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 1999-2000 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 Florida Board of Regents.

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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DIRECTORY AND CAMPUS RESOURCE AREAS

TAMPA CAMPUS: 4202 E. FOWLER AVENUE
TAMPA, FLORIDA 33620

RESOURCE AREAS

Academic Advising:
Arts and Sciences  (813) 974-2503
Business Administration  (813) 974-4290
Education  (813) 974-3390
Engineering  (813) 974-2684
Fine Arts  (813) 974-3660
Nursing  (813) 974-2191
Undecided  (813) 974-2645
Admissions, Office of  (813) 974-3350
Adult and Transfer Student Services  (813) 974-2191
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

For all services and information: (941) 667-7011

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

RESOURCE AREAS

Academic Advising (all programs)  (941) 359-4331
Admissions  (941) 359-4330
Financial Aid  (941) 359-4255
New College: Admissions  (941) 359-4269
Records and Registration  (941) 359-4230

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

RESOURCE AREAS

Academic Advising:
Arts and Sciences  (813) 893-9507
Business Administration  (813) 893-9542
Education  (813) 893-9533
Admissions  (813) 893-9142
Financial Aid  (813) 893-9108
Project Thrust  (813) 893-9108
Records and Registration  (813) 893-9143
ADMISSIONS AND TRANSFER INFORMATION

ADMISSION APPLICATION DEADLINES

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<td>SPRING SEMESTER, 2000</td>
<td>OCTOBER 18</td>
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<td>APRIL 3</td>
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(International applicants must apply at least two months earlier than deadlines above)

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.

3) When AS degree programs are articulated with BA or BS programs, either on a statewide or institutional basis, specific AS courses will be specified as acceptable toward the articulated baccalaureate degree. 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 programs are limited access:

College of Business (all majors)  Mass Communications
College of Engineering (all majors)  Mathematics (Accelerated BA/MA)
College of Nursing (all majors)  New College (Liberal Studies)
Liberal Studies  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

In accord with State University System policy, students are required to present documented proof of immunity to measles and rubella prior to registration for courses. All students under 40 years of age must submit proof of immunity to rubella. In addition, all students born after December 31, 1956 must submit proof of immunity to measles. As of Fall, 1990, two doses of measles immunizations are now required. Immunization/health history cards are enclosed with all Official Acceptance Letters to facilitate completion of this requirement. Additional copies of the card as well as answers to questions about this requirement may be secured from USF Student Health Services. Completed cards should be returned to Student Health Services well in advance of the scheduled Orientation dates. Students may contact the Health Services Office at (813) 974-2331.

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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<td>Quantitative Methods</td>
<td>6</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>6</td>
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<tr>
<td>Social Sciences</td>
<td>6</td>
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<td>Historical Perspectives</td>
<td>6</td>
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<tr>
<td>Fine Arts</td>
<td>3</td>
</tr>
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<td>African, Latin American, Middle Eastern or Asian Perspectives</td>
<td>3</td>
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<tr>
<td></td>
<td>36</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Exit Requirements</th>
<th>Semester Hours</th>
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</thead>
<tbody>
<tr>
<td>Major Works and Major Issues</td>
<td>6</td>
</tr>
<tr>
<td>Literature and Writing</td>
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<td>9</td>
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</table>

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

Academic Advising (for Undeclared and Undecided Students)
Academic Advising, SVC 2011
http://webasa.admin.usf.edu/advising/adv.htm
974-2945

Academic Advising (for upperclassmen)
Arts & Sciences, SOC 102
http://www.cas.usf.edu/
974-2503
Business Administration, BSN 1406
http://www.cba.usf.edu/
974-4290
Education, EDU 309
http://www.coed.usf.edu/
974-2458
Engineering, ENG 104
http://www.eng.usf.edu/
974-2694
Fine Arts, FAH 120
http://www.marit.usf.edu/
974-3660
Nursing, MN 1004
http://www.med.usf.edu/PUBAFF/hscnursing1.html
974-6005
Pre-Medical, SCA 306
974-2674

Academic Services for Students with Disabilities
Coordinator, SVC 1133
http://webasa.admin.usf.edu/ads/ads.htm
(voice) 974-4309
(TDD) 974-5651

Adult and Transfer Student Services
Office of the Director, SVC 1001
http://www.rmit.usf.edu/enroll/atss/
974-6444

Applications and Admissions
Office of Admissions, SVC 1036
http://www.rmit.usf.edu/enroll/admiss/admiss.htm
bulleye@admin.usf.edu
New College
http://www.newcollege.usf.edu/
Office of Admissions (Sarasota)
359-4269

Athletics (Intercollegiate)
Director of Athletics, PED 214
974-2125
Bachelors of Independent Studies Program
External Degree Program, HHS 443
http://www.cas.usf.edu/bid/index.html
974-4558

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

Career Center
Cooperative Education Program, SVC 2098
974-2171
Career Job Search Assistance, SVC 2088
974-2171
http://www.career.usf.edu/

College Level Examination Program (CLEP tests)
Office of Evaluation and Testing Services, SVC 2054
http://evalbкат.admin.usf.edu/grads/leandbvalley.htm
974-2741

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

Continuing Education Courses and Conferences
Continuing Education, MGZ 144
974-2493
Division of Conferences and Institutes, MHH 1116
974-5731
English Language Institute, CPR 1107
974-3433
http://www.conted.usf.edu/

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

Educational Outreach
Office of the Dean, MHH 116
974-6575
http://www.outreach.usf.edu/

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

Graduate Studies
Office of the Dean, FAO 126
974-2846
http://www.grad.usf.edu/

Health Services (Student)
Health Center, SHS 101
974-2331
http://www.shs.usf.edu/

Housing: Campus Residence Halls
Office of Residence Life, RAR 229
974-2761
http://www.housing.usf.edu/

Housing: Off-Campus
Student Government Office, CTR 203
974-3749
http://pgl.usf.edu/sass/

International Student and Scholar Services
Office of the Advisor, CTR 259
974-5102

Library Resources
http://www.rmit.usf.edu/enroll/librarian/librarian.htm
http://www.newcollege.usf.edu/Library/
974-4058

Minority Student Advising
Center for Academic Advising, SVC 2124
974-2645
http://webasa.admin.usf.edu/advising/advising.htm

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

PACE
MGZ 144
http://www.conted.usf.edu/pace/pace.htm
974-3218

Parking and Traffic Services
Parking Services, UPB 002
974-3990
http://usfweb.usf.edu/parking_services/

Pre-Admission Advising for Prospective Freshman,
International, Mature, Minority, and Transfer Students
Office of Admissions, SVC 1036
974-3350
http://www.rmit.usf.edu/enroll/admiss/admiss.htm
bulleye@admin.usf.edu

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

Speakers Bureau
Media Relations and Publications, ADM 264
974-4014

Student Affairs
Office of the Vice President, ADM 151
974-2151

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

Tuition Waiver For Senior Citizens
Division of Lifelong Learning, MGZ 144
974-2403
http://www.conted.usf.edu/lll.htm

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

University Experience Program
Office of the Coordinator, SVC 101
974-4183
http://usfweb.usf.edu/experience/experience.htm

Veterans Services
Office of Veterans Services, SVC 2127
974-2291
http://usfweb.usf.edu/vetserv/
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 / Coordinator of Advising, Business Administration, (813) 974-4290
- LAKELAND / Advisor, Business Administration, (941) 667-7011
- SARASOTA / Advisor, Business Administration, (941) 359-4331
- ST. PETERSBURG / Advisor, Business Administration, (727) 545-1542

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 and 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 2.5 all-college grade point ratio, and completed the above courses with a 2.0 GPA, no grade lower than a "C" and a 2.0 GPA in all work attempted at USF, including any credit prior to salvage. Students meeting all other requirements and with a cumulative grade point average between 2.3 and 2.5 may apply to the College of Business, and will be considered on a case by case basis. Students working toward meeting the limited access criteria and who have completed 60 hours may be permitted to enroll in selected upper division courses.

