUSTRIAL ENGINEERING

COLLEGE: ENGINEERING
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Engineering, (813) 974-2884
LAKELAND (Partial) / Advisor, Engineering, (941) 667-7011
SARASOTA (Partial) / Advisor, Engineering, (813) 359-4331

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF (State Mandated Common Prerequisites)

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Communications:
- ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

Mathematics:
- USF C/C
- MAC 2281 MAC 2311* (4)
- MAC 2282 MAC 2312* (4)
- MAC 2283 MAC 2313* (4)
- MAP 2302 MAP 2302 (3)

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:
- USF C/C
- CHM 2045 CHM 1045* (3)
- PHY 2048 PHY 2048 (3)
- PHY 2049 PHY 2049 (3)
- PHY 2049L PHY 2049L (1)

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

Procedures for Applying to the College of Engineering

Before declaring a particular major within the field of engineering, students must meet two sets of admission requirements: one for the College of Engineering and the other for the student’s chosen degree program (see “College of Engineering Admission Requirements” and “Admission Requirements for Programs in Engineering” below). Students may apply to the College of Engineering upon initial entry to the University by declaring Engineering as their intended major on their admissions application. When a student is accepted to USF, engineering staff will review the necessary credentials and notify the applicant of his or her Engineering status.

USF students may apply through the Advising Office, in the College of Engineering. To be considered for admission to the College, an applicant must be accepted by the University as a degree-seeking student and be academically in good standing.

Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL score must be 550.

College of Engineering Admission Requirements

1. Freshmen:
   a. Test Scores:
      - SAT—combined score of 1050 minimum with a minimum quantitative of 550.
      - ACT—combined score of 25 minimum and mathematics of 25 minimum.
   b. High School Mathematics: Should include sufficient algebra and trigonometry to enter Engineering Calculus I.
   c. High School Grade Point Average of 2.5/4.0.

2. Transfer Students:
   a. Engineering
      Florida community college transfer students that have completed the courses shown below with a minimum grade of "C" are accepted directly into the College of Engineering.

Communications:
- ENC 1101/1102 English I and II (6)

Mathematics:
- MAC 2311 Engineering Calculus I (4) or MAC 2281, MAC 2282, MAC 2283
- MAC 2312 Engineering Calculus II (4) or MAC 2281, MAC 2282, MAC 2283
- MAC X283 Engineering Calculus III (4) or MAC 2281, MAC 2282, MAC 2283
- MAP X302 Differential Equations (3)

Natural Sciences:
- CHM X045X045L General Chemistry I (with lab) (4) or CHS 1440 Chemistry for Engineers
- PHY X048X048L General Physics and Laboratory I (4)
- PHY X049X049L General Physics and Laboratory II (4)

Continued
Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

b. Computer Science
Transfer students into the Computer Science program from a Florida community college are not required to have Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

c. Information Systems
Transfer students into the Information Systems program from a Florida community college are not required to have Calculus III, Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

All other transfer students should contact the College’s Admission Office (813/974-2684).

- **Required Prerequisites for Entering Engineering programs**
  Once a student has been admitted to the College of Engineering, he/she must then seek admission into one of the specific departments.

  The minimum requirements for acceptance by the departments administering the Engineering programs in Chemical, Civil, Electrical, Industrial and Mechanical Engineering are completion of English, Calculus, Differential Equations, Physics and Chemistry requirements.

  The minimum requirements for admission to the Computer Engineering, Computer Science, and Information Systems programs offered by the Computer Science and Engineering Department are completion of English I & II, Physics I & II (and labs) and Calculus I & II with a grade point average of 3.0 or higher in those eight courses. Following departmental admission, it is necessary that a student complete the courses CDA 3100 (Computer Organization), and COP 3514 (Program Design) with a grade point average for all attempts of at least 3.0 prior to taking any other departmental courses.

  Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Individual departments may have continuation requirements.

  A student can have his or her academic records housed in a department and be advised by the department advisor prior to completing requirements for department admission if he or she so chooses. This type of student must still comply with all of the above-listed requirements prior to official acceptance by the department.

- **Bachelor's Curriculum Industrial and Management Systems Engineering**

  **Semester I**
  - CHM 2041 Chemistry I 3
  - CHM 2045L Chemistry I Lab 1
  - EGN 3000 Foundations of Engineering 1
  - ENC 1101 Composition I 3
  - MAC 2281 Eng. Calculus I 3
  - Social Science Elective 3
  - **Total 14**

  **Semester II**
  - CHM 2042 Chemistry II 3
  - EGN 2031 History of Technology 3
  - ENC 1102 Composition II 3
  - MAC 2282 Eng. Calculus II 4
  - PHY 2048 Physics I 3
  - PHY 2048L Physics I Lab 1
  - **Total 17**

  **Semester III**
  - EGN 3443 Engineering Probability Statistics I 3
  - MAC 2283 Calculus III 4
  - PHY 2049 Physics II 3
  - PHY 2049L Physics II Lab 1
  - Historical Perspectives 3
  - **Total 14**

  **Semester IV**
  - EGN 3311 Statics 3
  - EGN 3373 Electrical Systems Engineering I 3
  - EGN 4450 Linear Systems 2
  - MAP 2302 Differential Equations 3
  - Fine Arts Elective 3
  - **Total 14**

  **Summer Term**
  - EGN 1113 Engineering Graphics 3
  - EGN 4930 Engineering Econ. with Social and Global Implications 3
  - ALAMEA Elective 3
  - **Total 9**

  **Semester V**
  - COP 2510 Programming Concepts 3
  - EGN 3365 Materials Engineering I 3
  - EIN 4312L Work Analysis Lab 1
  - EIN 4411 Manufacturing Processes 2
  - EIN 4411L Manufacturing Processes Lab 1
  - ESI 4312 Deterministic OR 3
  - **Total 15**

  **Semester VI**
  - EGN 3343 Thermodynamics 3
  - EIN 4333 Production Control 3
  - EIN 4801 Automation/Robotics 2

Continued
<table>
<thead>
<tr>
<th>Semester VII</th>
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<tbody>
<tr>
<td>EIN 4364</td>
<td>Facilities Design I 2</td>
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<tr>
<td>EIN 4364L</td>
<td>Facilities Design I Lab 1</td>
</tr>
<tr>
<td>EIN 4933</td>
<td>Management Cost 3</td>
</tr>
<tr>
<td>ESI 4244</td>
<td>Design of Experiments 3</td>
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<tr>
<td>ESI 4523</td>
<td>Simulation 2</td>
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<td>ESI 4523L</td>
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<th>Semester VIII</th>
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<tbody>
<tr>
<td>EIN 4313</td>
<td>Human Factors 2</td>
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<tr>
<td>EIN 4313L</td>
<td>Human Factors Lab 1</td>
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<tr>
<td>EIN 4365</td>
<td>Facilities Design II 3</td>
</tr>
<tr>
<td>ESI 4221</td>
<td>Industrial Statistics/Quality 2</td>
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<td>ESI 4221L</td>
<td>Industrial Statistics/Quality Lab 1</td>
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<td>Communication for Engineers 3</td>
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<td>Tech Elective</td>
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<td>Total</td>
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</table>
INDUSTRIAL-TECHNICAL EDUCATION (TRADE AND INDUSTRIAL EDUCATION)

COLLEGE: EDUCATION
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE
PROGRAM: INDUSTRIAL-TECHNICAL EDUCATION

LIMITED ACCESS PROGRAM: YES—THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Program Director, Undergraduate Advising, Education, (813) 974-2458
ST. PETERSBURG (Partial) / Advisor, Education, (813) 893-1581

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, they must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

- In addition to the courses listed below, students must complete "Preliminary Requirements for Students Entering Teacher Education Programs."

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<thead>
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<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>EDF X005</td>
<td>Introduction to Education</td>
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<tr>
<td>(waived for ITE majors with certification and teaching experience)</td>
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<tr>
<td>EDG 2701</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
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<tr>
<td>(completing EVT 4651 and EVT 4562 exempts ITE majors from this course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EME 2040</td>
<td>Introduction to Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>(equivalent course or demonstrated competency may be substituted)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XXX XXXX</td>
<td>Courses in an area of vocational specialization</td>
<td>15</td>
</tr>
</tbody>
</table>

At least one course taken to meet the natural science requirements in General Education must include a laboratory component. In addition to EDG 2701, Lower division courses must include 6 credit hours with an international or diversity focus.

- Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required. Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST. Professional education courses taken at the community college will transfer as general electives.

- Requirements for the B.S. Degree
Enrollment in the Industrial-Technical Education program is restricted to persons with employment experiences qualifying them to teach in Industrial, Technical, Health Occupations, or Public Service areas.

Special provision is made for students to satisfy four (4) of the required six (6) years of work experience in a specific occupation by completing an Associate of Science degree program in a technological specialty or successfully completing an appropriate occupational competency exam. Acceptability of work experience will be determined by the program advisor.

Students may validate up to 30 semester hours of credit through the Occupational Competency Testing Program, or appropriate licensure or certificate.

Specialization and Professional Education Core (36-48 cr. hrs.):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ADE 4384</td>
<td>Working With Adult Learners</td>
<td>3</td>
</tr>
<tr>
<td>EVT 3604</td>
<td>Social Foundations of Education (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>EIV 4360</td>
<td>Special Teaching Methods: Industrial-Technical Education</td>
<td>4</td>
</tr>
<tr>
<td>EVT 4065</td>
<td>History &amp; Principles of Vocational Education</td>
<td>4</td>
</tr>
<tr>
<td>EVT 4084</td>
<td>Professional Development in Industrial Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>EVT 4165</td>
<td>Curriculum Construction: Industrial-Technical Education</td>
<td>4</td>
</tr>
<tr>
<td>EVT 4365</td>
<td>Basic Teaching Methods in Vocational Education</td>
<td>4</td>
</tr>
<tr>
<td>EVT 4367</td>
<td>Assessing Student Skill in Industrial-Technical Education</td>
<td>4</td>
</tr>
<tr>
<td>EVT 4562</td>
<td>Vocational Education for Special Needs Students</td>
<td>4</td>
</tr>
<tr>
<td>EVT 4651</td>
<td>Equity in Schools &amp; Workplace (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>EVT 4936*</td>
<td>Senior Seminar in Education</td>
<td>2</td>
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<tr>
<td>EVT 4940*</td>
<td>Internship</td>
<td>10</td>
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</tbody>
</table>

*EVT 4940 and 4936 waived for those with certification and teaching experience

Please be advised that the information above is subject to change. Please contact an academic advisor in the College of Education at the University of South Florida for the most current information.
INDUSTRIAL-TECHNICAL EDUCATION

COLLEGE: EDUCATION
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE
OPTION/TRACK: TECHNOLOGY EDUCATION

LIMITED ACCESS PROGRAM: YES - THIS PROGRAM HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Program Director, Undergraduate Advising, Education, (813) 974-2458
- ST. PETERSBURG (Partial) / Advisor, Education, (813) 893-1581

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

In addition to the courses listed below, students must complete “Preliminary Requirements for Students Entering Teacher Education Programs.”

EDF X005 Introduction to Education 3
EDG 2701 Teaching Diverse Populations 3
EME 2040 Introduction to Educational Technology 3
XXX XXXX Courses in an area of technological specialization 15

At least one course taken to meet the natural science requirements in General Education must include a laboratory component.

Requirements for the B.S. Degree

Within the EVT program, students can pursue state certification in Technology Education. In general, students enrolling in the Technology Education program are expected to have successfully completed, at a community college, most of the technical laboratory courses required for Florida Teacher Certification. Teacher certification requires students to have 30 semester hours, with three (3) semester hours in each of the following areas: (a) materials and processes, (b) drafting and design, (c) energy, (d) graphics, (e) electronics, (f) construction, and (g) industrial systems.

Students entering this program will have their transcripts evaluated to determine if all technical course requirements have been met. If the student has not completed the technical course requirements, the deficiencies may be corrected by enrolling in the required course(s) at a community college. Since this evaluation procedure is unique to the Technology Education Program, the application for admission should clearly indicate the desired major field as Technology Education.

The program of studies includes both course work and extensive field experience in school settings. This is to enable students to integrate theory with teaching practice.

Technology Education students must complete the General Education Requirements of 36 semester hours, Prerequisites of 24 semester hours, the Professional Education Core Requirements of 25-30 semester hours, the Technical Course Requirements of 30 semester hours, and 19 semester hours in Adult and Vocational Education.

Specialization and Professional Education Core (19 cr. hrs.):

EIA 3192 Technology Education and Society 4
EIA 4360 Special Teaching Methods:
EIV 4210 Program Management: Industrial-Technical Education 4
EVT 4165 Curriculum Construction: Industrial-Technical Education 4
EVT 4365 Basic Teaching Methods in Vocational Education 4

Plus electives selected with advisor approval.
INFORMATION SYSTEMS

COLLEGE : ENGINEERING
SCHOOL : NONE
DEGREE : BACHELOR OF SCIENCE IN INFORMATION SYSTEMS
PROGRAM : INFORMATION SYSTEMS

LIMITED ACCESS PROGRAM: NO.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Engineering, (813) 974-2684
LAKELAND (Partial) / Advisor, Engineering, (941) 667-7011
SARASOTA (Partial) / Advisor, Engineering, (941) 359-4331

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF (State Mandated Common Prerequisites)

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

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

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

The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

- COP XXXX* 3
- MAC X311 4
- MAC X312 4
- PHY X048/X048L 4
- PHY X049/X049L 4
- or PHY X049C 4

*Introductory Programming in Ada, C, C++, or PASCAL or equivalent language.

Natural Sciences:
- XXX XXXX** 6

**Two (2) science courses for science majors.

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

• Procedures for Applying to the College of Engineering

Before declaring a particular major within the field of engineering, students must meet two sets of admission requirements: one for the College of Engineering and the other for the student’s chosen degree program (see “College of Engineering Admission Requirements” and “Admission Requirements for Programs in Engineering” below). Students may apply to the College of Engineering upon initial entry to the University by declaring Engineering as their intended major on their admissions application. When a student is accepted to USF, engineering staff will review the necessary credentials and notify the applicant of his or her Engineering status.

USF students may apply through the Advising Office, in the College of Engineering. To be considered for admission to the College, an applicant must be accepted by the University as a degree-seeking student and be academically in good standing.

Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL score must be 550.

• College of Engineering Admission Requirements

1. Freshmen:
   a. Test Scores:
      SAT—combined score of 1050 minimum with a minimum quantitative of 550.
      ACT—combined score of 25 minimum and mathematics of 25 minimum.
   b. High School Mathematics: Should include sufficient algebra and trigonometry to enter Engineering Calculus I.
   c. High School Grade Point Average of 2.5/4.0.

2. Transfer Students:
   a. Engineering
      Florida community college transfer students that have completed the courses shown below with a minimum grade of "C" are accepted directly into the College of Engineering.

Communications:
- ENC 1101/1102 English I and II (6)
Mathematics:
- MAC 2311 Engineering Calculus I (4) or MAC 2281, MAC 2282, MAC 2283
- MAC 2312 Engineering Calculus II (4) or MAC 2281, MAC 2282, MAC 2283
- MAC X283 Engineering Calculus III (4) or MAC 2281, MAC 2282, MAC 2283
- MAP X302 Differential Equations (3)
Natural Sciences:
- CHM X045/X045L General Chemistry I (with lab) (4) or CHS 1440 Chemistry for Engineers
- PHY X048/X048L General Physics and Laboratory I (4)
- PHY X049/X049L General Physics and Laboratory II (4)
Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)
   b. Computer Science
      Transfer students into the Computer Science program from a Florida community college are not required to have Differential Equations, MAP X302, or any of the Chemistry courses indicated above.
   c. Information Systems
      Transfer students into the Information Systems program from a Florida community college are not required to have Calculus III, Differential Equations, MAP X302, or any of the Chemistry courses indicated above.

Continued
All other transfer students should contact the College’s Admission Office (813/974-2684).

### Required Prerequisites for Entering Engineering Programs

Once a student has been admitted to the College of Engineering, he/she must then seek admission into one of the specific departments. The minimum requirements for acceptance by the departments administering the Engineering programs in Chemical, Civil, Electrical, Industrial and Mechanical Engineering are completion of English, Calculus, Differential Equations, Physics and Chemistry requirements.

The minimum requirements for admission to the Computer Engineering, Computer Science, and Information Systems programs offered by the College of Science and Engineering Department are completion of English I & II, Physics I & II (and labs) and Calculus I & II with a grade point average of 3.0 or higher in those eight courses. Following departmental admission, it is necessary that a student complete the courses CDA 3100 (Computer Organization), and COP 3514 (Program Design) with a grade point average for all attempts of at least 3.0 prior to taking any other departmental courses.

Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Individual departments may have continuation requirements.

A student can have his or her academic records housed in a department and be advised by the department advisor prior to completing requirements for department admission if he or she so chooses. This type of student must still comply with all of the above-listed requirements prior to official acceptance by the department.

### Bachelor's Curriculum Information Systems

<table>
<thead>
<tr>
<th>Semester I</th>
<th>MAC 2281/2233 Calculus I</th>
<th>ENC 1101 Composition I</th>
<th>AGC 2021 Principles of Accounting I</th>
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INTERDISCIPLINARY NATURAL SCIENCES

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT: TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

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

Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

- Biology I and Biology II
  (BSC 2010, 2010L, BSC 2011, 2011L) 8
- Calculus
  (MAC 2233, MAC 2234 or MAC 2311, MAC 2312) 6-8
- General Chemistry
  (CHM 2041, CHM 2045L, CHM 2046, CHM 2046L) 8
- Organic Chemistry
  (CHM2210, CHM2210L, CHM2211, CHM2211L) 8
- General Physics
  (PHY 2053, PHY 2053L, PHY 2054, PHY 2054L or PHY 2048, PHY 2048L, PHY 2049, PHY 2049L) 8
- Introduction to Physical Geology and History of the Earth and Life
  (GLY 2010, GLY 2015L, GLY 2100, GLY 2100L) 8

Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

Requirements for the B.A. in Interdisciplinary Natural Sciences

The Interdisciplinary Natural Science degrees serve the academic and career goals of undergraduate students who seek a broad education in the Natural Sciences (Biology, Chemistry, Physics, Mathematics, Geology). There are two Interdisciplinary Natural Science degrees, the Interdisciplinary Natural Science degree (INS) which encompasses all five natural science disciplines and the Interdisciplinary Natural Science degree, Health Professions track (INH) specializing in the science courses for the health professions.

Coursework required for Interdisciplinary Natural Science majors:

TIER 1
Two introductory courses in each of 5 natural sciences areas (Math, Physics, Chemistry, Biology, Geology) totaling 40 hours:

- Calculus I and II
  (MAC 2233, 2234 or MAC 2311, 2312 or MAC 2281, 2282)
  (STA 2023 could be substituted for Calculus II)
- Biology I and II
  (BSC 2010, 2010L and BSC 2011, 2011L)
- General Chemistry I and II
  (CHM 2045, 2045L and CHM 2046, 2046L)
- Geology I and II
  (GLY 2010, 2015L and GLY 2100, 2100L)
- Physics I and II
  (PHY 2053, 2053L, 2054, 2054L, or PHY 2048, 2048L, 2049, 2049L)

TIER 2
At least 8 hours of structured, upper division (3000 level or higher) courses in three of the five natural sciences areas, totalling 24 hours. All Tier 2 courses in the sciences will be selected by the individual student, but must be chosen from the list of courses approved for department Major credit.

Residency
At least 12 of the 24 hours at Tier 2 must be taken at USF.
INTERDISCIPLINARY NATURAL SCIENCES

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : HEALTH PROFESSIONS

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
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There are no State Mandated Common Prerequisites for this degree program.

Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Biology I and Biology II
(BSC 2010, 2010L, BSC 2011, 2011L) 8
Calculus
(MAC 2233, MAC 2234 or MAC 2311, MAC 2312) 6-8
General Chemistry
(CHM 2041, CHM 2045L, CHM 2046, CHM 2046L) 8
Organic Chemistry
(CHM2210, CHM2210L, CHM2211, CHM2211L) 8
General Physics
(PHY 2053, PHY 2053L, PHY 2054, PHY 2054L or PHY 2048, PHY 2048L, PHY 2049, PHY 2049L) 8
Introduction to Physical Geology and History of the Earth and Life
(GLY 2010, GLY 2015L, GLY 2100, GLY 2100L) 8

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the B.A. in Interdisciplinary Natural Sciences Health Professions Track
The Interdisciplinary Natural Science Degree Health Professions track (INH) is designed to fulfill the major requirements for many professional schools in the Health Sciences (e.g. Medicine, Veterinary Medicine, Dentistry). Students contemplating graduate study should pursue a major in the discipline of their interest, such as Biology, Chemistry, or Microbiology. For the INH track, students must complete a minimum of 58 credit hours in natural sciences with a C- or higher in all required courses for the Major.

Required Natural Science Courses:
Biology:
BSC 2010 Biology I - Cellular Processes (3)
BSC 2010L Biology I Lab (1)
BSC 2011 Biology II - Diversity (3)
BSC 2011L Biology II Lab (1)
MCB 3030C General Microbiology (4)
BSC 2093 Human Anatomy and Physiology II* (3)
BSC 2994 Human Anatomy and Physiology II* (3)
Chemistry:
CHM 2045 General Chemistry I (3)
CHM 2045L General Chemistry I Lab (1)
CHM 2046 General Chemistry II (3)
CHM 2046L General Chemistry II Lab (1)
CHM 2210 Organic Chemistry I (3)
CHM 2210L Organic Chemistry I Lab (1)
CHM 2211 Organic Chemistry II (3)
CHM 2211L Organic Chemistry II Lab (1)
or
CHM 3120C Elementary Analytical Chemistry (4)
BCH 3023 Introductory Biochemistry (3)
or
CHS 4300 Fundamentals of Clinical Chemistry (3)
Mathematics:
MAC 2233 Life Sciences Calculus I (4)
MAC 2234 Life Sciences Calculus II (4)
or
STA 2023 Introductory Statistics (4)

Continued
### Required Biology Electives:

Minimum of 6 credit hours in TWO of the following courses. One course must be with lab. Select from the following courses, noting prerequisites where applicable:

- MCB 4115 Determinative Bacteriology (5)
- MCB 4404 Microbial Physiology and Genetics (4)
- MCB 4404L Microbial Physiology and Genetics Lab (1)
- MCB 5815 Medical Mycology (3)
- MCB 4502 Virology (3)
- PCB 3023 Cell Biology (3)
- PCB 3023L Cell Biology Lab (1)
- PCB 3063 General Genetics (3)
- PCB 3063L Genetics Lab (1)
- PCB 4064C Experimental Genetics (3)
- PCB 5235 Principles of Immunology (3)
- or
- PCH 6511 Tropical Health Immunology (3)
- ZOO 4753C Histology (3)

### Required Natural Science Electives:

Minimum of 7 credit hours in Biology, Chemistry, or Physics. Select from the following list, noting prerequisites where applicable, and not duplicating courses used to meet the above requirements:

- BCH 3023 Biochemistry (3)
- BCH 3023L Biochemistry Lab (1)
- BCH 4034 Advanced Biochemistry (3)
- CHM 3120C Elem. Analytical Chemistry (4)
- CHS 4300 Clinical Chemistry (3)
- CHS 4301L Clinical Chemistry Lab (2)
- HSC 4203 Introduction to Public Health (3)
- HSC 4554 Survey of Human Disease (3)
- MCB 4115C Determinative Bacteriology (5)
- MCB 4404 Microbial Phys/Genetics (4)
- MCB 4404L Microbial Phys/Genetics Lab (1)
- MCB 4502 Virology (3)
- MCB 5206 Pub. Health/Pathogenic Micro (3)
- MCB 5815 Medical Mycology (3)
- PCB 3023 Cell Biology (3)
- PCB 3023L Cell Biology Lab (1)
- PCB 3063 General Genetics (3)
- PCB 3063L General Genetics Lab (1)
- PCB 4064 Experimental Genetics (3)
- PCB 4723 Animal Physiology (3)
- PCB 4723L Animal Physiology Lab (1)
- PHY 2053 Physics I (3)
- PHY 2053L Physics I Lab (1)
- PHY 2054 Physics II (3)
- PHY 2054L Physics II Lab (1)
- ZOO 4753C Histology (4)

*NOTE: Students may substitute General Physics I and II (PHY 2053, PHY 2053L; PHY 2054, PHY 2054L) for BSC 2093, BSC 2094 (Human Anatomy and Physiology).

At least 12 hours of upper division science courses must be completed as USF.
INTERDISCIPLINARY SOCIAL SCIENCES

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Dr. Gagan, ISS, Coordinator, Arts and Sciences, (813) 974-0977
- LAKE LAND / Advisor, Arts and Sciences, (941) 667-7011
- SARASOTA / Advisor, Arts and Sciences, (941) 359-4331
- ST. PETERSBURG / Advisor, Arts and Sciences, (813) 893-9507
- NEW INITIATIVES:
  - PASCO / HERNANDO / Advisor, (813) 979-0983
  - NORTH PINeway / Advisor, (813) 979-0983

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

Students are encouraged to choose from the following courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. A grade of "C" is the minimum acceptable transfer grade.

- AFA 2000 Black Experience (3)
- AMH 2010 American History I (3)
  or
- AMH 2020 American History II (3)
- ANT 2000 Introduction to Anthropology (3)
- ECO 2013 Economic Principles (Macroeconomics) (3)
- ECO 2023 Economic Principles (Microeconomics) (3)
- GEA 2000 World Geography (3)
- POS 2041 National Government (3)
  or
- POS 2112 State and Local Government (3)
- SYG 2000 Introduction to Sociology (3)

• Admission Requirements to the University Program of Study

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

• Requirements for the B.A. degree in Interdisciplinary Social Sciences

1. Required core courses for the major are:
- ISS 3010 Introduction to Social Sciences (3)
- ISS 4935 Seminar in the Social Sciences - MW (3)
- STA 2122 Social Sciences Statistics - 6A QM (3)

2. The ISS student chooses between two cognate areas and completes twelve hours in each. Twenty available cognates (listed below) range from Africana Studies, to Criminal Justice, Sociology, and Women's Studies. In addition, three special electives emphasize cultural diversify.

3. Students should work out a program of study at the onset of their junior year, particularly before too many courses are completed in the College of Arts and Sciences. No student should assume that courses already completed in CAS will automatically count toward the ISS degree.

4. The completion of 42 approved hours of course work from the College of Arts and Sciences (CAS), with a minimum of 30 hours at the 3000 or above level.

5. Students must maintain a minimum grade point average of 2.0 in ISS to graduate.

6. ISS majors must satisfy two semesters of a foreign language in order to graduate.

7. Other personal curricula may be tailored for those highly motivated students, with a minimum grade point average of 3.2, developed with the approval of the advisor. This course of study will be directed toward the special educational interests of these students. An in-depth Honors Research Paper will be required of students taking this option.

No transfer courses with grades of "D" are acceptable for credit in the ISS major.

COGNATE AREAS - Students select two areas and take 12 hours in each. Cognates must be selected from the areas of study listed below:
- AFA, ANT, CCJ, ECN, EVR, GEY, GPY, HTY, HUM, HUS, INT, ITT, LAS, LSH, PAD, POL, PSY, SOC, SOW, and WST.
INTERDISCIPLINARY STUDIES

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF INDEPENDENT STUDIES
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED: THIS PROGRAM IS AVAILABLE ONLY THROUGH THE BIS PROGRAM DIRECTOR.
CONTACT: DIRECTOR, SUS EXTERNAL DEGREE PROGRAM, USF, TAMPA CAMPUS
FAO 285
(813) 974-8133

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

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

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Bachelor of Independent Studies (BIS)
The Bachelor of Independent Studies (BIS) Program is the State University System External Degree Program. The universities currently involved are Florida International University, Florida State University, the University of Florida, the University of North Florida, and the University of South Florida. The administrative office for the statewide program is located at USF in Tampa.

Founded in 1968, the external degree program is for adults who find it difficult to attend regular university classes because of career or family commitments. The BIS student proceeds at his/her own pace and, for the most part, in his/her own setting. The exception is the summer seminars which require periodic, short-term campus residence.

Curriculum
The curriculum consists of four study areas: the Humanities, Natural Sciences, Social Sciences and Inter-area Study. The first three areas of study are completed through a tutorial and a resident seminar. While the seminar is of short duration, the tutorial for each area requires a longer commitment of time. The student may begin in any of the first three study areas and is encouraged to start in his/her area of strength.

Tutorials
The tutorial or guided independent study is predominantly print intensive, with core and suggested readings drawn from the BIS Guide to Independent Studies. In the Humanities tutorial, for example, the student reads across the disciplines of the Humanities Study Area which include Language, Literature, Philosophy, Art, Drama, and Architecture. Selected works are reviewed within the framework of historical periods. Tutorial objectives include knowledge of the basic principles of each of the genres and periods, the ability to visualize relationships between the disciplines, grasp of the nomenclature of the disciplines, and the capacity to apply basic concepts to current issues. The student is responsible for systematic interaction with the faculty mentor who directs the reading process and evaluates the student’s progress.

In the Natural Sciences tutorial, the BIS learner studies Science -- Science for the non-scientist. Emphasis is placed on the interrelationships of the disciplines of Science. Topics illustrative of this interdisciplinary approach to Sciences include Mathematics, Physics, Chemistry, Biology, Astronomy, Geology, Ecology, History, and Philosophy of Science, and the impact of Science on Technology. As is the case with other tutorials the learning objectives involve concepts, nomenclature, cross-disciplinary insights, and application of concepts/methods to current issues.

In the Social Sciences tutorial, the student reads selected core and supplementary reading and completes written projects in each of the basic disciplines of the Social Science Study Area. These include Anthropology, Economics, Geography, History, Political Science, Psychology, Women’s Studies, and Sociology. Tutorial objectives include knowledge of the basic concepts and principles of each discipline, familiarity with major social science research techniques, understanding of the relationships among the different disciplines, and the ability to apply disciplinary or interdisciplinary concepts or models to current issues.

Following each tutorial, the student completes a comprehensive examination in order to demonstrate that a satisfactory level of proficiency has been attained in the independent study component of a particular area. The exam may be taken on or off campus. A major research paper is also undertaken in each of the tutorials. It is normally completed at the end of a tutorial.

Seminars
Students are required to attend two-week seminars on the USF campus. There is a seminar for each of the first three study areas (Humanities, Natural Sciences, and Social Sciences). Each seminar represents a period of intensive residential learning under the direction of a team of faculty members. Seminar faculty teams identify the subject matter and activities of each seminar. Humanities seminars, for example, are often thematically oriented but the focus is on interdisciplinary concerns. A number of historical periods may be approached through discussion of art, music, literature, and architecture. In a Natural Sciences seminar, the focus is on an interdisciplinary approach to learning about Science. Social Sciences seminar faculty focus on the knowledge gained in the tutorial with an emphasis on synthesis, extension, and application of this learning to selected topics such as energy, patterns of human behavior, and human rights.

Seminars activities also vary with the study area. A visit to a museum or art gallery goes with a Humanities Seminar. In Science, laboratory experiences and field trips are utilized to show students the ways of Science and to allow them to experience the excitement of discovery. Many of the activities described in a Social Sciences Seminar syllabus are used in other seminars as well, i.e., lectures by faculty team members or guest lecturers, presentations by group members, group discussion, library research, learning journals, and a research paper.

Students in all seminars may be asked to read materials related to the seminar theme prior to the seminar and to complete written assignments after the completion of the two-week seminar period. Seminars meet for two consecutive six-day weeks and activities take up a full day. Further study and assignments occupy the evening hours.

Undergraduate Thesis
The fourth study area or Inter-area Study calls for a synthesis of the first three study areas via the preparation and defense of an undergraduate thesis. The student begins the Area with a reading leading to the completion of an undergraduate thesis prospectus under the direction of a primary adviser. Following approval of the prospectus by a committee composed of three faculty, the student writes the study under the direction of the committee chairperson. The final step is to complete successfully an oral examination on the thesis.

University of South Florida - Community College Counseling Manual
INTERNATIONAL STUDIES

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
- ST. PETERSBURG / Advisor, Arts and Sciences, (813) 893-9507

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF

(State Mandated Common Prerequisites)

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

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

While the INT program does not have mandatory prerequisites, a student may apply up to 10 credit hours of lower level courses from the following list: ANT 2410, Cultural Anthropology; GEA, World Regional Geography; CPO 2002, Comparative Politics; INR 2002, Introduction to International Relations; REL 2300, Introduction to World Religions; or GEB, Doing Business Around the World.

- Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

- Requirements for the Major in International Studies

The major consists of a minimum of 37 semester hours. At least 18 of these hours (six courses) must be from the International Studies Program offerings. The six required courses are:

INR 3003 Introduction to International Studies (3)
INR 3038 International Wealth and Power (3)
INR 3081 International Issues and Actors (3)
INR 4936 Senior Seminar (3)

Plus one topical and one area studies course chosen from the INT upper division electives. It is recommended that the student complete INR 3003 before taking INR 3081.

The additional 19 hours may be selected from international offerings or from course offerings of other departments, which are approved by the major adviser as having adequate international or cross-cultural content. Students may also take upper level electives from the International Studies curriculum.

With the approval of the major adviser, credits earned in INR 4900 (1-3) and INR 4910 (1-3) may be used to augment or substitute for the foregoing requirements. Students are encouraged, but not required, to engage in study abroad programs, a large number of which have been approved by the USF International Affairs Center. Credits earned in such programs apply toward graduation and many also apply to the INT major.

Required Supporting Courses

Students must pass a 2000 level foreign language course (that is, at least one semester of foreign language study beyond the first year introductory courses), or complete one year of study of a non-Western language. Students who are bilingual or who are already conversationally fluent or who can translate with facility from a foreign language text are exempt from the above course requirement, but the INT faculty may require demonstration of proficiency.

Students will be provided with academic advice and counsel about other courses offered throughout the university which may support and complement their major program. INT majors should plan their programs in conjunction with the adviser who is empowered to make appropriate substitutions when educationally justified.
ITALIAN

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503
Language Advisor, (813) 974-2762

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

Students should demonstrate proficiency at the intermediate level within the target language. This may be accomplished by completing 6-12 hours within the language or by demonstrated competency at the intermediate level. If this coursework (or associated competency) is not completed at the community college, it must be completed before the degree is granted. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

ECN 1101 English I (3)
ECN 1102 English II (3)
Social Science (any HIS, SOC, ANT, etc.) (6)
Humanities (any HUM) (6)
Beginning and Intermediate “Target Language” (1120, 1121, and 2200) (14-19)

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the B.A. Degree

Required courses for the major (15 cr. hrs.)
ITA 2240 Italian Conversation I (4)
ITA 3420 Composition (3)
ITW 4100 Survey of Italian Literature I (4)
ITW 4101 Survey of Italian Literature II (4)

Supporting courses required for the major
17 hours in 3000 or 4000 level courses, including approved courses in related disciplines, planned with the advisor.
LIBERAL STUDIES

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : YES - THIS PROGRAM HAS ADDITIONAL ADMISSIONS REQUIREMENTS

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

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

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required.

Students must apply for admission to the program separately from applying to the university. To apply for the Liberal Studies Program, students must (1) have completed a minimum of 20 and no more than 80 semester hours, (2) have a minimum overall grade point average of 3.00 at the time of admission, and (3) submit a written proposal and program of study, explaining the student’s special academic circumstances and goals for which this major is appropriate. This proposal must be approved by a faculty committee of three professors (Chair to be selected by the student) to be assembled by the student and the Director of the Major who is located in the Dean’s Office.

• Requirements for the B.A. Degree
The student must complete the General Education Requirements (and all other university requirements), and a minimum of 4 semesters of one foreign language. The remaining hours will be devoted to interdisciplinary study in the College of Arts and Sciences. Ideally, the hours will include courses in the social sciences, humanities, and natural sciences. In the student’s last semester, the faculty committee must approve a senior paper.
MANAGEMENT

COLLEGE: BUSINESS ADMINISTRATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: YES-THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Director of Advising, Business Administration, (813) 974-4290
LAKELAND (Partial) / Advisor, Business Administration, (863) 667-7011
SARASOTA (Partial) / Advisor, Business Administration, (941) 359-4331/4330
ST. PETERSBURG (Partial) / Advisor, Business Administration, (727) 553-1542

• Program of Study at a Florida Community/Junior College for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
The State of Florida has identified common course prerequisites for the College of Business Administration degree programs. These prerequisites are required for admission to the upper-division program and normally must be completed by the student prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.
The following common prerequisites or their substitutions are necessary for admission to the College of Business Administration upper-division degree programs:

- ACG X021 Financial Accounting (or ACG X001 & ACG X011)
- ACG X071 Managerial Accounting (not required of students majoring in Accounting)
- CGS X100 Computers in Business (or acceptable substitute)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100

Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the college of Business Administration.

Students should not take finance, management, or marketing courses at the community college which are offered at the upper division level at USF. Such courses are not accepted as substitutes for upper-level requirements without proper validation after enrolling in the College of Business Administration. Without validation, such courses transfer as elective credits.

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required.

To be admitted to the College of Business Administration, the student must first be accepted to the University of South Florida. Additionally, students must have completed a minimum of 60 semester hours, earned a minimum 2.5 cumulative grade point average on all college-level work and minimum 2.0 on all credit attempted at USF including any prior to renewal. In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business except GEB 4890, provided they have completed 60 semester hours and have met course prerequisites. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

PROGRAM OF STUDY AT THE UNIVERSITY
The foundation courses common to all majors in business consists of the 18 hours of prerequisites plus the following (three-hour) courses:

- ACG 2021 Principles of Financial Accounting (3)
- ACG 2071 Principles of Managerial Accounting (3)
- ECO 2013 Economic Principles: Macroeconomics (3)
- ECO 2023 Economic Principles: Microeconomics (3)
- QMB 2100 Business & Economic Statistics I (3)
- BUL 3320 Law and Business I (3)
- ECO 3100 Managerial Economics (3)
- FIN 3403 Principles of Finance (3)
- ISM 3011 Information Systems in Organizations (3)
- QMB 3200 Business & Economic Statistics II (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)
- GEB 4890 Strategic Mgmt/Decision Making (3)

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program as listed in the General Requirements section, students must complete 18 hours of management beyond MAN 3025.

Required Management Courses:

- MAN 3240 Organizational Behavior Analysis 3
- Additional upper-level management courses 15-21
Total 18-24

MAN 4504 and MAN 4507 do not count toward the management major.

Students are encouraged to seek additional curriculum advice from the Management Department.
MANAGEMENT INFORMATION SYSTEMS

COLLEGE: BUSINESS ADMINISTRATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: YES—THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Director of Advising, Business Administration, (813) 974-4290
- LAKELAND (Partial) / Advisor, Business Administration, (863) 667-7011
- SARASOTA (Partial) / Advisor, Business Administration, (941) 359-4331/4330
- ST. PETERSBURG / Advisor, Business Administration, (727) 553-1542

Program of Study at a Florida Community/Junior College for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
The State of Florida has identified common course prerequisites for the College of Business Administration degree programs. These prerequisites are required for admission to the upper-division program and normally must be completed by the student prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following common prerequisites or their substitutions are necessary for admission to the College of Business Administration upper-division degree programs:

- ACG X021 Financial Accounting (or ACG X001 & ACG X011)
- ACG X071 Managerial Accounting (not required of students majoring in Accounting)
- CGS X100 Computers in Business (or acceptable substitute)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100

Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the college of Business Administration.

Students should not take finance, management, or marketing courses at the community college which are offered at the upper division level at USF. Such courses are not accepted as substitutes for upper-level requirements without proper validation after enrolling in the College of Business Administration. Without validation, such courses transfer as elective credits.

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required.

To be admitted to the College of Business Administration, the student must first be accepted to the University of South Florida. Additionally, students must have completed a minimum of 60 semester hours, earned a minimum 2.5 cumulative grade point average on all college-level work and minimum 2.0 on all credit attempted at USF including any prior to renewal. In computing entry grade point average all business and economics courses taken for $ or U grades will be converted to C or F, respectively. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business except GEB 4890, provided they have completed 60 semester hours and have met course prerequisites. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

Program of Study at the University
The foundation courses common to all majors in business consists of the 18 hours of prerequisites plus the following (three-hour) courses:

- ACG 2021 Principles of Financial Accounting (3)
- ACG 2071 Principles of Managerial Accounting (3)
- ECO 2013 Economic Principles: Macroeconomics (3)
- ECO 2023 Economic Principles: Microeconomics (3)
- QMB 2100 Business & Economic Statistics I (3)
- BUL 3320 Law and Business I (3)
- ECO 3100 Managerial Economics (3)
- FIN 3403 Principles of Finance (3)
- ISM 3011 Information Systems in Organizations (3)
- QMB 3200 Business & Economic Statistics II (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)
- GEB 4890 Strategic Mgmt/Decision Making (3)

Requirements for the B.A./B.S. Degree: Within the 120 semester hour program listed in the General Requirements section, students must complete a set of six MIS courses and two approved MIS electives. MIS majors must earn a "C" or better in all required MIS courses; they can use grade forgiveness for only one upper-level MIS course.

Required MIS Courses:
- ISM 3232 Business Application Development* (3)
- ISM 3113 Systems Analysis and Design* (3)
- ISM 4212 Database Administration (3)
- ISM 4220 Business Data Communications (3)
- ISM 4300 Managing Information Resources (3)

One of the following:
- ISM 4234 Object Oriented Design (C++) (3)
- ISM 4XXX Web Application Development/Java (3)

Plus Approved MIS Electives** (3)

Total 24

*ISM 3232 (Business Application Development) is to be taken before, or concurrently with, ISM 3113 (Systems Analysis and Design) which is a prerequisite for all other required MIS courses. Normally ISM 3113 should be completed by the end of the first semester of the junior year.

**No more than three hours of ISM 4950 may be counted as MIS electives. (ISM 4905 will not count as an MIS elective.)
MARKETING

COLLEGE: BUSINESS ADMINISTRATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: YES - THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Director of Advising, Business Administration, (813) 974-4290
- LAKELAND (Partial) / Advisor, Business Administration, (863) 667-7011
- SARASOTA (Partial) / Advisor, Business Administration, (941) 359-4331/4330
- ST. PETERSBURG (Partial) / Advisor, Business Administration, (727) 553-1542

Program of Study at a Florida Community/Junior College for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
The State of Florida has identified common course prerequisites for the College of Business Administration degree programs. These prerequisites are required for admission to the upper-division program and normally must be completed by the student prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following common prerequisites or their substitutions are necessary for admission to the College of Business Administration upper-division degree programs:

- ACG X021 Financial Accounting (or ACG X001 & ACG X011)
- ACG X071 Managerial Accounting (not required of students majoring in Accounting)
- CGS X100 Computers in Business (or acceptable substitute)
- ECO X013 Principles of Macroeconomics
- ECO X023 Principles of Microeconomics
- MAC X233 Elementary Calculus or MAC 2230
- STA X023 Introductory Statistics or QMB X100

Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the college of Business Administration.

Students should not take finance, management, or marketing courses at the community college which are offered at the upper division level at USF. Such courses are not accepted as substitutes for upper-level requirements without proper validation after enrolling in the College of Business Administration. Without validation, such courses transfer as elective credits.

Admission Requirements to the University Program of Study

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

To be admitted to the College of Business Administration, the student must first be accepted to the University of South Florida. Additionally, students must have completed a minimum of 60 semester hours, earned a minimum 2.5 cumulative grade point average on all college-level work and minimum 2.0 on all credit attempted at USF including any prior to renewal. In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business except GEB 4890, provided they have completed 60 semester hours and have met course prerequisites. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

Program of Study at the University

The foundation courses common to all majors in business consists of the 18 hours of prerequisites plus the following (three-hour) courses:

- ACG 2021 Principles of Financial Accounting (3)
- ACG 2071 Principles of Managerial Accounting (3)
- ECO 2013 Economic Principles: Macroeconomics (3)
- ECO 2023 Economic Principles: Microeconomics (3)
- QMB 2100 Business & Economic Statistics I (3)
- BUL 3320 Law and Business I (3)
- ECO 3100 Managerial Economics (3)
- FIN 3003 Principles of Finance (3)
- ISM 3011 Information Systems in Organizations (3)
- QMB 3200 Business & Economic Statistics II (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)
- GEB 4890 Strategic Mgmt/Decision Making (3)

Requirements for the B.A./B.S. Degree: Within the 120 semester-hour program as listed in the General Requirements section, students must complete a minimum of 18 hours in marketing beyond MAR 3023.

Required Marketing Courses:
- MAR 3823 Marketing Management 3
- MAR 3613 Marketing Research 3
- MAR 3400 Professional Selling 3
- MAR 3433 Electronic/Promotion Management 3
- MAR 4824 Marketing Management Problems 3

Additional upper-level marketing courses 3-9

Total 18-24

It is strongly recommended that marketing majors take an internship course as part of their plan of study. It is also recommended that courses in information technology, finance, management, and international business be included in business electives. In addition, it is recommended that students include courses in speech, social sciences, and communication as part of general electives.
MASS COMMUNICATIONS

COLLEGE : ARTS AND SCIENCES
SCHOOL : COMMUNICATIONS
DEGREE : BACHELOR OF ARTS
OPTIONS/TRACKS : ADVERTISING; JOURNALISM; NEWS-EDITORIAL; MAGAZINE; PUBLIC RELATIONS;
TELECOMMUNICATIONS: BROADCAST NEWS, BROADCAST PRODUCTION

LIMITED ACCESS PROGRAM : YES-THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Arts and Sciences, (813) 942-4120
ST. PETERSBURG (Partial) / Advisor, Arts and Sciences, (813) 893-9507

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

Students should complete 18 semester hours outside the Mass Communications curriculum at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses.

- Admission Requirements to the University Program of Study

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

- Requirements for the Major in Mass Communications

To be admitted to the core curriculum in Mass Communications, students must have completed general education requirements including a minimum of 45 hours with a 2.7 minimum Overall Grade Point Average, and ENC 1101 and 1102 with a minimum grade of "C" in each. Applicants must establish a minimum score of 60 percent on the Mass Communications English Diagnostic Test prior to entering MMC 2100 (Writing for Mass Media). (Students who transfer MMC 2100 or its equivalent must pass the Mass Communications English Diagnostic Test with a score of at least 70 percent, which is the same score required for the successful completion of MMC 2100 at USF.) Both courses in the Mass Communications core curriculum (MMC 2100 and MMC 3602) must be completed with a minimum grade of "C" before any other Mass Communications course may be taken. Students failing to achieve a minimum grade of "C" in both MMC 2100 and MMC 3602 will be disallowed as majors in the School. A 2.5 GPA in Mass Communications courses is required for graduation, and no student may graduate with a grade lower than "C" in any Mass Communications course.

The Mass Communications major requires six hours of core curriculum courses (MMC 2100 and MMC 3602) and 31 hours of a combination of required and selective sequence courses for a total of 37 hours in Mass Communications within the 124-hour degree requirement. Six hours in Mass Communications writing courses (three hours in addition to MMC 2100) are a part of the graduation requirement.

Mass Communications majors are required to take a minimum of 80 hours in courses outside the journalism and mass communications areas, with no fewer than 65 hours in the basic liberal arts and sciences. (Liberal Arts courses are listed in materials available from the School program advisor.) To facilitate this, no more than 44 hours of Mass Communications courses may be applied toward the bachelor's degree within the 124-hour graduation requirement. Mass Communications majors taking more than 44 hours of Mass Communications courses, regardless of the departments in which those courses are listed, must add those hours to the 124 hours required for graduation. In particular, film and photography courses offered in other departments may be considered to be Mass Communications courses and added to the 124-hour degree requirement.

All material submitted by students as assignments in writing, reporting, editing, photography and electronic news gathering and production classes is subject to publication or broadcast. The School uses a variety of print and electronic media outlets.

Sign Language may be used as an option by Mass Communications majors to fulfill the language requirement.

Required Upper-level Coursework

School Core Curriculum
MMC 2100 Writing for the Mass Media (3)
MMC 3602 Mass Comm and Society (3)

Sequence Requirements

1. ADVERTISING Requirements
ADV 3000 Introduction to Advertising (3)
ADV 3101 Advertising Copywriting (3)
ADV 3300 Advertising Media Strategy (3)
ADV 3501 Advertising Research (3)
ADV 4800 Advertising Campaigns (3)
ADV 4940 Advertising Practicum (1)
MMC 4203 Media Ethics (3)

Selective Requirements (12 hours required, selected with advisor's approval)

Other Requirements: The following courses are required outside the School to complete sequence requirements:
ECO 1000  Basic Economics (3)
LIS 2002  Introduction to the Internet (3)
MAR 3023  Basic Marketing (3)
See specific courses for prerequisites.

2. JOURNALISM

Requirements

News-Editorial Option

JOU 2100  Beginning Reporting (3)
JOU 3101  Advanced Reporting (3)
JOU 4104  Public Affairs Reporting (3)
JOU 4200  News Editing I (3)
MMC 4200  Communications Law (3)
MMC 4203  Media Ethics (3)
JOU 4206  Newspaper and News Publication Design (3)
or
PGY 3610  Photojournalism I (3)

Selective Requirements (10 hours required, selected with advisor’s approval)

Other Requirements:

ECO 1000  Basic Economics (3)
PHI 1103  Critical Thinking (3)
POS 2041  American National Government (3)
POS 2112  State and Local Government and Politics (3)
or
POS 3142  Intro to Urban Politics & Government (3)
and
SYG 2010  Contemporary Social Problems (3)

Magazine Option

JOU 2100  Beginning Reporting (3)
JOU 3101  Advanced Reporting (3)
JOU 3300  Magazine Article and Feature Writing (3)
JOU 4200  News Editing I (3)
JOU 4212  Magazine Design and Production (3)
MMC 4200  Communications Law (3)
MMC 4203  Media Ethics (3)
MMC 4420  Research Methods (3)

Selective Requirements (7 hours required, selected with advisor’s approval)

Other Requirements: The following courses are required outside the School to complete sequence requirements: ECO 1000  Basic Economics (3)
CRW 2100  Narration and Description (3)
PHI 1103  Critical Thinking (3)
POS 2041  American National Government (3)
POS 2112  State and Local Government and Politics (3)
or
POS 3142  Intro to Urban Politics & Government (3)
and
SYG 2010  Contemporary Social Problems (3)
See specific courses for prerequisites.

3. PUBLIC RELATIONS

Requirements

ADV 3000  Introduction to Advertising (3)
JOU 2100  Beginning Reporting (3)
MMC 4200  Communications Law (3)
or
MMC 4203  Media Ethics (3)
PUR 3000  Principles of Public Relations (3)
PUR 3500  Public Relations Research (3)
PUR 4100  Writing for Public Relations (3)
PUR 4103  Public Relations Design and Production (3)
PUR 4401  Public Relations Issues, Practices, Prob. (3)
PUR 4801  Advanced Public Relations (3)

Selective Requirements (4 hours required, selected with advisor’s approval)

Other Requirements: The following courses are required outside the School to complete sequence requirements: ECO 1000  Basic Economics (3)
LIS 2002  Introduction to the Internet (3)
MAN 3025  Principles of Management (3)
MAR 3023  Basic Marketing (3)
POS 2041  American National Government (3)
POS 2112  State and Local Government and Politics (3)
or
POS 3142  Intro to Urban Politics and Government (3)

4. TELECOMMUNICATIONS

Requirements

News Option

JOU 4104  Public Affairs Reporting (3)
MMC 4200  Communications Law (3)
MMC 4420  Research Methods (3)
RTV 3001  Introduction to Telecommunications (3)
RTV 3301  Broadcast News (4)
RTV 4304  TV News (3)
RTV 4320  Electronic Field Production (3)

Selective Requirements (9 hours required, selected with advisor’s approval)

Other Requirements:

Continued
POS 2041  American National Government
POS 2112  State and Local Government and Politics  
or
POS 3142  Intro to Urban Politics and Government  
and
SPC 2600  Public Speaking

Production Option
MMC 4200  Communications Law  
RTV 2100  Writing for Radio and TV  
RTV 3001  Introduction to Telecommunications  
RTV 3301  Broadcast News  
RTV 4220  TV Production and Direction  
RTV 4320  Electronic Field Production  
RTV 4500  Telecommunications Programming

Selective Requirements  (9 hours required, selected with advisor's approval)

Other Requirements: The following courses are required outside the School to complete sequence requirements:

CRW 2100  Narration and Description  
or
ENC 3310  Expository Writing  
and
PHI 1103  Critical Thinking

All undergraduate mass communications students who successfully complete MMC 2100 (Writing for the Mass Media) or its equivalent at USF or elsewhere after Spring Term 2001 must meet the requirements of a new 37-hour curriculum. Please see the School of Mass Communications undergraduate adviser or the School of Mass Communications web page for more information.
MAJOR

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS
OPTION/TRACK: NON-LIMITED ACCESS TRACK

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
FT. MYERS / Advisor, Arts and Sciences, (941) 432-5500

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also
meet General Education Requirements thereby transferring maximum hours to the university.

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

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

- COP XXXX Computer Language Course (Pascal, FORTRAN, C, C+, or C++)
- MAC X311 Calculus I
- MAC X312 Calculus II
- MAC X313 Calculus III

Students must also complete two laboratory-based science courses, 4 - 8 semester hours total, from the respective science majors: Biology,
Chemistry, Geology, or Physics.

- Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access
program with the above courses recommended.

- Requirements for the Major in Mathematics

The courses taken to satisfy the requirements below will constitute the major program referred to in the general graduation requirements of
the College of Arts and Sciences.

Majors are encouraged to consult the department’s Undergraduate Advisor before every semester. The Undergraduate Advisor will recommend
electives which are appropriate for the student’s interests and goals.

Mathematics Requirements (Min. 45 cr. hrs.)

Core Requirement. Majors must complete the following five courses (20 cr. hrs.):
- MAC 2311 Calculus I (4)
- MAC 2312 Calculus II (4)
- MAC 2313 Calculus III (4)
- MGF 3301 Bridge to Abstract Mathematics (4)
- MAS 3105 Linear Algebra (4)

Analysis Requirement. Majors must complete one of the following two courses (4 cr. hrs.):
- MAA 4211 Intermediate Analysis I (4)
- MAS 4156 Vector Calculus (4)

Majors who complete both MAA 4211 and MAS 4156 may count one of these towards the Elective Requirement below.

Elective Requirement. Majors must complete seven courses from the following electives (Min. 21 cr. hrs.):
- CGS 3414 Problem Solving Using Pascal or C (3)
- COP 4313 Symbolic Computations in Mathematics (3)
- MAA 4211 Intermediate Analysis I (4)
- MAA 4212 Intermediate Analysis II (3)
- MAA 4402 Complex Variables (3)
- MAD 4401 Numerical Analysis (3)
- MAD 4504 Theory of Computation (3)
- MAD 5305 Introduction to Graph Theory (3)
- MAP 2302 Differential Equations (3)
- MAP 5345 Applied Partial Differential Equations (3)
- MAP 5407 Methods of Applied Mathematics (3)
- MAS 4124 Numerical Linear Algebra (3)
- MAS 4156 Vector Calculus (4)
- MAS 5215 Number Theory (3)
- MAS 4301 Elementary Abstract Algebra (3)
- MAT 4970 Mathematics Senior Thesis (3)
- MHF 5405 History of Modern Mathematics (3)
- MTG 4214 Modern Geometry (3)
- MTG 4302 Introduction to Topology (3)
- STA 4321 Essentials of Statistics (3)
- STA 4442 Introduction to Probability (3)

Special Notes.
MAT 4930, Selected Topics in Mathematics, or 5000-level mathematics courses may be taken as electives, with the approval of the
Undergraduate Advisor.

Continued
One or two courses from another department which are of high mathematical content may also be taken as electives, with the approval of the Undergraduate Advisor and the Chairman.

Majors wishing to take a course in statistics should first take STA 4442 and then STA 4321.

Majors wishing to continue towards a graduate degree in mathematics should take MAS 4301 and MAA 4211.

**Mathematics-related Courses (Min. 6 cr. hrs.)**

Majors must take two courses in science or engineering which are required courses for the majors within those departments. The two courses need not be in the same department. Science courses must include laboratories and be offered by the Departments of Biology, Chemistry, Geology, or Physics.

Majors, except for majors in mathematics for teaching, must take two courses with laboratories in the Departments of Biology, Chemistry, Geology, or Physics that are required courses for the major within those departments.

Majors will not receive credit toward graduation for the following courses:

- AST 3033 Contemporary Thinking in Astronomy
- QMB 2111 Business and Economic Statistics I
- QMB 3200 Business and Economic Statistics II
- PHY 2020 Conceptual Physics
- STA 2023 Introductory Statistics I
- STA 2122 Social Science Statistics

Majors wishing to take a course in statistics should take STA 4321 Introduction to Statistics.
MAJOR

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR AND MASTER OF ARTS
OPTION/TRACK: ACCELERATED BA/MA PROGRAM

LIMITED ACCESS PROGRAM: YES - THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS STATED BELOW

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
FT. MYERS / Advisor, Arts and Sciences, (941) 432-5500

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

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

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

- COP XXXX Computer Language Course (Pascal, FORTRAN, C, C++, or C++)
- MAC X311 Calculus I
- MAC X312 Calculus II
- MAC X313 Calculus III
- Students must also complete two laboratory-based science courses, 4 - 8 semester hours total, from the respective science majors: Biology, Chemistry, Geology, or Physics.

- Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. For admission to the program, a student must have completed at least 30 hours of college credit including 8 hours of 3000-level or above mathematics courses; have an overall grade point average of 3.0 or above; and have a grade point average of 3.5 or above in all mathematics courses taken at the 3000-level or above.

Further information is available on request from the Department of Mathematics (974-2643).

- Accelerated BA/MA Program

This program is designed for superior students having a solid background in high school mathematics and the ability to handle a fast paced, challenging program leading to a BA and MA degree in mathematics in four to five years.

The program meets all the requirements for the BA degree, but requires the student to take those graduate level courses required for the MA degree during the last two years in the program. Up to 20 hours of graduate courses may be counted towards the MA degree as well as the BA degree, but not towards the undergraduate major (that is, as free electives).

The courses taken to satisfy the requirements below will constitute the major program referred to in the general graduation requirements of the College of Arts and Sciences.

Majors are encouraged to consult the department’s Undergraduate Advisor before every semester. The Undergraduate Advisor will recommend electives which are appropriate for the student’s interests and goals.

Mathematics Requirements (Min. 45 cr. hrs.)

Core Requirement. Majors must complete the following five courses (20 cr. hrs.):
- MAC 2311 Calculus I (4)
- MAC 2312 Calculus II (4)
- MAC 2313 Calculus III (4)
- MGF 3301 Bridge to Abstract Mathematics (4)
- MAS 3105 Linear Algebra (4)

Analysis Requirement. Majors must complete one of the following two courses (4 cr. hrs.):
- MAA 4211 Intermediate Analysis I (4)
- MAS 4156 Vector Calculus (4)

Majors who complete both MAA 4211 and MAS 4156 may count one of these towards the Elective Requirement below.