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, and sufficient elective hours to reach a 120 hour total.

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:

- BUL 3320 Law and Business I (3)
- ECO 3100 Managerial Economics (3)
- FIN 3403 Principles of Finance (3)
- OMB 3200 Business and Economics Statistics II (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)
- ISM 3431 Management Science POM (3)
- GEB 4890 Business Policy (3)

Required Accounting Courses (Total 18 hours):

- 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)
- Plus 9 hours of approved accounting electives (9)

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.

Continued
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" 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.

A minimum of 66-69 hours of business courses and a minimum of 54 hours of non-business courses, including Calculus, speech communication, advanced writing, and one course covering contemporary international issues are required.

The objectives of the baccalaureate degree program in accountancy are to provide students with accounting and business knowledge that will serve as a basis for careers in industry, government, non-profit organizations and public accountancy.

The baccalaureate program also prepares students for entry into the Master of Accountancy (M.Acc.) professional degree program. The State of Florida, like most states, requires a fifth year of education in order to sit for the CPA examination. Any further questions concerning the CPA examination should be directed to the faculty of the School of Accountancy.
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 to 1865 (3)
  AMH 3572 African American History since 1865 (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
  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:

  Required Core Courses for all areas (15 cr. hours):
  AFA 2000 Introduction to the Black Experience In Africa & 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)

  Required Electives (select 21 cr. hours):
  African-American Studies (suggested)
  AFA 4331 Social Institutions and the African American Community (3)
  AFA 4335 Black Women in America (3)
  AFA 4931 Selected Topics (1-3)
  AML 3604 African American Literature (3)
  AMS 3700 Racism in American Society (3)
  ANT 4340 The Caribbean (3)
  HUM 2420 Arts and Music of the African People (3)
  PHM 4120 Major Black Thinkers (3)
  PUP 3313 Blacks in the American Political Process (3)

  African Studies (suggested)
  AFA 4150 Africa and the United States (3)
  AFA 4931 Selected Topics (1-3)
  AFS 2250 Culture and Society in Africa (3)
  AFS 3284 African Literature Survey (3)
  CPO 4204 Government and Politics of Africa (3)
  CPO 4244 Government and Politics of East, Central and Southern Africa (3)
  HUM 2420 Arts and Music of the African People (3)
  INR 4254 Africa in World Affairs (3)
  PHI 4073 African Philosophy (3)

  Africana Studies (suggested)
  AFA 4331 Social Institutions and the African American Community (3)
  AFA 4335 Black Women in America (3)
  AFA 4931 Selected Topics (1-3)
  AFS 2250 Culture and Society in Africa (3)
  AFS 3284 African Literature Survey (3)
  AML 3604 African American Literature (3)
  ANT 4340 The Caribbean (3)
  CPO 4204 Government and Politics of Africa (3)
  CPO 4244 Government and Politics of East, Central and Southern Africa (3)
  HUM 2420 Arts and Music of the African People (3)
  PHI 4073 African Philosophy (3)
  PHM 4120 Major Black Thinkers (3)
  PUP 3313 Blacks in the American Political Process (3)
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.

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.

- 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 American Studies
36 credit hours, including
AMS 2201 Colonial American Culture, or
AMS 2212 Nineteenth Century American Culture, or
AMS 2270 Twentieth Century American Culture (3)
AMS 2030 Introduction to American Studies (3)
One additional 3000 level period course (4)
One 3000 or 4000 level regions or genre course (3-4)
AMS 4804 Major Ideas in America (3)
AMS 4835 or AMS 4936 (4)
6 additional AMS credit hours
9-10 additional credit of supporting courses

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
  The major in Anthropology consists of a minimum of 33 credit hours. ANT 2000 is prerequisite to all subsequent courses. ANT 3100, ANT 2410, ANT 3511 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.

Required Core Courses (21 cr. hrs.)
- ANT 2000 Introduction to Anthropology (3)
- ANT 2410 Cultural Anthropology (3)
- ANT 2511 Biological Anthropology (3)
- ANT 3100 Archaeology (3)
- ANT 3610 Anthropological Linguistics (3)
- ANT 4034 Theories of Culture (3)
- ANT 4935 Rethinking Anthropology (3)

Majors are required to complete a minimum of 12 hours of 4000-level elective coursework, including courses from at least three of the four subfield areas shown below.

Archaeology
- ANT 4124 Archaeological Field Methods (4)
- ANT 4153 North American Archaeology (3)
- ANT 4158 Florida Archaeology (4)
- ANT 4162 South American Archaeology (3)
- ANT 4163 Mesoamerican Archaeology (3)
- ANT 4172 Historical Archaeology (3)
- ANT 4180 Laboratory Methods in Archaeology (4)
- ANT 4181 Museum Methods (4)

Physical Anthropology
- ANT 4520 Forensic Anthropology (3)
- ANT 4552 Evolutionary Biology of the Primates (3)
- ANT 4583 Prehistorical 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 4226 Anthropology of Art (3)
- ANT 4231 Folklore (3)
- ANT 4241 Magic and Religion (3)
- ANT 4302 Sex Roles in Cross Cultural Perspective (3)
- ANT 4305 Visual Anthropology (3)
- ANT 4312 North American Indians (3)
- ANT 4316 Ethnic Diversity in the U.S. (3)
- ANT 4324 Mexico and Central America (3)
- ANT 4340 The Caribbean (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 4705 Applied Anthropology (3)
- MUH4054 (See Advisor) (3)

Anthropology majors are urged to become competent readers and speakers of a relevant foreign language, to acquire communicative and quantitative skills appropriate to their interests, and to achieve at least a minimal level of computer literacy. Exceptions to course prerequisites require the consent of the instructor.
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 / 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.

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

The University is requesting permission to substitute other courses for some of these prerequisites. We will advise all community colleges if the requests are 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.

Art Studio B.A. Degree

I. Art Preparation (14 hours) (Requires a “C” or better in all courses taken to progress to courses numbered 3000 and up)
- ARH 2050 History of Visual Art I (3)
- ARH 2051 History of Visual Art II (3)
- ARH 3001 Introduction to Art (4)
- ART 2201C Fabrications (4)

II. Beginning Studio Workshops (12 hours)
- ART 2301C Beginning Drawing (3)
- ART 2400C Beginning Printmaking (3)
- ART 2510C Beginning Painting (3)
- ART 2710C Beginning Sculpture (3)
- ART 3110C Beginning Ceramics (3)
- ART 3222 Beginning Electronic Media (3)
- PGY 2401C Beginning Photography (3)

III. Advanced Studio Workshops (3 hours)
- ART 2111C Advanced Ceramics (3)
- ART 2520C Advanced Painting (3)
- ART 2702C Advanced Sculpture (3)
- ART 4223 Advanced Electronic Media (3)
- ART 4320C Advanced Drawing (3)
- ART 4402C Advanced Printmaking (3)
- PGY 2410C Advanced Photography (3)

IV. Theme Studios (6 hours)

V. Art History (12 hours)
- 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)

*ARH 4450 is required of all majors and should be taken simultaneously with the Advanced Studio Workshops and Theme Studios
**4 hours may be taken in critical studies seminars either ARH 4790 or ARH 4796

VI. Additional Requirements (6 hours)
- ART 4955 Senior Projects* (2-4)
- ART 3939 The Real World** (2)
- Expanded Contexts*** (2-4)