Elective Requirement. Majors must complete seven courses from the following electives (Min. 21 cr. hrs.):
- CGS 3414 Problem Solving Using Pascal or C (3)
- COP 4313 Symbolic Computations in Mathematics (3)
- MAA 4211 Intermediate Analysis I (4)
- MAA 4212 Intermediate Analysis II (4)
- MAA 4402 Complex Variables (3)
- MAD 4401 Numerical Analysis (3)
- MAD 4504 Theory of Computaion (3)
- MAD 5305 Introduction to Graph Theory (3)
- MAP 2302 Differential Equations (3)
- MAP 5345 Applied Partial Differential Equations (3)
- MAP 5407 Methods of Applied Mathematics (3)
- MAS 4124 Numerical Linear Algebra (3)
- MAS 4156 Vector Calculus (3)
- MAS 5215 Number Theory (3)
- MAS 4301 Elementary Abstract Algebra (3)
- MAT 4970 Mathematics Senior Thesis (3)
- MTH 5405 History of Modern Mathematics (3)
- MTG 4214 Modern Geometry (3)

Continued
MTG 4302  Introduction to Topology  (3)
STA 4321  Essentials of Statistics  (3)
STA 4442  Introduction to Probability  (3)

Special Notes.
MAT 4930, Selected Topics in Mathematics, or 5000-level mathematics courses may be taken as electives, with the approval of the Undergraduate Advisor.

One or two courses from another department which are of high mathematical content may also be taken as electives, with the approval of the Undergraduate Advisor and the Chairman.

Majors wishing to take a course in statistics should first take STA 4442 and then STA 4321.

Majors wishing to continue towards a graduate degree in mathematics should take MAS 4301 and MAA 4211.

Mathematics-related Courses (Min. 6 cr. hrs.)
Majors must take two courses in science or engineering which are required courses for the majors within those departments. The two courses need not be in the same department. Science courses must include laboratories and be offered by the Departments of Biology, Chemistry, Geology, or Physics.
Majors, except for majors in mathematics for teaching, must take two courses with laboratories in the Departments of Biology, Chemistry, Geology, or Physics that are required courses for the major within those departments.

Majors will not receive credit toward graduation for the following courses:
AST 3033  Contemporary Thinking in Astronomy
QMB 2111  Business and Economic Statistics I
QMB 3200  Business and Economic Statistics II
PHY 2020  Conceptual Physics
STA 2023  Introductory Statistics I
STA 2122  Social Science Statistics

Majors wishing to take a course in statistics should take STA 4321 Introduction to Statistics.
MATHEMATICS EDUCATION

COLLEGE : EDUCATION
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS, BACHELOR OF SCIENCE
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM: YES-THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Program Director, Undergraduate Advising, Education, (813) 974-2458

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

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

Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

EDF X005 Introduction to Education (3)
EDG 2701 Teaching Diverse Populations (3)
EME 2040 Introduction to Educational Technology (3)
(both MAC 2313 Calculus III and STA 2023 Elementary Statistics are required at USF for native students and are strongly recommended for transfer students.)

Calculus and Analytic Geometry I* (4)
Calculus and Analytic Geometry II* (4)
Elective in Mathematics (3)
(Both MAC 2313 Calculus III and STA 2023 Elementary Statistics are required at USF for native students and are strongly recommended for transfer students.)

Computer Programming Language (3)
(applicable to microcomputer)
*May be part of General Education Requirements

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under “Preliminary Requirements for Students Entering Teacher Education Programs” on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required.

Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST. Professional education courses taken at the community college will transfer as general electives.

• Requirements for the B.S. Degree
Professional Education Core (29 cr. hrs.):
The required courses in the professional education core are as follows:
EDF 3214 Human Development and Learning 3
EDF 3604 Social Foundations of Education (Exit) 3
EDG 4620 Curriculum and Instruction 3
EDF 4430 Measurement for Teachers 3
EEX 4070 Integrating Exceptional Students in the Regular Classroom 2
FLE 4365 ESOL Competencies and Strategies 3
MAE 4940 Internship: Mathematics Education 10
MAE 4936 Senior Seminar in Mathematics Education 2

Specialization (29 cr. hrs.):
MAC 2313 Calculus III 4
MAD 3100 Discrete Mathematics 3
MAS 3165 Linear Algebra 3
MAS 4214 Elementary Number Theory 3
MAS 4301 Elementary Abstract Algebra 3
MGF 3301 Bridge to Abstract Mathematics 3
MHF 4403 Early History of Math (Exit) 3
MTG 4212 Geometry 4
STA 2023 Elementary Statistics 4

Mathematics Education (14 cr. hrs.):
MAE 4320 Middle School Methods 3
MAE 4330 Senior High School Methods 3
MAE 4551 Reading the Language of Mathematics 2
MAE 4652 Technology for Teaching Secondary School Mathematics I 3
MAE 4653 Technology for Teaching Secondary School Mathematics II 3

Please be advised that the information above is subject to change. Please contact an academic advisor in the College of Education at the University of South Florida for the most current information.
MECHANICAL ENGINEERING

COLLEGE : ENGINEERING
SCHOOL : NONE
DEGREE : BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM: YES-THIS PROGRAM HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Engineering, (813) 974-2684

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.
Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Communications:
ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

Mathematics:
- USF C/C
MAC 2281 MAC 2311* (4)
MAC 2282 MAC 2312* (4)
MAC 2283 MAC 2313* (4)
MAP 2302 MAP 2302 (3)
*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:
- USF C/C
CHM 2045 CHM 1045* (3)
CHM 2045L CHM 1045L* (1)
PHY 2048 PHY 2048 (3)
PHY 2048L PHY 2048L (1)
PHY 2049 PHY 2049 (3)
PHY 2049L PHY 2049L (1)
*or CHS 1440 Chemistry for Engineers

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

• Procedures for Applying to the College of Engineering
Before declaring a particular major within the field of engineering, students must meet two sets of admission requirements: one for the College of Engineering and the other for the student’s chosen degree program (see “College of Engineering Admission Requirements” and “Admission Requirements for Programs in Engineering” below). Students may apply to the College of Engineering upon initial entry to the University by declaring Engineering as their intended major or on their admissions application. When a student is accepted to USF, engineering staff will review the necessary credentials and notify the applicant of his or her Engineering status.

USF students may apply through the Advising Office, in the College of Engineering. To be considered for admission to the College, an applicant must be accepted by the University as a degree-seeking student and be academically in good standing.

Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL score must be 550.

• College of Engineering Admission Requirements
1. Freshmen:
a. Test Scores:
- SAT—combined score of 1050 minimum with a minimum quantitative of 550.
- ACT—combined score of 25 minimum and mathematics of 25 minimum.
b. High School Mathematics: Should include sufficient algebra and trigonometry to enter Engineering Calculus I.
c. High School Grade Point Average of 2.5/4.0.
2. Transfer Students:
a. Engineering
Florida community college transfer students that have completed the courses shown below with a minimum grade of "C" are accepted directly into the College of Engineering.

Communications:
ENC 1101/1102 English I and II (6)

Mathematics:
- MAC 2311 Engineering Calculus I (4) or MAC 2281, MAC 2282, MAC 2283
- MAC 2312 Engineering Calculus II (4) or MAC 2281, MAC 2282, MAC 2283
- MAC X283 Engineering Calculus III (4) or MAC 2281, MAC 2282, MAC 2283
- MAP X302 Differential Equations (3)

Natural Sciences:
- CHM X045/X045L General Chemistry I (with lab) (4) or CHS 1440 Chemistry for Engineers
- PHY X048/X048L General Physics and Laboratory I (4)

Continued
Required Prerequisites for Entering Engineering programs

Once a student has been admitted to the College of Engineering, he/she must then seek admission into one of the specific departments. The minimum requirements for admission to the Computer Engineering, Computer Science, and Information Systems programs offered by the Computer Science and Engineering Department are completion of English I & II, Physics I & II (and labs) and Calculus I & II with a grade point average of 3.0 or higher in those eight courses. Following departmental admission, it is necessary that a student complete the courses CDA 3100 (Computer Organization), and COP 3514 (Program Design) with a grade point average for all attempts of at least 3.0 prior to taking any other departmental courses.

Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Individual departments may have continuation requirements.

A student can have his or her academic records housed in a department and be advised by the department advisor prior to completing requirements for department admission if he or she so chooses. This type of student must still comply with all of the above-listed requirements prior to official acceptance by the department.

Bachelor's Curriculum Mechanical Engineering

Semester I

<table>
<thead>
<tr>
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<td>ENC 1101</td>
<td>Composition I</td>
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<tr>
<td>MAC 2281</td>
<td>Engineering Calculus I</td>
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</tr>
<tr>
<td>CHM 2045</td>
<td>General Chemistry I</td>
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<tr>
<td>CHM 2045L</td>
<td>Chemistry Lab I</td>
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<tr>
<td>EGS 1113</td>
<td>Intro. to Design Graphics</td>
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<td>EGN 3000</td>
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Semester II

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<td>Engineering Calculus II</td>
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<td>PHY 2048</td>
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Semester III

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<td>MAC 2283</td>
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<td>PHY 2049</td>
<td>General Physics II</td>
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<td>PHY 2049L</td>
<td>General Physics II Lab</td>
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<td>EGN 3311</td>
<td>Statics</td>
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<td>MAP 2302</td>
<td>Differential Equations</td>
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<tr>
<td>EGN 3321</td>
<td>Dynamics</td>
<td>3</td>
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<tr>
<td>EGN 3365</td>
<td>Materials Engineering I</td>
<td>3</td>
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<td>EGN 3373</td>
<td>Electrical Systems I</td>
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<td>Historical Perspectives</td>
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Summer Term

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<td>EGN 3443</td>
<td>Eng Statistics &amp; Prob.</td>
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<td>EGN 3343</td>
<td>Thermodynamics I</td>
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<td>EML 3500</td>
<td>Mechanics of Solids</td>
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<td>EGN 2031</td>
<td>History of Technology</td>
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Semester V

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<td>Kin. &amp; Dyn. of Machinery</td>
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<td>EML 3041</td>
<td>Computational Methods</td>
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<td>EML 3701</td>
<td>Fluid Systems</td>
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<tr>
<td>ENC 3211</td>
<td>Comm. for Engineers</td>
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<tr>
<td>EGN 4366</td>
<td>Materials Engineering II</td>
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Semester VI

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<td>EML 4501</td>
<td>Machine Design</td>
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<td>EML 3303</td>
<td>Mechanical Engineering Lab I</td>
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<tr>
<td>EML 4142</td>
<td>Heat Transfer I</td>
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<tr>
<td>EML 4106</td>
<td>Thermal Syst.</td>
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<td>EGN 3613</td>
<td>Eng. Eco. with Social &amp; Global Impl.</td>
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<td>Semester VII</td>
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<tr>
<td>EML 4325  Mechanical Manufacturing Processes</td>
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<td>EML 4302  Mechanical Engineering Lab II</td>
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<td>EML 4220  Vibrations</td>
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<td>EML 4551  Capstone Design (MWMI)</td>
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| Semester VIII                 |                  |            |
| EML 4312  Mechanical Controls | 3                |            |
| Social Science Elective       | 3                |            |
| Approved Technical/Design Elective | 3           |            |
| Approved Technical/Design Elective | 3           |            |
| Total                        | 12               |            |
MEDICAL TECHNOLOGY

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO, not in junior year. However, admission into the senior year hospital internship is competitive. Students may apply to six affiliated hospitals located in the State of Florida. A minimum GPA of 2.5 overall and in science is generally required in order to be considered. The mean GPA for students admitted last year was 3.1.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Science Advising Center, Arts and Sciences, (813) 974-2674

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

A student who transfers without an A.A. degree and has fewer than 60 semester hours of acceptable credit must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade. They may be completed at a community college or other institution or at USF. Courses available at USF are indicated with an asterisk.

1) General Biology I with lab (e.g. BSC 1010, 1010L; BSC 2010, 2010L*) (4)
2) Human Anatomy and Physiology I with lab (e.g. BSC 1085, 1085L; BSC 2085, BSC 2085L*) (4)
3) Human Anatomy and Physiology II with lab (e.g. BSC 1086, 1086L; BSC 2086, BSC 2086L*) (4)
4) General Microbiology with lab (e.g. MCB 2010, 2010L; MCB 3030C*) (4)
5) General Chemistry I & II with labs (e.g. CHM 1045, 1045L, 1046, 1046L; CHM 2041, 2045L, 2046, 2046L*) (8)
6) Organic Chemistry I with lab (e.g. CHM 2210, 2210L*) (4-5)
7) Organic Chemistry II with lab (e.g. CHM 2211, 2211L*) (4-5)
8) Statistics (e.g. STA 2023*) (3-4)

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program at the junior level with the above courses recommended.

Requirements for the B.S. Degree
In addition to the Common Prerequisites listed above, the following courses are required for the degree at USF:

- College Algebra (MAC 2102 or MAC 2132) (3)
- Determinative Bacteriology (MCB 4115) (5)
- Immunology (PCB 5235 or equivalent) (3)
- Clinical Chemistry (CHS 4300) (3)

Ability to use computers is essential for work in a modern laboratory. Hospitals recommend elective courses in use of computers and in management.

Upon successful completion of this curriculum and acceptance by one of the affiliated hospitals, the student will complete 12 continuous months of training at that hospital. Hospital programs begin in July or early August each year, and some hospitals also have programs beginning in January or February. During this clinical training, the student will continue to be registered as a full-time student of the University and will receive a total of 30 credit hours of work in:

- MLS 4031 Introduction to Medical Technology (1)
- MLS 4860 Clinical Urinalysis and Body Fluids (2)
- MLS 4861 Clinical Immunology (2)
- MLS 4862 Clinical Hematology (6)
- MLS 4863 Clinical Microbiology (6)
- MLS 4864 Clinical Chemistry (6)
- MLS 4865 Clinical Immunohematology (6)
- MLS 4866 Clinical Laboratory Management and Education (1)

These courses, listed under “Interdisciplinary Arts and Sciences,” will be taught at the hospital. A “C” or higher must be earned in each course. Students successfully completing this program will be granted a Bachelor of Science degree in Medical Technology.
MICROBIOLOGY

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

PROGRAM OF STUDY AT THE COMMUNITY COLLEGE

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Acceptable Substitutes</th>
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<tbody>
<tr>
<td>BSC 1010/1010L</td>
<td>Introduction to Biology I-Cellular Processes (with lab)</td>
<td>Acceptable substitutes: PCB X010, PCB X011, PCB X021, PCB X131, BSC X040, BSC 2012</td>
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<tr>
<td>BSC 1011/1011L</td>
<td>Introduction to Biology II-Diversity (with lab)</td>
<td>Acceptable substitutes: ZOO X010, BOT X010, BSC X041, BOT X013</td>
</tr>
<tr>
<td>CHM 1045/1045L</td>
<td>General Chemistry I (with lab)</td>
<td>Acceptable substitutes: PHY 2043/2043L, PHY 2048/2048L, PHY 2049/2049L, or equivalent</td>
</tr>
<tr>
<td>CHM 1046/1046L</td>
<td>General Chemistry II (with lab)</td>
<td>Acceptable substitutes: PHY 2053/2053L, PHY 2048/2048L, PHY 2049/2049L, or equivalent</td>
</tr>
<tr>
<td>CHM 2210/2210L</td>
<td>Organic Chemistry I (with lab)</td>
<td>Acceptable substitutes: PHY 2043/2043L, PHY 2048/2048L, PHY 2049/2049L, or equivalent</td>
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<tr>
<td>CHM 2211/2211L</td>
<td>Organic Chemistry II (with lab)</td>
<td>Acceptable substitutes: PHY 2053/2053L, PHY 2048/2048L, PHY 2049/2049L, or equivalent</td>
</tr>
<tr>
<td>MAC X311</td>
<td>Calculus I</td>
<td>Acceptable substitutes: MAC 2233, MAC 2253, MAC X281</td>
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• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Microbiology B.S. Major
Department of Biology Courses - minimum 42 credit hours
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<th>Course Code</th>
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<td>BSC 2010L</td>
<td>Cellular Processes Laboratory</td>
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<td>BSC 2011</td>
<td>Biology II - Diversity</td>
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<td>MCB 3030</td>
<td>General Microbiology</td>
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<td>MCB 4115</td>
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<td>MCB 4404</td>
<td>Microbial Physiology and Genetics</td>
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<td>MCB 4404L</td>
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<tr>
<td>PCB 3023</td>
<td>Cell Biology</td>
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<td>PCB 3023L</td>
<td>Cell Biology Laboratory</td>
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<td>PCB 3043</td>
<td>Principles of Ecology</td>
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<td>PCB 3063</td>
<td>General Genetics</td>
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Ten (10) hours from the following list:
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 3023L</td>
<td>Basic Biochemistry Laboratory</td>
</tr>
<tr>
<td>BOT 4434</td>
<td>Mycology</td>
</tr>
<tr>
<td>MCB 4502</td>
<td>Virology</td>
</tr>
<tr>
<td>MCB 4910</td>
<td>Microbiology Undergraduate Research</td>
</tr>
<tr>
<td>MCB 4934</td>
<td>Seminar in Microbiology</td>
</tr>
<tr>
<td>MCB 5206</td>
<td>Public Health and Pathogenic Microbiology</td>
</tr>
<tr>
<td>MCB 5815</td>
<td>Medical Mycology</td>
</tr>
<tr>
<td>PCB 5235</td>
<td>Principles of Immunology</td>
</tr>
<tr>
<td>ZOO 5235</td>
<td>Parasitology</td>
</tr>
</tbody>
</table>

A maximum of four (4) credit hours of Undergraduate Research (MCB 4910) or Biology Honors Thesis (BSC 4970) may be applied.

Supporting Courses in the Natural Sciences - minimum 37 credit hours
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2045</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>CHM 2045L</td>
<td>General Chemistry I Laboratory</td>
</tr>
<tr>
<td>CHM 2046</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>CHM 2046L</td>
<td>General Chemistry II Laboratory</td>
</tr>
<tr>
<td>CHM 2210</td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td>CHM 2210L</td>
<td>Organic Chemistry I Laboratory</td>
</tr>
<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II</td>
</tr>
<tr>
<td>CHM 2211L</td>
<td>Organic Chemistry II Laboratory</td>
</tr>
<tr>
<td>MAC 2233</td>
<td>Elementary Calculus I</td>
</tr>
<tr>
<td>MAC 2234</td>
<td>Elementary Calculus II</td>
</tr>
<tr>
<td>MAC 2281</td>
<td>Engineering Calculus I</td>
</tr>
<tr>
<td>MAC 2282</td>
<td>Engineering Calculus II</td>
</tr>
<tr>
<td>MAC 2311</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus II</td>
</tr>
</tbody>
</table>

Continued
or
MAC 2233  Elementary Calculus I (3)
STA 2023  Introductory Statistics I (4)
PHY 2048  General Physics (3)
PHY 2048L General Physics Laboratory (3)
PHY 2049  General Physics (3)
PHY 2049L General Physics Laboratory (3)
or
PHY 2053  General Physics (3)
PHY 2053L General Physics Laboratory (3)
PHY 2054  General Physics (3)
PHY 2054L General Physics Laboratory (3)
BCH 3023  Introductory Biochemistry (3)

Liberal Arts Courses - minimum 45 credit hours

Free Elective Courses needed to complete 120 credit hours.
Admission Requirements to the University Program of Study

Electives: Music credits beyond those required may be used as program electives.

To all departmental procedures must be authorized through the Director of the School of Music. Exceptions

majors); (3) present a full recital during the senior year (except music education majors); (4) present a record of satisfactory recital attendance

for all jazz majors) and music theory-history-literature requirements; (2) present a partial recital during the junior year (except composition

The B.M. Degree (Performance, Composition and Jazz Studies)

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF

(Music)

This course also satisfies 3 hours of Liberal Arts Exit Requirements in Major Works/Major Issues.