*Required of all majors
**Professional Practice. Required of all majors. Should be taken during the student’s junior year.
***Required of all majors (New York City Program, Paris Program, Public Art, Museum Internships, Community Art, Artists Internship/Apprenticeships)
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 Semester Hours for the B.A. degree in Art Studio:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td>36</td>
</tr>
<tr>
<td>Exit Requirements</td>
<td>9</td>
</tr>
<tr>
<td>Free Electives</td>
<td>16</td>
</tr>
<tr>
<td>(Max. 6 hours ART)</td>
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</tr>
<tr>
<td>Special Requirements</td>
<td>6</td>
</tr>
<tr>
<td>Total Art Studio Hours</td>
<td>53</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>120</td>
</tr>
</tbody>
</table>

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

- **Art History B.A. Degree**
  
  I. Art Preparation (14 hours) (Requires a “C” or better in all courses taken to progress to courses numbered 3000 and up)
  
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 2050</td>
<td>History of Visual Art I</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2051</td>
<td>History of Visual Art II</td>
<td>3</td>
</tr>
<tr>
<td>ARH 3001</td>
<td>Introduction to Art</td>
<td>4</td>
</tr>
<tr>
<td>ART 2201C</td>
<td>Fabrications</td>
<td></td>
</tr>
</tbody>
</table>

  II. Art History Required Courses (8 hours)
  
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 4450</td>
<td>20th Century</td>
<td>4</td>
</tr>
<tr>
<td>ARH 4537</td>
<td>Seminar in the History of Art History</td>
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</tbody>
</table>

  III. Art History Survey (12 hours)
  
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 4100</td>
<td>Prehistoric &amp; Ancient</td>
<td>4</td>
</tr>
<tr>
<td>ARH 4170</td>
<td>Greek &amp; Roman</td>
<td>4</td>
</tr>
<tr>
<td>ARH 4200</td>
<td>Medieval</td>
<td>4</td>
</tr>
<tr>
<td>ARH 4301</td>
<td>Renaissance</td>
<td>4</td>
</tr>
<tr>
<td>ARH 4350</td>
<td>Baroque and Rococo</td>
<td>4</td>
</tr>
<tr>
<td>ARH 4430</td>
<td>19th Century</td>
<td>4</td>
</tr>
<tr>
<td>ARH 4450</td>
<td>20th Century</td>
<td>4</td>
</tr>
<tr>
<td>ARH 4520</td>
<td>African</td>
<td>4</td>
</tr>
<tr>
<td>ARH 4530</td>
<td>Oriental</td>
<td>4</td>
</tr>
</tbody>
</table>

  *ARH 4450, 20th Century is required of all art history majors.

  IV. Art History Critical Studies (12 hours)
  
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 4796</td>
<td>Critical Studies in Art History</td>
<td>4</td>
</tr>
</tbody>
</table>

  V. Plus (2 hours)
  
  Expanded Contexts: required of all majors
  
  (New York City Program, Paris Program, Public Art, Museum Internships, Community Art, Artists Internship/Apprenticeships)

  VI. Recommendations

  Students are encouraged to take additional credits in Art History critical studies courses and Art History survey courses. The courses offered in Photo History and Film and the Avant Garde are recommended to Art History majors as courses to be used to complete Art History electives.

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

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td>36</td>
</tr>
<tr>
<td>Exit Requirements</td>
<td>9</td>
</tr>
<tr>
<td>Free Electives</td>
<td>21</td>
</tr>
<tr>
<td>(Max. 10 hours ART)</td>
<td></td>
</tr>
<tr>
<td>Special Requirements</td>
<td>6</td>
</tr>
<tr>
<td>Total Art History Hours</td>
<td>48</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>120</td>
</tr>
</tbody>
</table>

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

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

LIMITED ACCESS PROGRAM: NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Program Director, Undergraduate Advising, Education, (813) 974-3390

- 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 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.

  EDF 1005 Introduction to Education
  EDG 2701 Teaching Diverse Populations
  EME 2040 Introduction to Educational Technology
  or
  ART 3222 Electronic Media (See Advisor)
  (Equivalent course or demonstrated competency may be substituted)

  If students are coming to the University from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

  ART 1300/1301 Drawing I and Drawing II
  ART X205/X206 Color Fundamentals, 6 semester hours
  ARH 2050/2051 Art History Survey I and Art History Survey II

  Plus two of the following courses:

  ART X510 Painting
  ART X400 Printmaking
  ART X100 Crafts

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

- 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 B.S. Degree

  The Art Education curriculum is designed to serve students who wish to develop their artistic competence and have a commitment to help develop a similar artistic potential in other people. Art Education majors may specialize in one area of the Art Department or become generalists by taking various studio classes.

  Professional Education Core (36-45 credit hours)*

  EDF 3122 Learning and the Developing Child (4)
  (For Elementary or Early Childhood Majors)
  or
  EDF 3214 Human Development and Learning (3)
  (for all other programs)
  EDF 3604 Social Foundations of Education (3)
  or
  EDF 3542 Philosophy of Education (4)

  EDG 4620 Curriculum and Instruction (3)
  EDF 4430 Measurement for Teachers (3)
  EEX 4070 Exceptional Student Ed (2)
  (Methods Course(s) (4-9)
  Internship and Seminar (10-12)
  Reading Requirement (2-3)

  *Students should see their advisors upon admittance to the College of Education for specific core requirements for their majors.

  Art Education (15 credit hours)

  ARE 3944 Experiential Basis of the Artistic Mind (3)
  ARE 3354 Art Teaching Strategies I (3)
  ARE 4440 Art Teaching Strategies II (3)
  ARE 4443 Crafts Workshop Art Education (3)
  ARE 4642 Urban Environment Arts Workshop (3)

  In these courses students will have the opportunity to work at the elementary school and high school levels.

  Specialization (36 cr. hours)

  ART 2400C Beginning Printmaking (3)
  ART 2510C Beginning Painting (3)
  ART 2701C Beginning Sculpture (3)
  ART 3110C Beginning Ceramics (3)
  ART 4402C Advanced Printmaking (or See Advisor) (3)
  ARH 4450 Twentieth Century Art (4)

  Art Studio Electives approved by adviser
  Art History Elective
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)

Department of Biology Courses - minimum 40 credit hours

- BSC 2010 Biology I - Cellular Processes (3)
- BSC 2010L Biology I - Cellular Processes Laboratory (1)
- BSC 2011 Biology II - Diversity (3)
- BSC 2011L Biology II - Diversity Laboratory (1)
- PCB 3023 Cell Biology (3)
- PCB 3043 Principles of Ecology (3)
- PCB 3063 General Genetics (3)

ONE of the following:
- PCB 3023L Cell Biology Laboratory (1)
- PCB 3043L Ecology Laboratory (1)
- PCB 3063L Genetics Laboratory (1)

ONE of the following (with laboratory):
- BOT 3373 Vascular Plants: Form and Function (4)
- MCB 3030C General Microbiology (4)
- ZOO 3205 Invertebrate Zoology (3)
- ZOO 3323 Comparative Vertebrate Anatomy (4)
- ZOO 4603C Animal Embryology (4)
- ZOO 4753C Histology (4)

ONE of the following (with laboratory):
- BOT 4503 Plant Physiology (4)
- MCB 4404 Microbial Physiology and Genetics (5)
- PCB 4723 Animal Physiology (4)

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. A maximum of four (4) credit hours of Undergraduate Research (BSC 4910) or Biology Honors Thesis (BSC 4970) may be applied. A minimum of 20 hours of Biology courses must be taken in residency and be applicable to the major.
BUSINESS 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

- 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 1005 Introduction to Education
  EDG 2701 Teaching Diverse Populations
  EME 2040 Introduction to Educational Technology
(Equivalent course or demonstrated competency may be substituted)

  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.

  ACG X001 Financial and Managerial Accounting I
  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

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

  - 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 (840 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 (25-29 credit hours)
  EDF 3214 Human Development and Learning (3)
  EDF 3604 Social Foundations of Education (3)
  or
  EDF 3542 Philosophy of Education (4)
  EDG 4620 Curriculum and Instruction (3)
  EDF 4430 Measurement for Teachers (3)
  EEX 4070 Exceptional Student Ed (2)
  Internship and Seminar (10-12)
  ESOL Course (1-3)

  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 or ENC 3213 Professional Writing (3)
  EVT 4551* Equity in the Schools and Workplace (3)
  FIN 3100 Personal Finance (3)
  MAN 3025 Principles of Management (3)
  Business Elective (3)
  Word Processing (3)

*Approved Liberal Arts Exit Requirement
CHEMICAL ENGINEERING

COLLEGE : ENGINEERING
SCHOOL : NONE
DEGREE : BACHELOR OF SCIENCE IN CHEMICAL 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) 974-2884
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)
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 have 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 following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Math

USF C/C
MAC 2281 MAC 2311 Engineering Calculus I (3)
MAC 2282 MAC 2312 Engineering Calculus II (3)
MAC 2283 MAC 2313 Engineering Calculus III (3)
MAP 2302 MAP 2302 Differential Equations (3)

Chemistry

USF C/C
CHM 2045 CHM 1045 General Chemistry I (3)
CHM 2045L CHM 1045L General Chemistry I Laboratory (1)
CHM 2046 CHM 1046 General Chemistry II (3)
CHM 2046L CHM 1046L General Chemistry II Laboratory (1)

Physics

USF C/C
PHY 2048 PHY 2048 General Physics (3)
PHY 2048L PHY 2048L General Physics Laboratory (1)
PHY 2049 PHY 2049 General Physics (3)
PHY 2049L PHY 2049L General Physics Laboratory (1)

Fortran

USF C/C
EGN2210 COP 2202 Computer Tools for Engineers (3)

• Admission Requirements to the University Program of Study
This is a limited access program involving special admissions requirements. 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
Students should complete and submit an Engineering Admissions Application to the College of Engineering Advising Office. Freshmen and Sophomores must submit copies of high school transcripts, SAT and ACT test scores to the College of Engineering, Advising Office. This is in addition to requests made by the University’s Admissions Office. Transfer applicants must furnish transcripts from previously attended institutions to the College of Engineering, Advising Office. This is in addition to transcripts sent to the University’s Admissions Office. Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL scores must be 550. Credentials must be received in the Engineering Advising Office 30 days prior to the date of applicable term. Failure to comply will result in the application being denied by the College of Engineering. Credentials will be held for one year. If application is not updated within that year, credentials must be re-submitted.

Engineering Admissions Requirements
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.

• Bachelor’s Curriculum - Chemical Engineering
This program is under revision. Courses indicated with XXXX rather than course numbers will be submitted for approval during 1998-99. See your academic advisor for additional information.

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 4412 Physical Chemistry III (3)
ECH 3023 Introduction to Process Engineering (3)
ECH 3284C Transport Processes I (3)
ECH 4123C Phase & Chemical Equilibria (3)
ECH 4244L Chemical Engineering Lab II (2)
ECH 4285C Transport Processes II (3)
ECH 4432C Automatic Controls I (3)
ECH 4441C Reacting Systems (3)
ECH 4615C Plant Design and Optimization (3)
ECH XXX Chemical Engineering Calculus (3)
ECH XXX Chemical Engineering Calculus Lab (1)
ECH XXX Chemical Engineering Lab I (1)
ECH XXX Chemical Engineering Lab II (1)
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<td>Computer Tools for Engineers</td>
<td>(3)</td>
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*ALAMEA Perspective Elective (3)
Fine Arts Elective (3)
*Historical Perspectives Electives (6)
*Social Science Electives (6)
Major Works/Major Issues (Non-engineering) (3)
Technical Electives (9)
**Chemistry Elective (5)

*Approved General Education Requirements
**Not from Chem 2XXX, 3400, 3401, 3402, 4070, 4905, 4932, 4970
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 2045/2045L General Chemistry I (with lab) or CHM 1040&1041, or 1045C, or 1045E
- CHM 2046/2046L General Chemistry II or CHM 1046C, or 1046E
- MAC 2311 Calculus I
- MAC 2312 Calculus II
- CHM 2210/2210L Organic Chemistry I (with lab) or CHM 2210C
- CHM 2211/2211L Organic Chemistry II (with lab) or CHM 2211C
- PHY 2048/2048L General Physics I with Lab or PHY 2048C, or PHY 2053C
- PHY 2049/2049L General Physics II with 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
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.

Required Chemistry Courses (33 cr. hrs.)

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)
CHM 2210 General Chemistry I Laboratory (2)
CHM 2211 General Chemistry II Laboratory (2)

Required Chemistry Electives (6 cr. hrs.)

3000 level or above; may include not more than 1 hr. of CHM 4970 Undergraduate Research.

Required Supporting Courses (14-16 cr. hrs.)

MAC 2311 Calculus I (4)
MAC 2312 Calculus II (4)
MAC 2281 Engineering Calculus I (3)
MAC 2282 Engineering Calculus II (3)
PHY 2053 General Physics (3)
PHY 2053L General Physics Laboratory (1)
PHY 2054 General Physics (3)
PHY 2054L General Physics Laboratory (1)

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

• BS in Chemistry
The Bachelor of Science in Chemistry is a rigorous program which 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.

Required Chemistry Courses (50 cr. hrs.)

BCH 3023 Introductory Biochemistry (3)
BCH 3023L Basic Biochemistry Lab (2)
CHM 2045 General Chemistry I (3)
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<td>CHM 2046</td>
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<td>CHM 2210</td>
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<td>CHM 3120C</td>
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<td>CHM 3610</td>
<td>Intermediate Inorganic Chemistry I</td>
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<td>Methods of Chemical Investigation I</td>
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<td>CHM 4131C</td>
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<td>CHM 4410</td>
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<td>CHM 4412</td>
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<td>CHM 4611</td>
<td>Advanced Inorganic Chemistry</td>
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**Required Supporting Courses (20-23 cr. hrs.)**

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A natural science or engin. elective  

(3-6)
CIVIL ENGINEERING

COLLEGE : ENGINEERING
SCHOOL : NONE
DEGREE : BACHELOR OF SCIENCE IN CIVIL 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
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)
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 have 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 following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

**Math**
- MAC 2281 MAC 2311 Engineering Calculus I (3)
- MAC 2282 MAC 2312 Engineering Calculus II (3)
- MAC 2283 MAC 2313 Engineering Calculus III (3)
- MAP 2302 MAP 2302 Differential Equations (3)

**Chemistry**
- CHM 2045 CHM 1045 General Chemistry I (3)
- CHM 2045L CHM 1045L General Chemistry I Laboratory (1)
- CHM 2046 CHM 1046 General Chemistry II (3)
- CHM 2046L CHM 1046L General Chemistry II Laboratory (1)

**Physics**
- PHY 2048 PHY 2048 General Physics (3)
- PHY 2048L PHY 2048L General Physics Laboratory (1)
- PHY 2049 PHY 2049 General Physics (3)
- PHY 2049L PHY 2049L General Physics Laboratory (1)

**Graphics**
- EGS 1113 EGS 1111 Introduction to Design Graphics (3)

**Fortran**
- EGN 2210 COP 2202 Computer Tools for Engineers (3)

Admission Requirements to the University Program of Study
This is a limited access program involving special admissions requirements. 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
Students should complete and submit an Engineering Admissions Application to the College of Engineering Advising Office. Freshmen and Sophomores must submit copies of high school transcripts, SAT and ACT test scores to the College of Engineering, Advising Office. This is in addition to records required by the University’s Admissions Office. Transfer applicants must furnish transcripts from previously attended institutions to the College of Engineering, Advising Office. This is in addition to transcripts sent to the University’s Admissions Office. Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL scores must be 550. Credentials must be received in the Engineering Advising Office 30 days prior to the date of applicable term. Failure to comply will result in the application being denied by the College of Engineering. Credentials will be held for one year. If application is not updated within that year, credentials must be re-submitted.

Engineering Admissions Requirements
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.