This course also satisfies 3 hours of Historical Perspectives in the Liberal Arts Curriculum.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

MUT 1111 Music Theory or MUT 1121, 1122, 2126, or 2127
MUT 1112 Music Theory or MUT 1121, 1122, 2126, or 2127
MUT 2116 Music Theory or MUT 1121, 1122, 2126, or 2127
MUT 2117 Music Theory or MUT 1121, 1122, 2126, or 2127
MUT 1241 Aural Theory or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 1242 Aural Theory or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 2246 Advanced Aural Theory or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 2247 Advanced Aural Theory or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271,1272, 2276, or 2277
MUN XXXX Chamber Music Ensemble, 4 semester hours
MVT 1X1X Secondary Applied Music Courses, 2-4 semester hours
MVT 2X2X Secondary Applied Music Courses, 2-4 semester hours
Secondary Piano Proficiency by Examination or MVK 1111, 1112, and 2122 or MVK 1111r, 1112r, 2121r, and 2121r
or MVK 1211 and 2221

MUT 1111 Music Theory or MUT 1121, 1122, 2126, or 2127
MUT 1112 Music Theory or MUT 1121, 1122, 2126, or 2127
MUT 2116 Music Theory or MUT 1121, 1122, 2126, or 2127
MUT 2117 Music Theory or MUT 1121, 1122, 2126, or 2127
MUT 1241 Aural Theory or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 1242 Aural Theory or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 2246 Advanced Aural Theory or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 2247 Advanced Aural Theory or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271,1272, 2276, or 2277
MUN XXXX Chamber Music Ensemble, 4 semester hours
MVX 1X1X Secondary Applied Music Courses, 2-4 semester hours
MVX 2X2X Secondary Applied Music Courses, 2-4 semester hours
Secondary Piano Proficiency by Examination or MVK 1111, 1112, and 2122 or MVK 1111r, 1112r, 2121r, and 2121r
or MVK 1211 and 2221

All students seeking a Bachelor of Music degree are required to (1) complete successfully the piano proficiency (jazz piano proficiency required instead for all jazz majors) and music theory-history-literature requirements; (2) present a partial recital during the junior year (except composition majors); (3) present a full recital during the senior year (except music education majors); (4) present a record of satisfactory recital attendance through registration in MUS 2010 (see the specific requirements for MUS 2010 as set by the music faculty). Students must be enrolled in applied music studio during the semester of the recital. Other procedures are mandated through the Student Handbook of the School of Music. Exceptions to all departmental procedures must be authorized through the Director of the School of Music.

Minimum Grade for Music Courses

A minimum grade of "C" is necessary in all music courses required for the student's degree. Registration in required music courses resulting in grades of "D" or "F" must be repeated. Sequel courses may not be taken until prerequisites are satisfied with appropriate grades or waivers.

Core Requirements for all Performance, and Composition Concentrations

Music Theory (22)

Music History (8)

Music Literature (3)

MUL 2111 (3)*

This course also satisfies 3 hours of Liberal Arts Exit Requirements in Major Works/Major Issues.

This course also satisfies 3 hours of Historical Perspectives in the Liberal Arts Curriculum.
Conducting (2)  
MUG 3104  
Senior Seminar (1)  
MUS 4935 (1)  
MUS 2010 Recital Attendance (0)  

**Ensemble**  
Performance Majors (8), Composition (8)  
All undergraduate students enrolled in applied music for 3 or 2 credit hours are required to be enrolled in a major ensemble appropriate to their performing medium.  

**Music Electives** (12-13 hours)  

**Fine Arts Requirement** (6 hours)  
Music majors should take one 3-hour Fine Arts course certified in Historical Perspectives and one 3-hour Fine Arts course certified in the Fine Arts Perspective of the Liberal Arts Curriculum in order to graduate within 120 semester credit hours.  

**Core Requirements for Jazz Studies Performance and Jazz Studies Composition Concentrations**  

**Music Theory** (26)  
MUT 1111 (3)  
MUT 1112 (3)  
MUT 1241 (1)  
MUT 1242 (1)  
MUT 2111 (3)  
MUT 2112 (3)  
MUT 2241 (1)  
MUT 2242 (1)  
MUT 2641 (2)  
MUT 2642 (2)  
MUT 3353 (3)  
MUT 3354 (3)  

**Music Literature** (3)  
MUL 2111 (3)  
*This course also satisfies 3 hours of Historical Perspectives in the Liberal Arts Curriculum.*  

**Music History** (9)  
MUH 3301 (3)  
MUH 3302 (3)  
MUH 4801 (3)  
*This course also satisfies 3 hours of Liberal Arts Exit Requirements in Major Works/Major Issues.*  

**Conducting** (2)  
MUG 3104  
**Senior Seminar** (1)  
MUS 4935 (1)  
**MUS 2010 Recital Attendance** (0)  
**Elective Hours in Music** (10-12)  

**Ensemble:**  
Performance (8), Composition (8)  
All students enrolled in applied music for 3 or 2 hours are required to enroll in a major ensemble appropriate to their performing medium.  

**Additional Requirements for Specific Concentrations**  

**Performance Concentration**  
A total of 24 credit hours of applied music major is required with a minimum of 6 hours to be completed at the 4000 level and concurrent registration in MUS 2010 (Recital Attendance).  
Performance majors in voice must "elect" to enroll for MUS 2201 for a total of 3 credits as a part of the Music Electives and MUO 3503 for 2 credits as a part of the Ensemble hours. Additionally, there is a program exit requirement of earned credit or the equivalent in beginning French, German, and Italian languages.  
Performance majors in piano are required to "elect" to enroll in MVK 4640 for 4 credits as a part of the Music Electives.  
The following requirements for the piano pedagogy emphasis are to be taken as a part of the Music Electives:  
MVK 4640 (4)  
MVK 4641 (4)  
Junior and senior recital requirements may be fulfilled in one of the following ways: (1) lecture/recital, (2) ensemble performance, (3) recital.  

**Jazz Studies Concentration**  

**Performance Emphasis**  
The following courses are required in addition to the core requirements:  
MUT 3663 (2)  
MUT 3664 (2)  
Applied music (major) through the 3000 level (min. of 18 hours).  
The first 4 semesters and a sophomore level jury are under the guidance of the traditional applied faculty for all wind students, after which they will move from that studio to a jazz studies studio for their final semesters of applied studies.  
Jazz piano proficiency required.  

**Composition Emphasis**  
The following courses are required in addition to the core requirements:  
MUC 2221 (6)  
MUC 2301 (3)  
MUC 4403 (3)  
MUC 4404 (3)  
Elective Composition (6)  
Applied music (principal) with a minimum of 4 hours at the 2000 level.  
Jazz piano proficiency required.  

**Composition Concentration**  
All students seeking a degree in music with a composition concentration are required to fulfill the senior composition requirements (with the approval of the entire composition faculty) in one of the following ways: (a) a complete public performance of works by the student composer, (b) the public performance of several compositions in various concerts throughout the composer's senior year, (c) the formal presentation to the composition faculty of an extensive portfolio of compositions plus the public performance of at least one of these works during the senior year, or (d) in other ways designated by the composition faculty.  

**Applied Music (Principal)** (8)  
A minimum of 8 credit hours of applied music is required with a minimum of 4 credit hours at the 2000 level.  
**Composition Courses** (24)  
MUC 2301 (3)  
MUC 2221 (3)  
MUC 2303 (3)  
MUC 3401 (3)  
MUC 3402 (3)  
MUC 4241 (3)  
MUC 4531 (2)  
MUC 4532 (2)  
MUT 4311 (2)  
MUT 4312 (2)  

For other degree requirements for all the above concentrations, see Fine Arts College requirements and the university's General Education and graduation requirements.
**MUSIC EDUCATION**

**COLLEGE:** FINE ARTS  
**SCHOOL:** MUSIC  
**DEGREE:** BACHELOR OF ARTS OR BACHELOR OF SCIENCE  
**OPTION/TRACK:** NONE  

**LIMITED ACCESS PROGRAM:** NO  

**CAMPUS(ES) WHERE OFFERED/CONTACT:**  
TAMPA only / Coordinator of Advising, Fine Arts, (813) 974-3660

- **Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF**  
(State Mandated Common Prerequisites)

Music students must be accepted by audition in their performance area by the School of Music. Interested students should complete the A.A. degree at the community college. Professional education courses taken at the community college will transfer as general electives. Also, some courses required for the major may meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

A music theory placement examination will be administered prior to initial registration in the music theory course sequence. Auditions for admission, level-ranking, and determination of USF credit hour requirements in applied study in the music performance program must be arranged through the School of Music. Secondary piano proficiency must be demonstrated by audition or the student may elect to enroll in the appropriate keyboard skills class(es). Credit hours in piano are not required. Other secondary instruments will not apply toward performance composition programs but may be applicable toward the Music Education degree (see Music Education program).

Students should complete the following **prerequisite courses** listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

- **EDP X005** Introduction to Education  
- **EDG 2701** Teaching Diverse Populations  
- **EME 2040** Introduction to Educational Technology

(Equivalent course or demonstrated competency may be substituted).

- **MUT 1111** Music Theory  
  or **MUT 1121, 1122, 2126, or 2127**
- **MUT 1112** Music Theory  
  or **MUT 1121, 1122, 2126, or 2127**
- **MUT 2116** Music Theory  
  or **MUT 1121, 1122, 2126, or 2127**
- **MUT 2117** Music Theory  
  or **MUT 1121, 1122, 2126, or 2127**
- **MUT 1241** Music Theory  
  or **MUT 1121, 1122, 2126, or 2127**
- **MUT 1242** Music Theory  
  or **MUT 1121, 1122, 2126, or 2127**
- **MUT 1241 Aural Theory**  
  or **MUT 1221, 1222, 2226, 2227, 1261, 2266, 2267, 1271, 1272, 2276, or 2277**
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- **MUT 2246 Advanced Aural Theory**  
  or **MUT 1221, 1222, 2226, 2227, 1261, 2266, 2267, 1271, 1272, 2276, or 2277**
- **MUT 2247 Advanced Aural Theory**  
  or **MUT 1221, 1222, 2226, 2227, 1261, 2266, 2267, 1271, 1272, 2276, or 2277**
- **MVX 1X1X Secondary Applied Music Courses,**  
  2-4 semester hours
- **MVX 2X2X Secondary Applied Music Courses,**  
  2-4 semester hours
- **MUN XXXX Chamber Music Ensemble,**  
  4 semester hours
- **Secondary Piano Proficiency by Examination**  
  or **MVK 1111, 1112, and 2122**
  or **MVK 111r, 1112r, 2121r, and 2121r**
  or **MVK 1211 and 2221**

Introduction/General Psychology and Sociology courses are recommended.

- **Requirements for the B.S. Degree**

The music education curriculum is designed to serve students who wish to develop a high level of musical expertise and have a commitment to help develop musical potentials in other people.

All students seeking a degree in music education are required to pass an audition in their respective performance area and to take a music theory placement test prior to registering for any music theory class. Students may obtain the dates for these examinations from the music office.

Special requirements for all music education majors; successful completion of the piano proficiency requirements as defined by the music and music education faculties; participation in a major performing ensemble each semester the student is enrolled in applied music; and the presentation of a one-half hour recital in the major performing medium during the last semester of enrollment in applied music.

Students are to present a record of satisfactory recital attendance through registration in MUS 2010 as set by the music faculty.

Note exceptions applicable to this program.

1) A lab Component is required with a Natural Science course in the General Education curriculum. Students must have an ACT score of 20 or an SAT score of 980 and a USF GPA of 2.5. A minimum grade of "C" is required in all music, music education, and education courses necessary for the degree.

Continued
Professional Education Requirements (course descriptions can be found in the College of Education portion of this catalogue)

**Lower Division**
- EDG 2701 Teaching Diverse Populations (3)
- EDF 2005 Introduction to Education and Field Experience (3)
- *EME 2040 Introduction to Educational Technology (3)

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under "Undergraduate Admission to the College" on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

**Upper Division**
- EDF 3214 Human Development and Learning (2)
- EDF 3604 Social Foundations of Education (3)
- EDF 4430 Basic Concepts of Educational Measurements (3)
- EEX 4070 Exceptional Students (2)
- MUE 4936 Senior Seminar (2)
- MUE 4940 Internship (10)

* Students demonstrating computing proficiency may be excused from this course with the approval of the Music Education faculty. Students may substitute a course in computer applications in music for EME 2040.

**Music Education courses (32-34 hours)**
- MUE 2090 (3) MUE 3421 (1) MUE 3422 (1)
- MUE 3423 (1) MUE 4311 (3) MUE 4330 (3) or MUE 4332 (3)
- MUE 4333 (3) MUE 4940 (10) MUE 4331 (3)
- MUE 4936 (2) MUE 3451 (1)
- MUE 2450 (1)* and/or (depending on professional focus)
- MUE 2460 (1)** and/or (depending on professional focus)
- MUE 3461 (1)

* Not required of woodwind majors
** Not required of brass majors

**Music courses (30+ hours)**
- MUL 2111 (3)* MUG 3104 (2) MUH 2051 (3)**
- MUH 3301 (3)** MUH 3302 (3)** MUL 1111 (3)
- MUT 1112 (3) MUT 1241 (1) MUT 1242 (1)
- MUT 2116 (3) MUT 2117 (3) MUT 2246 (1)
- MUT 2247 (1)

* This course also satisfies 3 hours of Historical Perspectives in the Liberal Arts Curriculum.
** This course also satisfies 3 hours of ALAMEA Perspectives in the Liberal Arts Curriculum.
*** This course also satisfies 3 hours of Liberal Arts Exit Requirements in Major Works/Major Issues.

**Applied Music (Principal) 12 cr. hrs. with a minimum of 4 hours at the 3000 level.**
- Music electives (3-5 hours)
- Applied Music Secondary Techniques (2-3 hours)
  - MVP 1211, MVS 1211. One hour of choral ensemble is required for all non-voice majors.
  - Major performing ensembles (6 hours)
    - Minimum of one per semester of applied music

**Graduating Recital**
- MUS 2010 Recital Attendance (0)

**Piano Proficiency Requirement**

**Fine Arts Elective (3 hours)**

Music Education majors must take 3 hours in the Art, Dance, or Theatre departments. Students should make certain that this 3-hour course is certified in the Fine Arts Perspectives of the Liberal Arts Curriculum in order to graduate within statutory limits/guidelines.
NURSING (NON-LICENSED)

COLLEGE : NURSING
SCHOOL : none
DEGREE : bachelors of science
OPTION/TRACK : none

LIMITED ACCESS PROGRAM : yes, this program has additional admission requirements as stated below.

CAMPUS(ES) WHERE OFFERED/CONTACT: TAMPA only / Nursing, (813) 974-9305

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)

The University and the College of Nursing work closely with the community colleges within the 10 county USF service area. The University's Liberal Arts requirements and College of Nursing's prerequisite/support courses may be completed through the A.A. degree at the community college. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The A.A. degree satisfies admission requirements only if courses are carefully selected and include the required major prerequisite/support courses.

The College of Nursing requires certain courses within the Liberal Arts requirement for the natural, social and behavioral sciences, and mathematics. Students must complete the prerequisite courses listed below prior to being admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

- Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. In order to be considered for full admission to the college, the applicant must:

1. Submit an application to USF by the appropriate deadline.
2. Submit an application and all supporting materials, including official transcripts, to the College of Nursing by the appropriate deadline.
3. Complete prior to enrollment all state mandated common prerequisites with a grade of "C" or better (for non-licensed baccalaureate students only, completion by application deadline is advised).
4. Maintain a minimum grade point average of 2.5.
5. Complete prior to enrollment all those Liberal Arts courses required for admission to the major (for non-licensed baccalaureate students only, completion by application deadline is advised).
6. Complete all courses required for admission with not more than two (2) repeated courses and not more than one (1) repeat of any given course.
7. Complete the College Level Academic Skills Test (CLAST) or equivalent and the writing and computation course requirements of 6A-10.30 (Gordon Rule).
8. Complete an approved cardiopulmonary resuscitation (BCLS) course prior to enrollment.
9. Provide evidence of health insurance prior to enrollment.
10. Complete the College of Nursing health form prior to enrollment.

- Degree Requirements

Students will be certified for the Bachelor of Science degree with a major in nursing upon completion of 124 semester hours composed of Liberal Arts core courses, required nursing support courses (natural, social/behavioral), required nursing courses, and upper level electives or exit requirements. A minimum grade of "C" or better must be attained in each course in the major and cumulative grade point ratio of 2.0 or better must be maintained throughout the program. At least 40 semester hours must be upper level work (courses numbered 3000 or above).

Nursing Courses - Basic Baccalaureate Sequence

Junior Year (2 semesters)

NUR 3113 Culture of Nursing (2)
NUR 3114 Introduction to Clinical Judgement (3)
NUR 3114L Introduction to Clinical Practice (2)
NUR 3064C Health Assessment Across the Life Span (3)
NUR 3829 Ethical Legal (3)
NUR 3145 Pharmacology in Nursing Practice (2)
NUR 3215 Adult Health I (3)
NUR 3215L Clinical Practice in Adult Health II (3)
NUR 3284C Gerontological Nursing (2)

Senior Year (3 semesters)

NUR 4216 Adult Health II (3)
NUR 4216L Clinical Practice in Adult Health II (3)
NUR 4165 Nursing Inquiry (2)
NUR 4041 Culture in Nursing Practice (2)
NUR 4616 Family Health (4)
NUR 4616L Clinical Practice in Family Health (3)
NUR 4636 Community Health (2)
NUR 4636L Clinical Practice in Community Health (2)
NUR 4765C Rehabilitation Across the Life Span (2)
NUR 4838 Leadership/Management (2)
NUR 4525 Psychiatric/Mental Health (2)
NUR 4525L Clinical Practice in Psychiatric/Mental Health (1)
NUR 4766  Critical Care (2)
NUR 4948L  Preceptorship (3)

In addition to the requirements listed above, a minimum of 6 credits in upper division electives or exit requirements as determined by academic advisor and 4 credits in nursing electives will be required for graduation.
NURSING (REGISTERED)

COLLEGE: NURSING
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE
OPTION/TRAC: NONE

LIMITED ACCESS PROGRAM: YES-THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Nursing, (813) 974-9305 Sarasota/Advisor 941-917-1296 Pasco/Advisor 727-816-3262
ST. PETERSBURG / Advisor, Nursing, (813) 553-3130 Lakeland/Advisor 843-667-7022

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

The University and the College of Nursing work closely with the community colleges within the 10 county USF service area. The University's Liberal Arts requirements and College of Nursing's prerequisite/support courses may be completed through the A.A. degree at the community college. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The A.A. degree satisfies admission requirements only if courses are carefully selected and include the required major prerequisite/support courses.

The College of Nursing requires certain courses within the Liberal Arts requirement for the natural, social and behavioral sciences, and mathematics. Students graduating from a Florida community college with an articulated ASN will receive 72 credits allowing for upper division admission following attainment of RN licensure. These students must complete the SUS required support courses (with a minimum grade of C).

Required SUS Courses

BSC X085C Human Anatomy & Physiology I or Any Human Anatomy & Physiology I course, 3-4 semester hours
BSC X086C Human Anatomy & Physiology II or Any Human Anatomy & Physiology II course, 3-4 semester hours
CHM XXXX Comprehensive General Chemistry (CHM 1032 or higher), 4-6 semester hours
DEP X004 Human Growth & Development or any Human Growth & Development course, 3 semester hours
HUN X201 Human Nutrition or Any Human Nutrition course, 3 semester hours
MCB X010C Microbiology or Any Microbiology course, 4 semester hours
PSY X012 Introduction to Psychology or Any General Psychology course, 3 semester hours
STA X014 Statistics or Any Statistics course, 3 semester hours
SYG X000 Introduction to Sociology or Any Introduction to Sociology course, 3 semester hours

• Admission Requirements to the University Program of Study

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

In order to be considered for full admission to the college, the applicant must:
1. Submit an application to USF by the appropriate deadline.
2. Submit an application and all supporting materials, including official transcripts, to the College of Nursing by the appropriate deadline.
3. Complete all state mandated common prerequisites with a grade of "C" or better.
4. Maintain a minimum grade point average of 2.5.
5. Graduate from a Florida community college with an articulated ASN degree.
6. Complete all courses required for admission with not more than two (2) repeated courses and not more than one (1) repeat of any given course.
7. Complete the College Level Academic Skills Test (CLAST) or equivalent and the writing and computation course requirements of 6A-10.30 (Gordon Rule).
8. Complete an approved cardiopulmonary resuscitation (BCLS) course prior to enrollment.
10. Provide evidence of health insurance prior to enrollment.
11. Complete the College of Nursing health form prior to enrollment.