Bachelor’s Curricula - Civil Engineering Option
- CEG 4011 Soil Mechanics (3)
- CEG 4011L Geotech Lab (1)
- CES 3102 Structures (3)
- CES 4605 Concepts of Steel Design (3)
- CES 4702 Concepts of Concrete Design (3)
- CGN 3021L C.E. Lab (2)
- *CGN 4122 Professional & Ethical Issues (MW/MI) (3)
- CHM 2045 General Chemistry I (3)
- CHM 2045L Gen. Chemistry I Lab (1)
- CHM 2046 General Chemistry II (3)
- CWR 4202 Hydraulics (3)
- EGN 3000 Foundations of Engineering (1)
- EGN 3000L Foundations of Engineering Lab (2)
- EGN 3311 Statics (3)
- EGN 3321 Dynamics (3)
- EGN 3331 Mechanics of Materials (3)
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<td>EGN 2210</td>
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<td>GLY 3850</td>
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<td>C.E. Concentration Requirements</td>
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<td>C.E. Capstone Design Requirement</td>
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<td>*ALAMEA Perspective Elective</td>
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<td>*Fine Arts Elective</td>
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<td>*Historical Perspectives Elective</td>
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<td>*Social Science Electives</td>
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<tr>
<td></td>
<td>*MW/MI</td>
<td>3</td>
</tr>
</tbody>
</table>

*Approved General Education Requirements

**Civil Engineering Concentration Requirements**
(A student must complete a minimum of 9 hours, with at least 2 courses from one group.)

**Water Resources**
- ENV 4502 Environmental Unit Operations (3)
- ENV 4101 Air Pollution Control (3)
- CWR 4103 Water Resources Engineering (3)
- SWR 2101 Land Surveying (3)

**Geotechnical/Transportation**
- CEG 4012 Soil Mechanics II (3)
- TTE 4005 Transportation Engineering II (3)
- CGN 4851 Cement and Concrete Design (3)
- CES 4141 Matrix Structural Analysis (3)
- ENV 4101 Air Pollution Control (3)

**Materials**
- EGN 4366 Materials Engineering II (3)
- EMA 4324 Corrosion of Engineering Materials (3)
- CGN 4851 Cement and Concrete Design (3)

**Structural**
- CES 4141 Matrix Structural Analysis (3)
- CES 4820 Timber & Masonry Design (3)
- CES 4561 Computer Aided Structural Design (3)
- CGN 4851 Concrete Construction Materials (3)
- EMA 4324 Corrosion of Engineering Materials (3)
- **CES 4720 Capstone Structural/Materials Design** (3)
- **CES 4740 Capstone Structural/Geotechnical Design** (3)

**If not used to satisfy Capstone Design requirements**

**Civil Engineering Capstone Design Requirements**
A student must complete the capstone design course in his/her area of concentration.

**Water Resources**
- CWR 4812 Capstone Water Resources Design (3)

**Geotechnical/Transportation**
- CEG 4850 Capstone Geotechnical/Transportation Design (3)

**Materials**
- CES 4720 Capstone Structural/Material Design (3)

**Structural**
- CES 4740 Capstone Structural/Geotechnical Design (3)
## CIVIL ENGINEERING

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

**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  
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)

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

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>C/C</th>
<th>Description</th>
<th>Credits</th>
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<td><strong>Math</strong></td>
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<td>MAC 2283</td>
<td>MAC 2313</td>
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<td>Differential Equations</td>
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<td>CHM 1045L</td>
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<td>CHM 2046</td>
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<td><strong>Graphics</strong></td>
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<td><strong>Fortran</strong></td>
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### Admission Requirements to the University Program of Study

This is a limited access program involving special admissions requirements. 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

Students should complete and submit an Engineering Admissions Application to the College of Engineering Advising Office. Freshmen and Sophomores must submit copies of high school transcripts, SAT and ACT test scores to the College of Engineering, Advising Office. This is in addition to records requested by the University’s Admissions Office. Transfer applicants must furnish transcripts from previously attended institutions to the College of Engineering, Advising Office. This is in addition to transcripts sent to the University’s Admissions Office. Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL scores must be 550. Credentials must be received in the Engineering Advising Office 30 days prior to the date of applicable term. Failure to comply will result in the application being denied by the College of Engineering. Credentials will be held for one year. If application is not updated within that year, credentials must be re-submitted.

### Engineering Admissions Requirements

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.

### Environmental Engineering Concentration Within Civil Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
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<tbody>
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<td>CEG4011L</td>
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<tr>
<td>CES3102</td>
<td>Structures</td>
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<tr>
<td>CES4606</td>
<td>Concepts of Structural Design</td>
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<td>CES4742</td>
<td>Concepts of Structural Design</td>
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<td>CGN4122C</td>
<td>Professional/Ethical Issues in Engineering</td>
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<td>CHM2045</td>
<td>General Chemistry I</td>
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<td>CHM2200</td>
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<td>CWR4202</td>
<td>Hydraulics</td>
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<td>Introduction to Process Engineering</td>
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<td>Computer Tools for Engineers</td>
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<td>EGN3321</td>
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<td>EGN 3343</td>
<td>Thermodynamics I</td>
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<td>EGN 3353C</td>
<td>Basic Fluid Mechanics</td>
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<td>EGN 3365L</td>
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<td>EGN 3373</td>
<td>Introduction to Electrical Systems I</td>
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<td>EGN 3443</td>
<td>Engineering Statistics I</td>
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<td>EGN 3613</td>
<td>Engineering Economy</td>
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<td>EGS 1113</td>
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<td>ENC 1101</td>
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<td>ENC 1102</td>
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<td>ENV 3001</td>
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<td>ENV 4101</td>
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<td>Environmental Unit Operation</td>
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<td>TTE 4004</td>
<td>Transportation</td>
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*ALAMEA Perspectives Elective (3)
*Fine Arts Elective (3)
*Historical Perspectives Electives (6)
*Social Science Electives (6)
*MW/MI (3)

*Approved General Education Requirements
### Classics

**College:** Arts and Sciences  
**School:** None  
**Degree:** Bachelor of Arts  
**Options/Tracks:** 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 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. 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.

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENC 1101 English I</td>
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<tr>
<td>ENC 1102 English II</td>
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<td>EUH 2011 Ancient History I</td>
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<td>EUH 2012 Ancient History II</td>
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<tr>
<td>Beginning and Intermediate Basic Preparation for Major (LAT 1120, 1121, or GRE 1120, 1121)</td>
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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 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 any combination of courses offered in Latin (LAT and LNW) and in Greek (GRE and GRW). The remaining 6 courses are to be chosen from a list of approved courses with the advice of the Classics advisor.
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)
Students must complete SPC 2600, Public Speaking, before being admitted 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.

- 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
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. The requirements for the Communication major are:

I. Prerequisites (3 hours)
This course is a prerequisite for declaring the communication major.
SPC2600 Public Speaking (3)

II. 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.
COM2000 Introduction to Communication (3)
ORI2000 Introduction to Communication as Performance (3)
SPC3301 Interpersonal Communication (3)
SPC2541 Persuasion (3)

III. Area of Concentration (9 hours)
Students must take a minimum of nine hours in one of the three areas of concentration.