• Degree Requirements

Students will be certified for the Bachelor of Science degree with a major in nursing upon completion of 124 semester hours composed of Liberal Arts requirements, science support courses (natural, social/behavioral), required nursing courses, and upper level electives or exit requirements. A minimum grade of "C" or better must be attained in each course in the major and cumulative grade point ratio of 2.0 or better must be maintained throughout the program. At least 40 semester hours must be upper level work (courses numbered 3000 or above).

Nursing Courses - Registered Nurse Sequence

Registered nurse students will take the following courses within the non-licensed baccalaureate sequence. For example:

NUR 3064C Health Assessment (3)
NUR 3113 Culture of Nursing (2)
NUR 3145 Pharmacology (2)
NUR 3829 Ethical/Legal Aspects in Nursing and Health Care (3)
NUR 4041 Culture in Nursing Practice (2)
NUR 4636 Community Health (2)
NUR 4636L Clinical Practice in Community Health (2)
NUR 4165 Nursing Inquiry (2)
NUR 4765C Rehabilitation Across the Lifespan (3)
NUR 4766 Critical Care (2)
NUR 4838 Leadership/Management (3)
NUR 4948L Preceptorship

In addition to the requirements listed, a minimum of at least 6 credits in upper division electives or exit requirements as determined by academic advisor and at least four (4) credits in nursing electives (NUR 4935, Selected Topics in Nursing and/or NUR 4905C, Independent Study in Nursing can be used in addition to regularly approved electives) are required for graduation.
PHILOSOPHY

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

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

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

- Mathematics (any courses).
- Foreign Languages (Beginning and Intermediate German, French, or Latin) (1120-1121 level and 2200-2201 level)
- Classics (CLT, CLA for example)

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Major in Philosophy

Majors in philosophy must complete at least 30 credit hours made up as follows:

PHH 3062 History of Philosophy: Ancient and Medieval (3)
PHH 3420 History of Philosophy: Modern (3)
PHI 2100 Introduction to Formal Logic (3)
or
PHI 5135 Symbolic Logic (3)

PHI 4670 Contemporary Ethical Theory (3)

At least one of the following:

PHI 4300 Theory of Knowledge (3)
PHI 5225 Philosophy of Language (3)
PHI 4320 Philosophy of Mind (3)

6 credit hours of 4000 or 5000 level Philosophy courses
9 credit hours of Philosophy electives

Honors Program

The Honors Program in Philosophy allows superior students to pursue philosophical studies at a more advanced level than is customary in undergraduate philosophy programs. Students in the Honors Program will be required to do independent research, to participate in an Honors Seminar, and to write and defend an undergraduate thesis.

Admission Criteria:

Students must complete

PHI 2100 Introduction to Formal Logic (3)
PHH 3062 History of Philosophy: Ancient and Medieval (3)
PHH 3420 History of Philosophy: Modern (3)

with a grade point average of 3.6.

Students must have an overall grade point average of 3.0, and their grade point average in Philosophy must be at least 3.5.

Students must be nominated for admission into the Philosophy program by a faculty member in Philosophy, and a majority of the faculty who have taught the student must approve the student’s admission into the program.

Program Requirements:

Students must take the requirements for the Philosophy major in accordance with the following provisions:

Students must take either PHH 4440 Continental Philosophy or PHH 4600 Contemporary Philosophy

Students must take one course from each of the following groups:

Group 1

PHI 3404 Scientific Method (3)
PHI 4320 Philosophy of Mind (3)
PHI 4300 Theory of Knowledge (3)
PHI 5225 Philosophy of Language (3)
PHP 4784 Analytical Philosophy (3)

Group 2

PHI 4600 Contemporary Ethical Theory (3)
PHI 3601 Contemporary Moral Issues (3)
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<tr>
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<th>Course Title</th>
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<tr>
<td>PHI 3700</td>
<td>Philosophy of Religion</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4800</td>
<td>Aesthetics</td>
<td>3</td>
</tr>
<tr>
<td>PHM 3021</td>
<td>Philosophies of Love and Sex</td>
<td>3</td>
</tr>
<tr>
<td>PHM 3400</td>
<td>Introduction to Philosophy of Law</td>
<td>3</td>
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</table>

### Group 3
- PHM 3100 Social Philosophy (3)
- PHM 4322 Ancient and Medieval Political Philosophy (3)
- PHM 4331 Modern Political Philosophy (3)
- PHM 4340 Contemporary Political Philosophy (3)
- PHP 4788 Philosophy of Marxism (3)

### Group 4
- PHH 4700 American Philosophy (3)
- PHP 3786 Existentialism (3)
- PHP 4000 Plato (3)
- PHP 4010 Aristotle (3)
- PHP 4410 Kant (3)
- PHP 4740 The Rationalists (3)
- PHP 4745 Empiricists (3)

Students must take an Honors Seminar in their senior year.

Students must write a senior thesis and undergo an oral examination on the thesis before a committee of two faculty members, with the Chair as an ex officio member of every such committee.

Students cannot receive a grade lower than a "B" in any Philosophy course, and their grade point average in Philosophy must be at least a 3.5 to remain, or be graduated from the Philosophy Honors program.

Students must complete 35 credit hours in Philosophy, including the 3-hour thesis course and the 3-hour Honors Seminar.
PHYSICAL EDUCATION

COLLEGE : EDUCATION
SCHOOL : PHYSICAL EDUCATION, WELLNESS, AND SPORT STUDIES
DEGREE : BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK : PHYSICAL EDUCATION-ELEMENTARY (K-8)

LIMITED ACCESS PROGRAM: YES—THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Program Director, Undergraduate Advising, Education, (813) 974-2458

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

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

Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

<table>
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<tr>
<th>Course</th>
<th>Title</th>
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<tr>
<td>EDF X005</td>
<td>Introduction to Education</td>
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<tr>
<td>EDG 2701</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>EME 2040</td>
<td>Introduction to Educational Technology</td>
<td>3</td>
</tr>
</tbody>
</table>

(equivalent course or demonstrated competency may be substituted)

Prerequisites:
- Human Anatomy and Physiology I with lab 3-4
- Care and Prevention of Injuries or Anatomy and Physiology II with lab 4-5
- Skill Development Course in Physical Activities 3
- Conditioning, Fitness & Wellness Course in Physical Activities 3

At least one course taken to meet the natural science requirements in General Education must include a laboratory component.

Strongly recommended:
- HSC 2400 First Aid 2

Professional education courses taken at the community college will transfer as general electives.

- Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required. Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST.

- Requirements for the B.S. Degree

The two-year program is offered beginning in the junior year and includes mandatory attendance during the summer session between the junior and senior years.

Professional Education Core:
- PET 2010 Personal/Professional Development Seminar 3
- PET 3310 Kinesiology 3
- PET 3351 Exercise Physiology I 3

Additional Required Courses for K-8 Track:
- EDF 3122 Learning & The Developing Child 3
- EDF 4430 Measurement for Teachers 3
- EDF 3604 Social Foundations of Education (Exit) 3
- FLE 4365 ESOL Competencies and Strategies 3
- PET 3031 Motor Development & Assessment 3
- PET 3252 Issues in Sports (Exit) 3
- PET 3421 Curriculum and Instruction in Physical Education 3
- PET 3422 Instructional Design & Content: Movement Experiences 3
- PET 3441 Instructional Design & Content: Middle School Physical Ed. 3
- PET 3640 Adapted Physical Education 3
- PET 3943 Physical Education Internship: Middle School 4
- PET 4401 Organization and Administration of Physical Education Programs 3
- PET 4432 Instructional Design & Content: Physical Education Elementary 3
- PET 4433 Instructional Design & Content: Physical Education Elementary II 3
- PET 4942 Physical Education Pre-Internship: Elementary 4
- PET 4946 Internship in Teaching Physical Education: Elementary 12
PHYSICAL EDUCATION

COLLEGE : EDUCATION  
SCHOOL : PHYSICAL EDUCATION, WELLNESS, AND SPORT STUDIES  
DEGREE : BACHELOR OF ARTS OR BACHELOR OF SCIENCE  
OPTION/TRACK : PHYSICAL EDUCATION-SECONDARY (6-12)  

LIMITED ACCESS PROGRAM: YES-THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT: 
TAMPA only/ Program Director, Undergraduate Advising, Education, (813) 974-2458

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF  
(State Mandated Common Prerequisites)

Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

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

Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

<table>
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<th>Hours</th>
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<tbody>
<tr>
<td>EDF X005</td>
<td>Introduction to Education</td>
<td>3</td>
</tr>
<tr>
<td>EDG 2701</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>EME 2040</td>
<td>Introduction to Educational Technology</td>
<td>3</td>
</tr>
</tbody>
</table>

(equivalent course or demonstrated competency may be substituted)

Prerequisites:
- Human Anatomy and Physiology I with lab 3-4
- Care and Prevention of Injuries or Anatomy and Physiology II with lab
- Skill Development Course in Physical Activities 4-5
- Conditioning, Fitness & Wellness Course in Physical Activities 3

At least one course taken to meet the natural science requirements in General Education must include a laboratory component.

Strongly recommended:
- HSC 2400     First Aid 2

Professional education courses taken at the community college will transfer as general electives.

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required. Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken after April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken after April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST.

• Requirements for the B.S. Degree

The two-year program is offered beginning in the junior year and includes mandatory attendance during the summer session between the junior and senior years.

Professional Education Core:
- PET 2010 Personal/Professional Development Seminar 3
- PET 3310 Kinesiology 3
- PET 3351 Exercise Physiology I 3

Additional Required Courses For 6-12 Track:
- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 4430 Measurement for Teachers 3
- EDF 4131 Learning and the Developing Adolescent 3
- EDG 4365 ESOL Competencies and Strategies 3
- PET 3031 Motor Development & Assessment 3
- PET 3252 Issues in Sports (Exit) 3
- PET 3421 Curriculum and Instruction in Physical Education 3
- PET 3422 Instructional Design & Content: Experiences 3
- PET 3441 Instructional Design & Content: Middle School Physical Education 3
- PET 3640 Adapted Physical Education 3
- PET 3943 Physical Education Internship: Middle School 4
- PET 404 Principles & Issues in Coaching 3
- PET 4401 Organization & Administration of Physical Education Programs 3
- PET 4442 Instructional Design & Content: Physical Education Secondary 3
- PET 4443 Instruction Design & Content: Physical Education Secondary II 3
- PET 4944 Physical Education Pre-Internship: Secondary 4
- PET 4947 Internship in Teaching Physical Education: Secondary 12
PHYSICS

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

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

CHM 1045/1045L General Chemistry I (with lab) or CHM 1040 & CHM 1041 or CHM 1045C or CHM 1045E
CHM 1046/1046L General Chemistry II (with lab) or CHM 1046C or CHM 1046E

Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

MAC 2311 Calculus I or MAC X281
MAC 2312 Calculus II or MAC X282
MAC 2313 Calculus III or MAC X283
PHY 2048/2048L General Physics I or PHY 2048C
PHY 2049/2049L General Physics II or PHY 2049C

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

Requirements for the Majors in Physics

1. Physics Courses
B.A. PHYSICS (PHY) (34 cr. hrs.)
PHY 2048 General Physics I (3)
PHY 2048L General Physics I Lab (1)
PHY 2049 General Physics II (3)
PHY 2049L General Physics II Lab (1)
PHY 3101 Modern Physics (3)
PHY 3221 Mechanics I (3)
PHY 3822L Intermediate Lab (2)
PHY 3323C Electricity and Magnetism I (4)
PHY 4222 Mechanics II (3)
PHY 4930 Undergraduate Seminar (1)
PHY 4324C Electricity and Magnetism II (4)
PHY 4910 Undergraduate Research (1-4)
PHY 4823L Advanced Laboratory (2)
PHZ 4604 Intro. to Quantum Mechanics* (3)

*Substitution from list of approved courses permitted subject to approval of undergraduate advisor.

2. Required Supporting Courses in Natural Sciences
CHM 2045 General Chemistry I (3)
CHM 2045L General Chemistry I Lab (1)
CHM 2046 General Chemistry II (3)
CHM 2046L General Chemistry II Lab (1)
MAC 2311 or 2281 Calculus I (4)
MAC 2312 or 2282 Calculus II (4)
MAC 2313 or 2283 Calculus III (4)
MAP 2302 Differential Equations (3)

3. Liberal Arts Requirements
[General Education Requirements (36 cr. hrs.); Exit Requirements (9 cr. hrs.)]
The student is required to complete the university’s Liberal Arts Requirements.

4. Free Electives
Courses over and above required courses should be taken to complete a 120-hour program.

5. Residency Requirement
A minimum of 20 credit hours of physics courses (see 1 above) in residency.

6. D and F grades earned in attempting to satisfy major requirements will be used in calculating the major GPA.
PHYSICS

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF SCIENCE
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

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

CHM 1045/1045L General Chemistry I (with lab) or CHM 1040 & CHM 1041 or CHM 1045C or CHM 1045E
CHM 1046/1046L General Chemistry II (with lab) or CHM 1046C or CHM 1046E

Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

MAC 2311 Calculus I or MAC X281
MAC 2312 Calculus II or MAC X282
MAC 2313 Calculus III or MAC X283
PHY 2048/2048L General Physics I or PHY 2048C
PHY 2049/2049L General Physics II or PHY 2049C

- Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

- Requirements for the Majors in Physics

1. Physics Courses

B.S. PHYSICS (44 cr. hrs.)

PHY 2048 General Physics I (3)
PHY 2048L General Physics I Lab (1)
PHY 2049 General Physics II (3)
PHY 2049L General Physics II Lab (1)
PHY 3101 Modern Physics (3)
PHY 3221 Mechanics I (3)
PHY 3822L Intermediate Lab (2)
PHY 3323C Electricity and Magnetism I (4)
PHY 4222 Mechanics II (3)
PHY 4930 Undergraduate Seminar (1)
PHY 3424 Optics* (4)
PHY 4324C Electricity and Magnetism II (4)
PHY 4604 Intro. Quantum Mechanics (3)
PHY 4910 Undergraduate Research (1-4)
PHY 4823L Advanced Laboratory (2)
PHY 4523 Statistical Physics* (3)
PHZ 5405 Solid State Physics I* (3)

*Substitution from list of approved courses permitted subject to approval of undergraduate advisor.

2. RequiredSupporting Courses in Natural Sciences

CHM 2045 General Chemistry I (3)
CHM 2045L General Chemistry I Lab (1)
CHM 2046 General Chemistry II (3)
CHM 2046L General Chemistry II Lab (1)
MAC 2311 or 2281 Calculus I (4)
MAC 2312 or 2282 Calculus II (4)
MAC 2313 or 2283 Calculus III (4)
MAP 2302 Differential Equations (3)

3. Liberal Arts Requirements

[General Education Requirements (36 cr. hrs.); Exit Requirements (9 cr. hrs.).] The student is required to complete the university's Liberal Arts Requirements.

4. Free Electives

Courses over and above required courses should be taken to complete a 120-hour program.

5. Residency Requirement

A minimum of 20 credit hours of physics courses (see 1 above) in residency.

6. D and F grades earned in attempting to satisfy major requirements will be used in calculating the major GPA.
POLITICAL SCIENCE

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
- SARASOTA (Partial) / Advisor, Arts and Sciences, (813) 359-4331
- ST. PETERSBURG / Advisor, Arts and Sciences, (813) 893-9507

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)

Students should complete any two introductory courses with a POS, INR or CPO prefix (ideally POS 1041 or POS 2041, and POS 1112 or POS 2112) at the lower level prior to entering the University. If these introductory courses are not taken at the community college, they must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade.

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<td>ENC 1101 English I--Essay Writing</td>
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<td>ENC 1102 English II--Essay Writing</td>
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<td>Foreign Language I</td>
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<tr>
<td>Foreign Language II</td>
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<tr>
<td>Geography (any GEO)</td>
<td>(3)</td>
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<tr>
<td>History (any AMH or EUH)</td>
<td>(6)</td>
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<td>POS 2112 State and Local Government</td>
<td>(3)</td>
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<tr>
<td>Psychology (any PSY)</td>
<td>(3)</td>
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<tr>
<td>Sociology (any SOC)</td>
<td>(3)</td>
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<tr>
<td>SPC 2600 Public Speaking</td>
<td>(3)</td>
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</tbody>
</table>

- Admission Requirements to the University Program of Study
  Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

- Requirements for the Major in Political Science

A minimum of 36 credit hours is required to satisfy the requirements of the major. Students must take the 12 credit hours of required core courses in political science. No more than six credit hours can be taken from POS 4905, POS 4910, and POS 4941. (A GPA of 3.0 is required to enroll in these courses; special exception may be granted by the Chair for students with a GPA between 2.70 and 2.99).

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, in order to satisfy the requirements of the major.

The undergraduate curriculum in political science is composed of the following:

Required Core Courses (12 cr. hrs.)
- CPO 2002 Introduction to Comparative Politics (3)
- INR 2002 Introduction to International Relations (3)
- POS 2041 American national Government (3)
- POS 3713 Empirical Political Analysis (3)
- POT 3003 Introduction to Political Theory (3)

Note that either CPO 2002 or INR 2002 must be taken as a core course. However, the other course not taken as a core course may be taken as an elective.

Students should complete POT 3003 and POS 3713 by the end of the first semester of their junior year; students transferring with 45 credit hours or more must complete these courses within their first two semesters in residence at USF. A grade of "C" or better is required in all core courses.

Electives from the seven fields (24 cr. hrs.) 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; no course from a given field or field grouping can be taken until the core course has been completed.

Field I - Political Theory
- POT 3013 Classical Political Theory (3)
- POT 4054 Modern Political Theory (3)
- POT 4064 Contemporary Political Thought (3)
- POT 4204 American Political Thought (3)
- POT 5626 Issues in Political Philosophy and Law (3)

Field II - Comparative Government and Politics
- CPO 4034 Politics of the Developing Areas (3)
- CPO 4930 Comparative Government and Politics of Selected Countries or Areas (3)
- CPO 5934 Selected Topics in Comparative Politics (3)

Field III - International Relations
- INR 3102 American Foreign Policy (3)
- INR 3038 International Issues and Actors (3)
- INR 3336 Intelligence and U.S. Foreign Policy (3)
- INR 3770 Comparative Military Systems (3)
- INR 4035 International Political Economy (3)
- INR 4254 Africa in World Affairs (3)
- INR 4334 Defense Policy (3)
INR 4403 International Law (3)
INR 4502 International Organizations (3)
INR 5086 Issues in International Relations (3)

Field IV - American National and State Governments
POS 2080 The American Political Tradition (3)
POS 2112 State and Local Government and Politics (3)
POS 3173 Southern Politics (3)
POS 3182 Florida Politics and Government (3)
POS 3273 Practical Politics (3)
POS 3453 Political Parties and Interest Groups (3)
POS 4204 Political Behavior, Public Opinion, and Elections (3)
POS 4413 The American Presidency (3)
POS 4424 The American Congress (3)
POS 5094 Issues in American National and State Government (3)
PUP 4323 Women and Politics (3)

Field V - Urban Government and Politics
POS 3142 Introduction to Urban Politics and Government (3)
POS 3145 Governing Metropolitan Areas (3)
POS 4165 Community Leaders and Politics (3)
POS 5155 Issues in Urban Government and Politics (3)
PUP 4534 City Planning and Community Development (3)

Field VI - Public Policy
INR 3102 American Foreign Policy (3)
INR 4334 Defense Policy (3)
POS 3145 Governing Metropolitan Areas (3)
PUP 4002 Public Policy (3)
PUP 4007 (3)
PUP 4203 Environmental Politics and Policy (3)
PUP 4323 Women and Politics (3)
PUP 4534 City Planning and Community Development (3)

Field VII - Law and Politics
INR 4403 International Law (3)
POS 3283 Judicial Process and Politics (3)
POS 3691 Introduction to Law and Politics (3)
POS 4614 Constitutional Law I (3)
POS 4624 Constitutional Law II (3)
POS 4693 Women and law I (3)

The following courses are not included within any of the seven fields, but may still be used as elective hours:
PAD 3003 Introduction to Public Administration (3)
PAD 4204 Public Financial Administration (3)
POS 3931 Selected Topics (3)
POS 4905 Independent Study (1-3)
POS 4910 Individual Research (1-3)
POS 4936 Senior Seminar (3)
POS 4941 Field Work (3-15)
POS 4970 Honor Thesis (3)
POT 4109 Politics and Literature (3)
POT 4661 The Politics of Identity, Difference and Inequality (3)
POT 4936 Selected Topics in Political Theory (3)
PSYCHOLOGY

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
LAKELAND (Partial) / Advisor, Arts and Sciences, (941) 667-7011
SARASOTA / Advisor, Arts and Sciences, (941) 359-4331
ST. PETERSBURG / Advisor, Arts and Sciences, (813) 893-9507

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university. Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

PSY X012 Introduction to Psychology and any other lower level Psychology course within the Psychology inventory
STA XXXX Any level Statistics course (X000 - X099)
BSC XXXX Any level General Biology course (or BSC X200-X209, or ZOO X010)

Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

Requirements for the Major in Psychology

Majors must complete at least 34 semester hours in the field. A minimum grade of "C" or better must be attained in each course in the major.