Performance Communication
ORI3950 Communication as Performance Lab (1-3)
ORI4120 Performance of Poetry (3)
ORI4310 Group Performance of Literature (3)
ORI4931 Performance and Video (3)
SPC4201 Oral Tradition (3)

Interpersonal and Organizational Communication
COM314 Communication, Gender and Identity (3)
COM3120 Introduction to Communication Theory in Organizations (3)
COM4200 Communicating Illness, Grief, and Loss-6A (3)
COM4124 Communication and Organizational Change (3)
COM4710 Writing Lives (3)
COM4942 Communication Intern Seminar (3)
SPC3212 Communication Theory (3)
SPC3425 Group Communication (3)
SPC4431 Family Communication (3)
SPC4310 Relationships on Film (3)

Public and Cultural Communication
COM4030 Women and Communication (3)
SPC3230 Rhetorical Theory (3)
SPC3513 Argumentation and Debate (3)
SPC3631 Rhetoric of the Sixties (3)
SPC3653Popular Forms of Public Communication (3)
SPC3680 Rhetorical Analysis (3)
SPC3710 Communication and Cultural Diversity (3)
SPC4305 Communicating Emotions 6A (3)
SPC4632 Rhetoric of Social Change (3)
SPC4680 History and Criticism of Public Address (3)
SPC4683 Rhetorical Analysis of Mass Media (3)
SPC4714 Communication, Culture and Community (3)

IV. 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.”

Continued
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.
COMPUTER ENGINEERING

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

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
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)
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. If a student wishes to transfer without an A.A. degree and have 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 following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:
Math

<table>
<thead>
<tr>
<th>USF C/C</th>
<th>MAC 2281</th>
<th>MAC 2311</th>
<th>Engineering Calculus I (3)</th>
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<td>MAC 2313</td>
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<td>MAP 2302</td>
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<td>Differential Equations (3)</td>
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Chemistry

<table>
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Physics

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Fortra

<table>
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• Admission Requirements to the University Program of Study
This is a limited access program involving special admissions requirements. 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
Students should complete and submit an Engineering Admissions Application to the College of Engineering Advising Office. Freshmen and Sophomores must submit copies of high school transcripts, SAT and ACT test scores to the College of Engineering, Advising Office. This is in addition to requests recorded by the University’s Admissions Office. Transfer applicants must furnish transcripts from previously attended institutions to the College of Engineering, Advising Office. This is in addition to transcripts sent to the University’s Admissions Office. Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL scores must be 550. Credentials must be received in the Engineering Advising Office 30 days prior to the date of applicable term. Failure to comply will result in the application being denied by the College of Engineering. Credentials will be held for one year. If application is not updated within that year, credentials must be re-submitted.

Engineering Admissions Requirements
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.

• Bachelor of Science in Computer Engineering Curriculum
This program is under revision. Courses indicated with XXXX rather than course numbers will be submitted for approval during 1998-99. See your academic advisor for additional information.

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*ALAMEA Perspective Elective (3)
*Fine Arts Elective (3)
*Historical Perspectives Electives (6)
*Social Science Electives (6)
*MWM (3)

*Approved General Education Requirements
## COMPUTER SCIENCE

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

**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  
- 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)

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 have 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.

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

**Math**

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- Admission Requirements to the University Program of Study

This is a limited access program involving special admissions requirements. 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**

Students should complete and submit an Engineering Admissions Application to the College of Engineering Advising Office. Freshmen and Sophomores must submit copies of high school transcripts, SAT and ACT test scores to the College of Engineering, Advising Office. This is in addition to records requested by the University’s Admissions Office. Transfer applicants must furnish transcripts from previously attended institutions to the College of Engineering, Advising Office. This is in addition to transcripts sent to the University’s Admissions Office. Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL scores must be 550. Credentials must be received in the Engineering Advising Office 30 days prior to the date of applicable term. Failure to comply will result in the application being denied by the College of Engineering. Credentials will be held for one year. If application is not updated within that year, credentials must be re-submitted.

**Engineering Admissions Requirements**

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.

- Bachelor of Science in Computer Science Curriculum

This program is under revision. Courses indicated with XXXX rather than course numbers will be submitted for approval during 1998-99. See your academic advisor for additional information.

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*Approved General Education Requirements
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, (841) 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.

Students are encouraged to take the community college Criminology or Criminal Justice programs. Because courses in these programs will not substitute for the USF major requirements listed below, these students should be aware of and look forward to revisiting many of the content areas at the junior and senior levels at USF.

Suggested Electives:
- ACG 2001 Accounting I (3)
- ACG 2011 Accounting II (3)
- AFA 2001 Introduction to the Black Experience (3)
- POS 1001 Introduction to Political Science (3)
- POS 2041 American National Government (3)
- POS 2112 State and Local Government (3)
- PSY 2012 Introduction to Psychology (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. This is a non-limited access program with the above courses recommended.

• Requirements for the Major in Criminology:

A minimum of 42 semester hours is required of all undergraduate majors in Criminology including the following courses:
- CCJ 3024 Survey of the Criminal Justice System* (3)
- CCJ 3204 Substantive Criminal Law (3)
- CCJ 3610 Theories of Criminal Behavior* (3)
- CCJ 3701 Research Methods in Criminal Justice I** (3)
- CCJ 4110 American Law Enforcement System (3)
- CCJ 4273 Criminal Rights and Procedures (3)
- CCJ 4306 American Correctional Systems (3)
- CCJ 4501 Juvenile Justice System (3)
- CCJ 4934 Seminar in Criminology (3)

* These are gateway courses and must 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.

The student may wish to select and complete the course suggestions from within one of the three areas of concentration described below to fulfill the 15 hours of electives within the major.

Law Enforcement:
- CJT 4100 Criminal Investigation (3)
- CCJ 4450 Criminal Justice Administration, or
- CCJ 4109 Critical Issues in Policing (3)
- CCJ 4511 Police and Juvenile Delinquency (3)
- CCJ 4940 Internship For Criminal Justice Majors (3)

plus 3 hours of electives.

Corrections:
- CCJ 4316 Correctional Administration (3)
- CCJ 4331 Alternatives to Incarceration (3)
- CCJ 4341 Intervention Techniques and Strategies. or
- CCJ 4540 Juvenile Correctional Alternatives (3)
- CCJ 4940 Internship For Criminal Justice Majors (3)

plus 3 hours of electives.

Juvenile Justice:
- CCJ 4513 Juveniles' Rights and Procedures (3)
- CCJ 4511 Police and Juvenile Delinquency, or
- CCJ 4540 Juvenile Correctional Alternatives (3)
- CCJ 4652 Juvenile Substance Abuse (3)
- CCJ 4940 Internship For Criminal Justice Majors (3)

plus 3 hours of electives.

Note: No more than five (5) hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major.
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.

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 FINE ARTS, BACHELOR OF ARTS
OPTIONS/TRACKS : PERFORMANCE, 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)

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.

- DAN 3614 Music for Dance I or DAN 3615 Music for Dance II
- TPA 2200 Theatrecrafts: Stagecraft, or TPA 2223 Theatrecrafts: Lighting or TPA 2200 Theatrecrafts: Costume
- DAA X200-X209 Ballet Techniques, 9 semester hours
- DAA X105-X111 Modern Techniques, 9 semester hours

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.

Students are encouraged to complete the following required courses and/or electives (if available) during the program of study at the community college.

**Modern Concentration-Dance Required Courses:**
- Modern Dance Technique (12)
- Composition (Designing, Dance Movement, Choreography) (2)
- Basic Stage Lighting (2)
- Dance electives (e.g., jazz, ethnic presented for advisor's evaluation) (2)

**Ballet Concentration-Dance Required Courses:**
- Ballet Technique (12)
- Composition (Designing, Dance Movement, Choreography) (4)
- Basic Stage Lighting (2)
- Dance electives (e.g., jazz, ethnic presented for advisor's evaluation) (4)

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.

• 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.

**Modern Dance Focus**

**Studio Technique (28 semester hours):**
- DAA 3209 Ballet III (6)
- DAA 3109 Modern II (6)
- DAA 4111 Modern IV (8)
- DAA 3394 World Dance (2)

**Elective Dance Technique:**
- 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):**
- DAA 3614 Music for Dance I (2)
- DAA 3615 Music for Dance II (2)

Continued
### DAN 4404 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:** (9)

### Ballet Focus

**Studio Technique (30 semester hours)**

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**Elective Dance Technique:**

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<td>DAA 4694 Senior Choreographic Project</td>
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**Non-Dance Electives:** (7)

### 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.) would 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 the dance with his or her focused study.