All majors must complete:

2000/3000 Level Requirement (6 semester hours)
Successful completion of:
PSY 2012 Psychology I (if not already taken at a community college)
PSY 3044 Psychology II

Methods Course Requirement (7 semester hours)
PSY 3213 (4)
and one of the following:
CLP 4433 Psychological Tests and Measurement (3)
PSY 4205 Experimental Design and Analysis (3)
or another methods course approved by the undergraduate advisor in Psychology.

4000 Level Requirement (21 semester hours)
Successful completion of 7 additional Psychology courses numbered at the 4000 level selected as follows: At least two courses from each of the two groups below:

Group I
EXP 4204C Perception (3)
EXP 4304 Motivation (3)
EXP 4404 Psychology of Learning (3)
EXP 4523C Cognitive Psychology (3)
PSB 4013C Physiological Psychology (3)

Group II
CLP 4143 Abnormal Psychology (3)
DEP 4005 Developmental Psychology (3)
INP 4004 Industrial Psychology (3)
PPE 4004 Personality (3)
SOP 4004 Social Psychology (3)

and 3 additional courses numbered at the 4000 level.

Note: No more than a total of 3 hours of the following courses may count toward the major:
PSY 4913 Directed Study (1-3)
PSY 4970 Honors Thesis (1-3)

PSY 4932 may not count toward the major. Nor may EAB 4715 (Supervised Practicum) count towards the major for those in the Applied Behavior Analysis program.

Statistics and Biological Science are required. Otherwise, students majoring in psychology are encouraged to complete a varied undergraduate program.

A prerequisite for all 4000-level courses is a grade of "C" or better in both PSY 3044 and PSY 3213, not "C-". For students minoring in Psychology, a grade of "C" or better in any college-level statistics course will substitute for the PSY 3213.

For students majoring in Interdisciplinary Social Sciences, any college-level statistics course with a grade of "C" or better may serve as prerequisite for 4000 level courses in Psychology but does not substitute for the PSY 3213 requirement.
RELIGIOUS STUDIES

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
ST. PETERSBURG (Partial) / Advisor, Arts and Sciences, (813) 893-9507

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

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

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Major in Religious Studies
A total of 36 credit hours chosen from Religious Studies courses. Transfer students may not apply more than 12 hours taken elsewhere toward the major at the University of South Florida. Only letter grades will be counted toward the (minimum of 24 credit hours taken at the University of South Florida for transfer students or) 36 (for non-transfer students) credit hours required for the major. Students taking Religious Studies as a second major need to complete only 30 credit hours. To do so they must make a written request to the Undergraduate Director at the time they declare their major.

All majors must take:
REL 3003 Introduction to Religion (3)
REL 4949 The Development of Religious Studies (3)
REL 4931 Seminar in Religion (3)

An additional 27 credit hours chosen from Religious Studies courses. Students are expected to study at least two different religious traditions.

All transfer student must take a minimum of 24 hours in Religious Studies courses at the University of South Florida.

It is the prerogative of the Department of Religious Studies to determine whether courses taken at other universities may be applied toward the major at the University of South Florida. This will be decided as soon as the student becomes a major in the Department of Religious Studies at the University of South Florida.

The department’s course offerings are sufficiently varied that a student should expect to enroll in its scheduled classes. No more than three directed studies courses may be applied toward the major. Any student who wishes to take any type of directed study, including REL 3900, must have the (written) approval of his/her instructor, and the director of undergraduate studies.
RUSSIAN

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503
Language Advisor, (813) 974-2762

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

Students should demonstrate proficiency at the intermediate level within the target language. This may be accomplished by completing 6-12 hours within the language or by demonstrated competency at the intermediate level. If this coursework (or associated competency) is not completed at the community college, it must be completed before the degree is granted. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECN 1101</td>
<td>English I</td>
<td>(3)</td>
</tr>
<tr>
<td>ECN 1102</td>
<td>English II</td>
<td>(3)</td>
</tr>
<tr>
<td>Social Science (any HIS, SOC, ANT, etc.)</td>
<td>(6)</td>
<td></td>
</tr>
<tr>
<td>Humanities (any HUM)</td>
<td></td>
<td>(6)</td>
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<tr>
<td>XXX 1120, 1121, and 2200</td>
<td>Beginning and Intermediate &quot;Target Language&quot;</td>
<td>(14-19)</td>
</tr>
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</table>

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the B.A. Degree

Required courses for the major (14 cr. hrs.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RUS 3240</td>
<td>Conversation I</td>
<td>(4)</td>
</tr>
<tr>
<td>RUS 4241</td>
<td>Conversation II</td>
<td>(4)</td>
</tr>
<tr>
<td>RUT 3110</td>
<td>Russian Classics in English</td>
<td>(3)</td>
</tr>
<tr>
<td>RUT 3111</td>
<td>Twentieth Century Russian Literature in English</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Supporting courses required for the major

18 hours in 3000 or 4000 level courses planned with the advisor.
SCIENCE EDUCATION

COLLEGE: EDUCATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK: BIOLOGY, CHEMISTRY, PHYSICS

LIMITED ACCESS PROGRAM: YES—THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Program Director, Undergraduate Advising, Education, (813) 974-2458

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. A minimum of 60 semester hours must be completed at the university unless prior approval is secured.

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

Students must complete the prerequisite courses listed below prior to being admitted to the upper-division major. Students who do not complete these prerequisites cannot be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

EDF X005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology
(Equivalent course or demonstrated competency may be substituted)

For Biology Teacher Education -
- Biology with Lab 8
- Chemistry with Lab or Physics with Lab 8
- Electives in Science 6

For Chemistry Teacher Education -
- Chemistry with Lab 8
- Biology with Lab or Physics with Lab 8
- Electives in Science 6

For Physics Teacher Education -
- Physics with Lab 8
- Biology with Lab or Chemistry with Lab 8
- Electives in Science 6

In addition to EDG 2701, lower-division courses must include 6 credit hours with an international or diversity focus.

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required. Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST.

Professional education courses taken at the community college will transfer as general electives.

• Requirements for the B.S. Degree

Professional Education Core for all Tracks (29 cr. hrs.):
The required courses in the professional education core are as follows:
EDF 3214 Human Development and Learning 3
EDF 3604 Social Foundations of Education (Exit) 3
EDG 4620 Curriculum and Instruction 3
EDF 4430 Measurement for Teachers 3
EEX 4070 Integrating Exceptional Students in the Regular Classroom 2
FLE 4365 ESOL Competencies and Strategies 3
SSE 4940 Internship: Science Education 10
SSE 4936 Senior Seminar in Science Education 1-2

Required Courses for All Science Education Majors (15 cr. hrs.):
As a minimum, satisfactory completion of the following courses:
SCE 4237 Science, Technology, Society (Exit) 4
SCE 4305 Communication Skills in Science 3
SCE 4320 Teaching Middle Grade Science 3
SCE 4330 Teaching Methods in Secondary School Science 3

Areas of Specialization (Divided into 3 Tracks Below)

Biology Education
Prerequisites (19 cr. hrs.):
BSC 2010* Biology I with lab 4
BSC 2011* Biology II with lab 4
CHM 2045* General Chemistry I with lab 4
PHY 2053* General Physics I with lab 4
One of the following:
BSC 2085* Human Anatomy Physiology 3
CHM 2046 General Chemistry II with Lab or 4
PHY 2054 General Physics II with Lab 4

Continued
### Chemistry Education

**Specialization (29 cr. hrs.):**
- PCB 3063 General Genetics 3
- PCB 3023C Cell Biology 4
- PCB 3043C Principles of Ecology 3
- PCB 3043L Principles of Ecology Lab 1
- PCB 4674 Organic Evolution 3
- MCB 3030C Introduction to Microbiology 4
- BSC 4057 Environmental Issues (Exit) 3
- MAC 2281 Engineering Calculus I 3

**Chemistry Education**

**Prerequisites (20 cr. hrs.):**
- BSC 2010* Biology I with lab 4
- CHM 2045* General Chemistry I with lab 4
- CHM 2046* General Chemistry II with lab 4
- PHY 2053* General Physics I with lab 4
- PHY 2054* General Physics II with lab or
- BSC 2011* Biology II with lab 4

**Specialization (28 cr. hrs.):**
- CHM 2046 General Chemistry I w/Lab 4
- CHM 2210 Organic Chemistry I 3
- CHM 2210L Organic Chemistry I Lab 1
- CHM 3120C Elementary Analytical Chemistry 4
- CHM 3400 Elementary Physical Chemistry I 3
- CHM 3610C Intermediate Inorganic Chemistry 4
- CHM 4070 Historical Perspectives in Chemistry (Exit) 3
- BCH 3023 Biochemistry 3
- MAC 2281 Engineering Calculus I 3

### Physics Education

**Prerequisites (20 cr. hrs.):**
- BSC 2010* Biology I with lab 4
- CHM 2045* General Chemistry with lab 4
- CHM 2046* General Chemistry II with lab or
- BSC 2011* Biology II with lab 4
- PHY 2048* General Physics with lab and
- PHY 2049* General Physics with lab
- or
- PHY 2053* General Physics with lab and
- PHY 2054* General Physics with lab

**Specialization (31 cr. hrs.):**
- MAC 2281 Engineering Calculus I 3
- MAC 2282 Engineering Calculus II 3
- MAC 2283 Engineering Calculus III 3
- PHY 2020 Conceptual Physics 3
- PHY 3101 Modern Physics 3
- PHY 3221 Mechanics I 3
- PHY 3323C Electricity & Magnetism I 4
- PHY 4031 Great Themes in Physics (Exit) 3
- Electives in Physics 6

A Physics Education major will need a three credit hour course in computer applications in physics.

*May be part of General Education Requirements
SOCIAL SCIENCE EDUCATION

COLLEGE: EDUCATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: YES-THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Program Director, Undergraduate Advising, Education, (813) 974-2458
- SARASOTA / Advisor, Education, (941) 359-4331
- ST. PETERSBURG / Advisor, Education, (813) 893-9533

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. A minimum of 60 semester hours must be completed at the university unless prior approval is secured.
If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, they must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

EDF X005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

(Equivalent course or demonstrated competency may be substituted)

Additional prerequisites needed are:
- American Government 3
- Anthropology 3
- Cultural Geography 3
- Economics 3
- History 3
- Psychology 3
- Sociology 3
- One Natural Science course which includes a laboratory.

In addition to EDG 2701, Lower division courses must include 6 credit hours with an international or diversity focus. Professional education courses taken at the community college will transfer as general electives.

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required. Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST.

Professional education courses taken at the community college will transfer as general electives.

Requirements for the B.S. Degree
Professional Education Core (29 cr. hrs.):
The required courses in the professional education core are as follows:

EDF 3214 Human Development and Learning 3
EDG 4620 Curriculum and Instruction 3
EDF 4430 Measurement for Teachers 3
EEX 4070 Integrating Exceptional Students in the Regular Classroom 2
FLE 4365 ESOL Competencies and Strategies 3
SSE 4936 Senior Seminar in Social Science Education 2
SSE 4940 Internship: Social Science Education 10

*Only SSE 4936 can be taken at the same time as SSE 4940

Social Sciences Specialization (48 cr. hrs.):
AMH 2010 American History I* 3
AMH 2020 American History II* 3
AMH 3421 Early Florida History 4
AMH 3423 Modern Florida History I 4
AMH 3424 American History or Latin American History** 3
AMH 3425 African History, American History or Latin American History** 3
ECO 2000 Basic Economics 3
ECO 2013 Macroeconomics 3

Continued
One of the following:
SYG 2000  Introduction to Sociology or
SYG 2010  Contemporary Problems

One of the following:
POT 4054  Modern Political Thought or
POT 4064  Contemporary Political Thought or
POT 4204  American Political Thought or
INR 3018  World Ideologies

*May meet General Education Requirements
**Also meets General Education ALAMEA requirement

Social Science Education (11 cr. hrs.):
SSE 4333*  Teaching Middle Grades Social Science  3
SSE 4334  Teaching Secondary Grades Social Science  3
SSE 4335**  Teaching Social Science Themes  3
SSE 4640  Communications Skills in the Social Sciences  2

*Must be completed prior to SSE 4334 and SSE 4640.
**Can only be taken after SSE 4640.
SOCIAL WORK

COLLEGE: ARTS AND SCIENCES
SCHOOL: SCHOOL OF SOCIAL WORK
DEGREE: BACHELOR OF SOCIAL WORK
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: YES - THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, School of Social Work, Arts and Sciences, (813) 974-2063

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

If possible, students enrolled in community colleges should take their college equivalents of common prerequisite courses (P) and cross-cultural foundation course (P*) before entering USF. All courses must be passed with a "C" or better.

A student must successfully complete, by earning a "C" or better:

- One course in each of the following cognate areas
  - XXX XXXX American Government (3)
  - XXX XXXX Biology (Human Biology or Anatomy & Physiology) (3)
  - ECO XXXX Economics (Microeconomics or Macroeconomics) (3)
  - XXX XXXX Introductory Psychology (3)
  - XXX XXXX Introductory Sociology/Social Problems (3)

• Admission Requirements to the University Program of Study

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

Admission to the B.S.W. program is a three-stage process, i.e., common prerequisites, foundation, and core curriculum. Any student who holds a minimum of Sophomore standing and has completed common prerequisite work in political science, biology, economics, psychology, and sociology (see specific requirements below) may declare a social work major. This is done by filing a declaration of major form with the College of Arts and Sciences, Records and Advising Office. All majors will be assigned to an advisor within the School who will assist the student in selecting courses. Many students will have already taken most of the common prerequisite courses as part of general distribution at USF or in their course of study at a community college. After completion, a student will be ready for provisional courses in the social work major, a final step in applying for admission to the B.S.W. program as a full major. It is necessary to be admitted as a full major before taking core social work courses.

Admission requirements for the full social work major are as follows:

1. A student must have completed a minimum of one semester as a social work major;
2. A student must have completed required common prerequisites and provisional courses (see listing);
3. A student must complete an application for full admission and file it with the School of Social Work before the beginning of the semester in which admission is sought; dates will be posted in the Social Work office;
4. A student may be asked to complete an admission interview with a favorable action from the Undergraduate Committee.
5. A student must achieve a grade of "B" or better in SOW 3302, Introduction to Social Work, and SOW 3203, The American Social Welfare System, to be considered for admission.
6. A student must have successfully completed CLAST. CLAST may be repeated and the applicant may reapply to the program after successful completion of CLAST.

• Requirements for the Major in Social Work

Foundation Courses (P*) for Provisional Social Work Majors (May be completed after transferring to USF).

1. A student must successfully complete by earning a "C" or better one of the following cross cultural courses or equivalency.

   African American Studies:
   - AFA 2000 Introduction to the Black Experience (3)
   - AFA 4331 Social Institutions and the African-American Community (3)
   - AFA 4335 Black Women in America (3)
   - AFS 2250 Culture and Society in Africa (3)
   - AMS 3700 Racism in American Society (3)
   - PUP 3313 Blacks in the American Political Process (3)

   Anthropology:
   - ANT 2000 Introduction to Anthropology (3)
   - ANT 3005 The Anthropological Perspective (3)
   - ANT 2410 Cultural Anthropology (3)
   - ANT 4316 Ethnic Diversity in the USA (3)
   - ANT 4432 The Individual and Culture (3)

   Sociology:
   - SYD 3700 Racial and Ethnic Relations (3)

   Women’s Studies:
   - WST 3015 Introduction to Women’s Studies (3)
   - SOP 3742 Psychology of Women (3)
   - PUP 4323 Women and Politics (3)
   - WST 3011 Issues in Feminism (3)
   - AMH 3561 American Women I (4)
   - AMH 3562 American Women II (4)
   - WST 4262 Literature by American Women of Color (3)
   - LIT 3383 The Image of Women in Literature (3)

Continued
WST 4263 Third World Women Writers (3)

2. Both of the following Social Work courses, earning a “B” or better:
   SOW 3203 American Social Welfare System (3)
   SOW 3302 Introduction to Social Work (3)

Social Work Core Courses
1. Human Behavior and Social Environment Courses
   SOW 3101 (4) SOW 3102 (4)
2. Social Welfare: Policy & Program Course
   SOW 4233 (4)
3. Social Research Course
   SOW 3401 (4)
4. Social Work Practice Courses
   SOW 4341 (5) SOW 4343 (5)
5. Directed Field Experience
   SOW 4510 (3) SOW 4510L (6)
6. Multi-cultural America
   SOW 4522 (3)

Summary:
   Core Courses 29 hours
   Field Experience 9 hours
   TOTAL 38 hours
SOCIOLOGY

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS
OPTION/TRACK: NONE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
- SARASOTA (Partial) / Advisor, Arts and Sciences, (941) 359-4331
- LAKELAND (Partial) / Advisor, Arts and Sciences, (941) 667-7011

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)
  Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

  Students should complete two lower level introductory courses in Sociology prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade. Students are encouraged to take the following prerequisites, or major, support, or elective courses, if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses.

  STA 2122 Social Science Statistics (3)
  SYG 2000 Introduction to Sociology (3)
  WST 3015 Introduction to Women's Studies (3)

- Admission Requirements to the University Program of Study
  Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

- Requirements for the Major in Sociology
  The major consists of a minimum of 36 credit hours of Sociology coursework plus ISS STA 2122: Social Science Statistics or its equivalent. All university-wide regulations regarding transfer credits and credits needed for graduation apply, at least 27 of the 36 hours of coursework in Sociology must be USF credits. Only courses in which a grade of "C" or better is attained will count toward the minimum hours although lower grades are included in calculating the major GPA.

  The minimum of 36 credit hours in Sociology must include the following four core courses (12 hours):
  SYG 2000 Introduction to Sociology (3)
  (May be replaced with an upper level sociology elective if a total of 12 or more hours of sociology coursework is completed before declaring a Sociology major)
  SYA 3010 Classical Theory (3)
  SYA 3300 Research Methods (3)
  (Prerequisite: STA 2122 Social Science Statistics or its equivalent)
  SYA 4935 Senior Seminar (3)
  (Students earning a grade less than "C" in this course must take an additional course in Sociology. In that event, the minimum number of Sociology credits is 39)

  The remaining 24 hours of sociology coursework may be comprised of any of the courses offered by the Sociology department with the exception of SYG 2412 Marriage. This course counts toward the total number of hours needed to graduate but it does not count toward the minimum number of sociology hours needed for the major. No more than three hours of SYA4910 Individual Research may count toward the 36 hour minimum.