**Studio Technique (20 semester hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAA 3108 Modern II</td>
<td>(6)</td>
</tr>
<tr>
<td>DAA 3208 Ballet II</td>
<td>(6)</td>
</tr>
<tr>
<td>DAA 3109 Modern III</td>
<td>(6)</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>DAA 3209 Ballet III</td>
<td>(6)</td>
</tr>
<tr>
<td>DAA 3394 World Dance</td>
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**Creative Studio Studies (13 semester hours)**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>DAA 3624 Dance Improvisation</td>
<td>(2)</td>
</tr>
<tr>
<td>DAA 3614 Choreography I</td>
<td>(2)</td>
</tr>
<tr>
<td>DAA 3615 Choreography II</td>
<td>(2)</td>
</tr>
<tr>
<td>DAA 4616 Choreography III</td>
<td>(2)</td>
</tr>
<tr>
<td>DAA 4617 Choreography IV</td>
<td>(2)</td>
</tr>
<tr>
<td>DAA 3480 Jr. Performance Project</td>
<td>(1)</td>
</tr>
<tr>
<td>DAA 3686 Performance</td>
<td>(1)</td>
</tr>
<tr>
<td>DAA 4906 Independent Research Project</td>
<td>(1)</td>
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</table>

**Dance Theory (23 semester hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>DAA 3108 Modern II</td>
<td>(6)</td>
</tr>
<tr>
<td>DAA 3208 Ballet II</td>
<td>(6)</td>
</tr>
<tr>
<td>TPA 2223 Theatrecrafts: Lighting</td>
<td>(3)</td>
</tr>
<tr>
<td>DAA 3614 Music for Dance</td>
<td>(2)</td>
</tr>
<tr>
<td>DAA 3615 Music for Dance II</td>
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</tr>
<tr>
<td>DAA 3714 Dance Kinesiology</td>
<td>(3)</td>
</tr>
<tr>
<td>DAA 4134 Dance History Through the 19th Century</td>
<td>(3)</td>
</tr>
<tr>
<td>DAA 4135 20th Century Dance History</td>
<td>(3)</td>
</tr>
<tr>
<td>DAA 4930 Selected Topics in Dance</td>
<td>(2)</td>
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<tr>
<td>DAA 4181 Dance Senior Seminar</td>
<td>(2)</td>
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</tbody>
</table>

**Focused Electives (15-17 semester hours)**
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.

- DAN 3614 Music for Dance I or DAN 3615 Music for Dance II
- TPA 2200 Theatre Crafts: Stagecraft or TPA 2223 Theatre Crafts: Costume
- DAA X200-X209 Ballet Techniques, 9 semester hours
- DAA X105-X111 Modern Techniques, 9 semester hours

Department of Education Professional Prerequisites

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

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 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 (4)
- 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 4617 Choreography IV (2)
- DAA 3480 Jr. Performance Project (1)
- DAA 3886 Performance (1)

Dance Theory (21 semester hours)

- DAA 3160 Entry Seminar (2)
- TPA 2223 Theatre Crafts: Lighting (3)
- DAN 3614 Music for Dance I (2)
- DAN 3615 Music for Dance II (2)
- 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)

Professional Preparation

- EDF 3122 Learning and the Developing Child (4)
- EDF 3214 Human Development and Learning (3)
- EDF 3604 Social Foundations of Education (3)
- EDF 3542 Philosophy of Education (4)
- EEX 4070 Integration of Exceptional Students in the Regular Classroom (2-3)
- EDF 4430 Measurement for Teachers (3)
- DAE 3430 Dance Pedagogy: Secondary Curriculum and Methods (3)
- DAE 4310 Dance Pedagogy: Pre-K and Elementary Methods (3)
- DAE 4940 Internship Dance Education (10)
- DAE 4936 Senior Seminar in Dance Education (2)
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.

EDF 1005/2005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

(Equivalent course or demonstrated competency may be substituted)

In addition to these three education courses, students must also take:
- a minimum of 9 hours in communications, including a speech course;
- a minimum of 9 hours in mathematics, excluding MAT 1033 and a computer course;
- a minimum of 9 hours in the natural and/or physical sciences, with a minimum of one associated lab;
- a minimum of 9 hours in the humanities; and
- a minimum of 9 hours in the social sciences, including a psychology or human growth and development course.

These courses may meet General Education Requirements as well as fulfill Prerequisites.
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.
Introduction/General Psychology and Sociology are recommended.

· Requirements for the B.S. Degree
Professional Education Core (33):
EDF 4111 Child Growth and Learning (3)
EEC 4940 Internship: Early Childhood (10)
EEC 4936 Senior Seminar (2)
EEC 4941 Field Experience I (3)
EEC 4942 Field Experience II (3)
EEC 4943 Field Experience III (3)
EDG 4909 Young Children With Special Needs (3)
EDG 4909 Assess., Eval., Reporting Progress (3)
EDG 4909 Teaching LEP Students K-12 (3)

Specialization (30):
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 4705 Language and Emerging Literacy (3)
HSC 3301 Health, Safety, Nutrition and Motor Skills for the Young Child (3)
RED 4310 Early Literacy Learning (3)
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.

  ECOX013 Economic Principles II (Macroeconomics) and
  ECOX023 Economic Principles I (Microeconomics)
  or
  ECOXXXX Any level economics course, 3 semester hours, and
  ECOXXXX Any level economics 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.

- 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 at least:

  ECO 2013 Economic Principles: Macroeconomics (3)
  ECO 2023 Economic Principles: Microeconomics (3)
  ECO 3101 Intermediate Price Theory (3)
  ECO 3203 Intermediate Income & Monetary Analysis (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. Either ECO 1000 (if taken before both ECO 2013 and ECO 2023) or QMB 2150 (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, ECO 3100 or ECO 3203 is a prerequisite. At least 9 of the 15 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 cannot expect 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 / Coordinator of Advising, Business Administration, (813) 974-4290
- LAKELAND (Partial) / Advisor, Business Administration, (941) 667-7011
- SARASOTA (Partial) / Advisor, Business Administration, (813) 359-4331
- ST. PETERSBURG (Partial) / Advisor, Business Administration, (813) 893-9542

• 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 and 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

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 2.5 all-college grade point ratio, and completed the above courses with a 2.0 GPA, no grade lower than a "C" and a 2.0 GPA on all work attempted at USF, including any credit prior to salvage. Students meeting all other requirements and with a cumulative grade point average between 2.3 and 2.5 may apply to the College of Business, and will be considered on a case by case basis. Students working toward meeting the limited access criteria and who have completed 60 hours may be permitted to enroll in selected upper division courses.

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:

- BUL 3320 Law and Business I (3)
- ECO 3100 Managerial Economics (3)
- FIN 3403 Principles of Finance (3)
- QMB 3200 Business and Economics Statistics II (3)
- MAN 3025 Principles of Management (3)
- MKT 3023 Basic Marketing (3)
- ISM 3431 Management Science POM (3)
- GEB 4890 Business Policy (3)

Students must complete a minimum of 18 hours of upper-level economics beyond the business core requirements. Students must obtain a grade of "C" or higher in ECO 3100 Managerial Economics or ECO 3101 Intermediate Price Theory, in order to enroll in any course for which ECO 3100, ECO3101 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.

Required Economics Courses:
- ECO 3203 Intermediate Income and Monetary Analysis (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.