Students are encouraged to make an appointment to talk with the Sociology Department Undergraduate Advisor when they have questions about major requirements or about which electives offered each semester would best meet their educational and career goals.
SPANISH

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503
Language Advisor, (813) 974-2762

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(STATE MANDATED COMMON PREREQUISITES)
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should demonstrate proficiency at the intermediate level within the target language. This may be accomplished by completing 6-12 hours within the language or by demonstrated competency at the intermediate level. If this coursework (or associated competency) is not completed at the community college, it must be completed before the degree is granted. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/ Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

ECN 1101 English I (3)
ECN 1102 English II (3)
Social Science (any HIS, SOC, ANT, etc.) (6)
Humanities (any HUM) (6)
Beginning and Intermediate "Target Language" (XXX 1120, 1121, and 2200) (14-19)

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the B.A. Degree
Required courses for the major (15 cr. hrs.)
SPN 3300 Composition (3)
SPN 4301 Expository Writing (3)
SPW 4100 Survey of Spanish Literature I (3)
SPW 4101 Survey of Spanish Literature II (3)
SPW 4131 Survey of Spanish-American Literature (3)

Supporting courses required for the major:
17 hours in 3000, 4000 or 5000 level courses planned with the advisor
SPECIAL EDUCATION (K-12)

COLLEGE: EDUCATION
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE
OPTION/TRACK: VARYING EXCEPTIONALITIES

LIMITED ACCESS PROGRAM: YES—THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
- TAMPA / Program Director, Undergraduate Advising, Education, (813) 974-2458
- LAKELAND / Advisor, Education (941) 667-7011
- SARASOTA / Advisor, Education (941) 359-4331
- ST. PETERSBURG / Advisor, Education, (813) 893-9533

Program of Study at the Community College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
These prerequisites must be met by transfer students as well as USF students. A grade of “C” is the minimum acceptable grade.

- EDF X005 Introduction to Education 3
- EDG 2701 Teaching Diverse Populations 3
- EME 2040 Introduction to Educational Technology* 3

*equivalent course or demonstrated competency may be substituted

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under “Preliminary Requirements for Students entering Teacher Education Programs” on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

Students must also take courses in the following areas, which may meet General Education Requirements as well as fulfill Prerequisites:

- Nine (9) semester hours in English to include writing, literature, and speech
- Nine(9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory
- Nine(9) semester hours in mathematics to include college algebra or above and geometry
- Twelve (12) semester hours in social sciences to include American history and general psychology
- Six (6) semester hours in the humanities, including philosophy and fine arts

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required.

Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT.

Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST.

Professional education courses taken at the community college will transfer as general electives.

Introduction/General Psychology and Sociology are recommended.

Requirements for the B.S. Degree
Professional Education Core (29 cr. hrs.):
The required courses in the professional education core are as follows:
- EDF 3122 Learning and the Developing Child 3
- or
- EDF 3214 Human Development and Learning 3
- EDF 3604 Social Foundations of Education (Exit) 3
- EDG 4620 Curriculum and Instruction 3
- EDF 4430 Measurement for Teachers 3
- FLE 4315 Teaching LEP Students K-12 3
- FLE 4316 Language Principles and Acquisition 2
- EEX 4940 Internship: Exceptional Student Education 9
- EEX 4936 Senior Seminar in Exceptional Student Education 2

Area of Specialization
Varying Exceptionalities (BPX)
Students seeking the B.S. degree with certification in Varying Exceptionalities are required to take the following courses:
- EEX 4941 Undergraduate Supervised Practicum 1-6
- EEX 4011 Foundations of Special Education 3
- EEX 4054 Perspectives on Learning and Behavioral Disorders 3
- EEX 4221 Educational Assessment of Exceptional Students 3
- EEX 4243 Education of the Exceptional Adolescent and Adult 3
- EEX 4604 Behavior Management for Special Needs and at Risk Students 3
- EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues (Exit) 3
- EEX 4846 Clinical Teaching in Special Education 3
- EMR 4011 Mental Retardation and Developmental Disabilities 3
- LAE 4416 Teaching Literature and Writing in the Elementary Grades 3
- MAE 4310 Teaching Elementary School Mathematics I 3
- RED 4310 Early Literacy Learning 3
- RED 4511 Literacy in the Intermediate and Middle Grades 3
USF UNDERGRADUATE DEGREE REQUIREMENTS - 2001/2002

STUDENT'S SELECTION

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : TO BE DETERMINED BY STUDENT/ADVISOR
OPTION/TRACK : PRE-LAW EMPHASIS

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Coordinator of Advising, Arts and Sciences, (813) 974-2503

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

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

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

Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

AMH 2010 American History I (3)
AMH 2020 American History II (3)
ENC 3310 English--Essay Writing (3)
EUH 1000 World Civilization I (3)
EUH 1101 World Civilization II (3)
POS 2112 State and Local Government (3)
SPC 2600 Public Speaking (3)

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Pre-Law Plan in Political Science

The Political Science Program offers a pre-law plan designed for the undergraduate students who are considering a career related to law (Courses on Law and Politics are listed under Field VII of the Political Science undergraduate curriculum). The courses making up the field are of particular interest to law-oriented students, but may be taken by others as well. Majors are required to complete courses that can help them develop necessary skills to study law. Students receive the skills and information needed for entry into a number of law-related positions in business and government. Please see the departmental pre-law advisor to obtain more information about the pre-law plan.

Prior to admission to law school, a student must take the Law School Admission Test (LSAT), as given by the Educational Testing Service of Princeton, New Jersey. The Law School Admission Test is given simultaneously several times each year at the University of South Florida and numerous other testing centers throughout the state. Students should plan to take the test at least one year prior to planned enrollment in law school. Additional information is available from the Department of Government and International Affairs, University of South Florida. (Pre-law is not a prescribed program of study. No specific college major is required for admission to law school. Those students intending to pursue the study of law must obtain a Bachelor's degree in an arena of personal choice. It is generally agreed that knowledge and understanding of the political, economic, and social context within which legal problems arise facilitate a career in law.)
STUDENT'S SELECTION

COLLEGE: ARTS AND SCIENCES
SCHOOL: NONE
DEGREE: TO BE DETERMINED BY STUDENT/ADVISOR
OPTION/TRACK: PRE-MEDICAL SCIENCES PROGRAM

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Science Advising Center, Arts and Sciences, (813) 974-2674

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(STATE MANDATED COMMON PREREQUISITES)

Students are encouraged to complete the A.A. degree and include the following courses, if available, during the program of study at the community college.

These courses prepare students for admission to professional schools of chiropractic medicine, dentistry, medicine, osteopathic medicine, podiatric medicine, optometry, veterinary medicine, and pharmacy. All of these professional schools have in common the following course requirements, which should be completed by the end of the junior year, the usual time of application:

**Biology**
- BSC 2010, 2010L Biology I: Cellular Processes (3,1)
- BSC 2011, 2011L Biology II: Diversity (3,1)

**Chemistry**
- CHM 2045, 2045L General Chemistry I (3,1)
- CHM 2046, 2046L General Chemistry II (3,1)
- CHM 2210, 2210L Organic Chemistry I (3,2)
- CHM 2211, 2211L Organic Chemistry II (3,2)

**Physics**
- PHY 2053, 2053L General Physics I (3,1)
- PHY 2054, 2054L General Physics II (3,1)

There are no state mandated common prerequisites for this degree program.

In addition to these requirements it is generally expected that preprofessional students will complete two semesters of English and mathematics appropriate for their degree. Some schools require calculus and some require one or two courses in biochemistry. CLEP credit is usually not accepted by professional schools, and some schools do not accept AP or IB credits. Students should check with the school of their choice regarding credit.

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Health Professions Programs

The College of Arts and Sciences offers programs designed to prepare students for admission to professional schools of medicine, osteopathic medicine, chiropractic medicine, dentistry, optometry, podiatry, veterinary medicine, pharmacy, physician assistant, and physical therapy. Most of these professions require four years of preprofessional preparation followed by four years of training in a professional school. A few well-prepared students with exceptional qualifications may be admitted to some professional schools as early as the completion of the junior year of preprofessional work. The preprofessional programs do not meet requirements for a degree; therefore, students must choose a major in addition to fulfilling their pre-professional requirements. Most preprofessional students major in the sciences because of their interests in the health sciences, and because of the considerable overlap between the preprofessional curriculum and the degree requirements for majors in the biology and chemistry departments. Entrance into all professional schools or programs is competitive, and students should begin establishing a record of excellence with the first semester at USF. Furthermore, it is essential that students pursue courses developing a sense of understanding of cultural and humane values as well as basic social problems. Students should also have some clinical and/or volunteer experience related to the medical field.

The College of Arts and Sciences provides academic advising in the Science Advising Center (CHE 306). The office maintains a library of current catalogs and books on admission requirements for professional schools and is an important resource center for preprofessional students. Students considering one of the health professions should contact the College of Arts and Sciences during the first semester at USF to declare their interest in a health professions program. Students are then assigned to the Science Advising Center for curriculum planning. At the time of application to professional schools, students are provided information about admission tests and the application process, and they are assisted in the process of obtaining recommendations. For additional information, go to http://www.cas.usf.edu/sac/.
THEATRE

COLLEGE: FINE ARTS
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS OR BACHELOR OF FINE ARTS
OPTIONS/TRACKS: THEATRE ARTS, DESIGN, EDUCATION, PERFORMANCE

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
  TAMPA only / Coordinator of Advising, Fine Arts, (813) 974-3660

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
  (State Mandated Common Prerequisites)
  Students are encouraged to complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.
  This is a non-limited access program with the courses below recommended.

  Students need not have completed a concentration of courses in theatre in order to consider a Theatre major at USF. However, admission to upper-level Theatre Performance program is by audition and admission to the upper-level Design sequence is by portfolio review. If the student does not succeed in passing the audition or portfolio review certain Theatre program requirements may have to be repeated until successful completion of the audition or portfolio review can be achieved.

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

  If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

THE 2000  Introduction to the Theatre or any introductory course from 001-035 at the 1 or 2 level
THE 2300  Script Analysis, 3 semester hours or THE 2305
TPA 1290  Production Involvement, 1 semester hour or THE X925, 1 semester hour
TPA 2200  Introduction to Technical Theatre I, 3 semester hours or TPA 2210, 3 semester hours
TPP 1190  Studio Theatre-Cast, 1 semester hour or TPP 2190, 1 semester hour
TPP 2100  Voice-Body-Improvisation, 3 semester hours or TPP 2210, 3 semester hours
PLUS nine hours of any combination of THE, TPA and TPP courses.

• Admission Requirements to the University Program of Study
  Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the B.A. Degree with a major in Theatre
  The students may choose one of four areas for the B.A. degree: Performance, Design or Theatre Arts. Common to all is the following core:

  Core Curriculum (33 hours)
  First Year (14 hours)
  THE 2020 Introduction to Theatre       (3)
  TPP 2110 Voice-Body Improvisation       (3)
  TPA 2200 Intro to Technical Theatre I       (3)
  TPA 2290L Intro to Technical Theatre Lab I       (1)
  TPA 2291 Intro to Technical Theatre II       (3)
  TPP 2190 Studio Theatre Performance I       (1)
  Second Year (8 hours)
  THE 2305 Script Analysis       (3)
  Choice of:
  THE 3110 Theatre History I -XMW or       (3)
  THE 3111 Theatre History II -XMW and       (3)
  TPA 2292 Production Involvement I       (3)
  TPP 2190 Studio Theatre Performance I       (1)
  Third Year (8 hours)
  Choice of one Literature of the Stage (LS):
  THE 4330 Shakespeare for the Theatre -6A -XMW -XLW       (3)
  THE 4360 19th Century Theatre Revolution -6A -XMW-XMW       (3)
  THE 4401 O’Neill and After -6A -XMW-XLW       (3)
  THE 4435 Theatre of Pluralism -6A -XMW-XLW       (3)
  THE 4442 Comedy of Classic & Neoclassic Stage -6A -XLW-XMW       (3)
  THE 4480 Drama Special Topics       (3)
  AND
  Choice of one Theatre Historical Studies (TS):
  THE 3110 Theatre History I -XMW       (3)
  THE 3120 Theatre History II -XMW       (3)
  THE 4320 Theatre of Myth and Ritual -6A -XMW-XLW       (3)
  THE 4180 Theatre Origins -6A -XMW-XLW       (3)
  THE 4434 Caribbean Theatre -6A-XMW-XLW       (3)
  Note: By prior agreement between the chair and instructor the Honors sequence in its entirety (THE 4593, 4594, 4595) may substitute for “Literature of the Stage (LS)” or “Theatre Historical Studies (TS)”
  TPA 4293 Production Involvement II       (1)
  TPP 4193 Studio Performance II       (1)
  Fourth Year (3 hours)
  Choice of either:
  THE 4180 Theatre Origins -6A -XMW-XLW       (3)
  OR
  THE 4562 Contemporary Performance Theory -6A -XMW-XLW       (3)

Continued
Audition and Portfolio Review: All students desiring admittance into the upper level acting courses must audition and those entering the upper level design sequence must present a portfolio. This normally occurs after the completion of the sophomore year.

REQUIRED COURSES FOR AREAS OF STUDY IN THEATRE

Performance Area (BA Degree)

General Education: 36
Language: 8-10
Exit Courses: 9
Fine Arts (Non-Theatre): 6
Theatre Core: 33
92-94
TPP 3920 Acting Studio I 8
TPP 3921 Acting Studio II 8
Additional TPP Courses 9
Free Electives 2
26-28
Total Hours 120

Design Concentration (BA Degree)

General Education 36
Language: 8-10
Exit Courses: 9
Fine Arts (Non-Theatre): 6
Theatre Core: 33
92-94
TPA 3007 Introduction to Design I 3
TPA 3008 Introduction to Design II 3
TPA 3208 Drafting and CAD I 3
Plus TWO
TPA 3231 Costume Construction 3
TPA 3221 Lighting Theory and Practice 3
TPA 3251 Drafting and CAD II 3
AND
THE 4266 Architecture and Decor 3
THE 4264 Costume History 3
TPA 4011 Design Studio I 3
Free Electives 2-4
26-28
Total Hours 120

Requirements for B.F.A. Degree with Theatre Design Concentration

Note: 1) Language requirement not applicable for B.F.A. degree; 2) With careful selection of General Education and Exit Courses the BFA may be achieved in 120 hours. See Advisor.

General Education: 36
Language: Not Required
Exit Courses: 9
Fine Arts (Non-Theatre): 6
Theatre Core: 33
84
TPA 3007 Introduction to Design I 3
TPA 3008 Introduction to Design II 3
TPA 3208 Drafting & CAD I 3
Plus TWO
TPA 3231 Costume Construction 3
TPA 3221 Lighting Theory and Practice 3
TPA 3251 Drafting and CAD II 3
AND
THE 4266 Architecture and Decor 3
THE 4264 Costume History 3
TPA 4011 Design Studio I 3
TPA 4012 Design Studio II 3
TPA 4013 Design Studio III 3
TPA 3296 Design Practicum 2
TPA 4298 Advanced Design Practicum 3
TPA Electives 2
Advised Other Electives 8
45
Total Hours 129

Theatre Arts Concentration (BA Degree)

The Theatre Arts Concentration is intended for the student who in consultation with the Theatre Advisor wishes to construct his/her own degree program from a broad spectrum of theatre courses. In addition to courses in performance and design, areas of study available are Puppetry, Playwriting, Stage Management, Directing, Literature and Criticism.
General Education: 36
Language: 8-10
Exit courses: 9
Fine Arts (Non-Theatre): 6
Theatre core: 33

TPP Courses: 3
THE; TPA; TPP Courses 18
(9 must be at upper level)
Free Electives 5-7

Total Hours 120

Theatre Education Concentration (BA Degree)
This program is currently suspended with no admissions accepted. Contact the Theatre Advisor for recommendations on certification.
WELLNESS LEADERSHIP

COLLEGE: EDUCATION
SCHOOL: PHYSICAL EDUCATION, WELLNESS, AND SPORT STUDIES
DEGREE: BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK: WELLNESS LEADERSHIP

LIMITED ACCESS PROGRAM: YES-THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Program Director, Undergraduate Advising, Education, (813) 974-2458

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

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

Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Human Anatomy and Physiology I and lab 4
or
Human Anatomy and lab 4
Human Anatomy II and Physiology II and lab 4
or
Human Physiology and lab 4
College Algebra or higher 3
Statistics or Pre-Calculus 3
General Psychology 3
General Nutrition 3
Survey of Chemistry or higher 3
Survey of Chemistry or higher lab 1

Professional education courses taken at the community college will transfer as general electives.

• Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required. Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate.

Students must pass all sections of the CLAST within 1st semester after admission to the program.

• Requirements for the B.S. Degree
The two-year program is offered beginning in the junior year and includes mandatory attendance during the summer session between the junior and senior years.

Professional Education Core (for Wellness Tracks):
PET 2010 Personal/Professional Development Seminar 3
PET 3310 Kinesiology 3
PET 3351 Exercise Physiology I 3

Additional Courses Required For Wellness Leadership Track:
ADE 4384 Working with the Adult Learner 3
GEY 3601 Behavior Change in Later Life 3
HLP 4941 Wellness Internship 12
HUN 2201 Nutrition 3
PEM 2131 Weight Training 2
PEP 3940 Practicum in Health Promotion/Wellness 4
PEP 3951 Communications Skill for Wellness Leaders 3
PEQ 3170 Aquatic Exercise 2
PET 3080 Survey of Wellness Programs 3
PET 3931 Teaching Aerobic Dance/Exercise 1-3
PET 4404 Organization & Administration of Wellness Programs 3
PET 4353 Exercise Physiology II 3
PET 4384 Health Fitness Appraisal & Exercise Prescription 3
WOMEN’S STUDIES

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Arts and Sciences, (813) 974-2503
ST. PETERSBURG (Partial) / Advisor, Arts and Sciences, (813) 893-9507

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF (State Mandated Common Prerequisites)

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

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

Students are encouraged to take the following prerequisites, or major, support, or elective courses, if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Social Sciences
Liberal Arts

WST 3015 Intro to Women’s Studies
Courses to improve reading and writing skills

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

• Requirements for the Major in Women’s Studies

The major in Women’s Studies provides a well-rounded Liberal Arts education based on the best and most current scholarship on women in many disciplines. Its subject is not only the evolution of historical attitudes, ideologies, and practices concerning women but also an analysis of the current status of different classes, races and groups of women. Women's Studies offers excellent undergraduate preparation as well for (1) those who wish to apply to law school or to graduate study in a variety of fields, e.g., Urban or Medical Anthropology, Counselor Education, Criminal Justice, Gerontology, History, Rehabilitation Counseling, Social Work, Women's Studies; (2) those who want to focus on women in specific disciplines or professions; and (3) those whose training would benefit from a close scrutiny of the major issues facing women today.

Majors must complete 36 hours distributed as follows:
Required Core Courses (6 hours)
WST 3311 Issues in Feminism
WST 4935 Seminar in Women’s Studies

and at least 1 course from each of the following 6 areas of concentration (18 hours) and 12 hours of electives

MULTICULTURAL ISSUES
AFA 4335 Black Women in America
ANT 4302 Sex Roles in Cross Cultural Perspective
WST 4260 Research Issues on Women of Color
WST 2250 The Female Experience in America

HISTORY
AMH 3561 American Women I
AMH 3562 American Women II
WST 3210 Women in Western Civilization I
WST 3220 Women in Western Civilization II
WST 4310 Feminism in America

HUMANITIES
AMS 3370 Southern Women: Myth and Reality
REL 3145 Women and Religion
WST 4335 Women and Film
WST 4262 Literature by American Women of Color
WST 4410 Third World Women Writers

THEORY/PHILOSOPHY
WST 4522 Classics in Feminist Theory
PHI 4632 Feminist Ethics
PHM 5125 Topics in Feminist Philosophy
WST 5001 Feminist Research and Methodology
WST 5308 Feminist Spirituality

SCIENCE
SOP 3742 Psychology of Women
SYD 4800 Gender and Society
WST 2600 Human Sexual Behavior
WST 4320 Woman's Body/Woman's Mind
WST 4350 Women and Science

PUBLIC POLICY
PUP 4323 Women and Politics

The following courses, not included within the six areas of concentration, may be used to complete elective hours:
WST 3015 Introduction to Women’s Studies
WST 3360 Men and Sexism
WST 4900 Directed Readings
WST 4910 Directed Research
WST 4930 Selected Topics
WST 5934 Selected Topics
STA 3122 Social Science Statistics

Students electing to major in Women’s Studies should consult the Undergraduate Advisor for timely scheduling of classes.