Sufficient additional business courses outside the student's major are required for a minimum total of 60 hours of business courses. A minimum of 54 hours of non-business courses, including calculus, speech communication, and advanced writing are required. The remaining electives for the 120-hour graduation requirement may be taken in business or non-business areas, but must include one course covering contemporary international issues.
ELECTRICAL ENGINEERING

COLLEGE : ENGINEERING
SCHOOL : NONE
DEGREE : BACHELOR OF SCIENCE IN ELECTRICAL 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
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)

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

Math

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<tr>
<th>USF</th>
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<th>Credits</th>
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<tr>
<td>MAC 2281</td>
<td>MAC 2311</td>
<td>Engineering Calculus I</td>
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<tr>
<td>MAC 2282</td>
<td>MAC 2312</td>
<td>Engineering Calculus II</td>
<td>(3)</td>
</tr>
<tr>
<td>MAC 2283</td>
<td>MAC 2313</td>
<td>Engineering Calculus III</td>
<td>(3)</td>
</tr>
<tr>
<td>MAP 2302</td>
<td>MAP 2302</td>
<td>Differential Equations</td>
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Chemistry

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<th>C/C</th>
<th>Course Name</th>
<th>Credits</th>
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<tr>
<td>CHM 2045</td>
<td>CHM 1045</td>
<td>General Chemistry I</td>
<td>(3)</td>
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<tr>
<td>CHM 2045L</td>
<td>CHM 1045L</td>
<td>General Chemistry I Laboratory</td>
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</tr>
<tr>
<td>CHM 2046</td>
<td>CHM 1046</td>
<td>General Chemistry II</td>
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Physics

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<tbody>
<tr>
<td>PHY 2048</td>
<td>PHY 2048</td>
<td>General Physics</td>
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<tr>
<td>PHY 2048L</td>
<td>PHY 2048L</td>
<td>General Physics Laboratory</td>
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<tr>
<td>PHY 2049</td>
<td>PHY 2049</td>
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<td>PHY 2049L</td>
<td>PHY 2049L</td>
<td>General Physics Laboratory</td>
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<th>C/C</th>
<th>Course Name</th>
<th>Credits</th>
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<tr>
<td>EGN 2210</td>
<td>COP 2202</td>
<td>Computer Tools for Engineers</td>
<td>(3)</td>
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</tbody>
</table>

• Admission Requirements to the University Program of Study

This is a limited access program involving special admissions requirements. 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

Students should complete and submit an Engineering Admissions Application to the College of Engineering Advising Office. Freshmen and Sophomores must submit copies of high school transcripts, SAT and ACT test scores to the College of Engineering, Advising Office. This is in addition to records requested by the University’s Admissions Office. Transfer applicants must furnish transcripts from previously attended institutions to the College of Engineering, Advising Office. This is in addition to transcripts sent to the University’s Admissions Office. Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL scores must be 550. Credentials must be received in the Engineering Advising Office 30 days prior to the date of applicable term. Failure to comply will result in the application being denied by the College of Engineering. Credentials will be held for one year. If application is not updated within that year, credentials must be re-submitted.

Engineering Admissions Requirements

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.

• Bachelor’s Curriculum - Electrical Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>CHM 2045</td>
<td>General Chemistry I</td>
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<tr>
<td>CHM 2045L</td>
<td>General Chemistry Lab</td>
<td>(1)</td>
</tr>
<tr>
<td>CHM 2046</td>
<td>General Chemistry II</td>
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</tr>
<tr>
<td>*EGN 2210</td>
<td>Computer Tools for Engineers</td>
<td>(3)</td>
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<tr>
<td>EGN 3300</td>
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<tr>
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<td>Foundations of Engineering Lab</td>
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<tr>
<td>*EGN 3311</td>
<td>Statics</td>
<td>(3)</td>
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<tr>
<td>*EGN 3343</td>
<td>Thermodynamics I</td>
<td>(3)</td>
</tr>
<tr>
<td>EGN 3365L</td>
<td>Materials Engineering</td>
<td>(3)</td>
</tr>
<tr>
<td>*EGN 3373</td>
<td>Introduction to Electrical Systems I</td>
<td>(3)</td>
</tr>
<tr>
<td>EGN 3375</td>
<td>Introduction to Electrical Systems III</td>
<td>(3)</td>
</tr>
<tr>
<td>*EGN 3443</td>
<td>Engineering Statistics I</td>
<td>(3)</td>
</tr>
<tr>
<td>EGN 3613</td>
<td>Engineering Economy I</td>
<td>(3)</td>
</tr>
<tr>
<td>EGN 4450</td>
<td>Intro. to Linear Systems</td>
<td>(2)</td>
</tr>
<tr>
<td>EGN 4531</td>
<td>Technology in Society (MWMI Engr.)</td>
<td>(3)</td>
</tr>
<tr>
<td>EEL 3100</td>
<td>Network Analysis &amp; Design</td>
<td>(3)</td>
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<tr>
<td>EEL 3302</td>
<td>Electronics I</td>
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<tr>
<td>EEL 4102</td>
<td>Linear Systems Analysis</td>
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<th>Course Title</th>
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<tbody>
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<td>EEL 4351</td>
<td>Semiconductor Devices</td>
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<td>EEL 4705</td>
<td>Logic Design</td>
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<td>EEL 4705L</td>
<td>Logic Design Lab</td>
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<td>EEL 4744</td>
<td>Microprocessors</td>
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<td>EEL 4743L</td>
<td>Microprocessors Lab</td>
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<td>EEL 4906</td>
<td>Intro. to Engr. Design</td>
<td>2</td>
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<tr>
<td>EEL 4936</td>
<td>Intro to Electromagnetics</td>
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<tr>
<td>EEL 4936</td>
<td>Design Project</td>
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<tr>
<td>ERL 3301L</td>
<td>Lab I (Circuits)</td>
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</tr>
<tr>
<td>ERL 3302L</td>
<td>Lab II (Electronics)</td>
<td>1</td>
</tr>
<tr>
<td>ERL 4937</td>
<td>Wireless Cir Sys Des Lab</td>
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<td>ENC 1101</td>
<td>Freshman English I</td>
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<tr>
<td>ENC 1102</td>
<td>Freshman English II</td>
<td>3</td>
</tr>
<tr>
<td>ENC 4931</td>
<td>Engineering Communications</td>
<td>3</td>
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<tr>
<td>MAC 2281</td>
<td>Engineering Calculus I</td>
<td>3</td>
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<tr>
<td>MAC 2282</td>
<td>Engineering Calculus II</td>
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<tr>
<td>MAC 2283</td>
<td>Engineering Calculus III</td>
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<td>MAP 2302</td>
<td>Differential Equations</td>
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<td>PHY 2048</td>
<td>General Physics I</td>
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<tr>
<td>PHY 2048L</td>
<td>General Physics I Lab</td>
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<td>PHY 2049</td>
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<td>General Physics II Lab</td>
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<tr>
<td>PHY 3101</td>
<td>Modern Physics</td>
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</table>

**Approved Technical Electives** (9)

- *ALAMEA Perspective Elective (3)
- *Fine Arts Elective (3)
- **Historical Perspective Electives (6)
- **Social Science Electives (6)
- *MW/MI (3)

*Required for admissions to the Electrical Engineering Department
**Approved General Education Requirements
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)

  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 1005/2005 Introduction to Education
  - EDG 2701 Teaching Diverse Populations
  - EME 2040 Introduction to Educational Technology

  (Equivalent course or demonstrated competency may be substituted)

  In addition to these three education courses, students must also take:
  - a minimum of 9 hours in communications, including a speech course;
  - a minimum of 9 hours in mathematics, excluding MAT 1033 and a computer course;
  - a minimum of 9 hours in the natural and/or physical sciences, with a minimum of one associated lab;
  - a minimum of 9 hours in the humanities; and
  - a minimum of 9 hours in the social sciences, including a psychology or human growth and development course.

  These courses may meet General Education Requirements as well as fulfill Prerequisites.

  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.

  American History and American National Government are recommended.

- 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)
  - EDG 4909 Teaching LEP Students K-12 (3)
  - EDG 4909 Applied Linguistics (2)
  - EDE 4940 Internship (10)

  Specialization (44 cr. hrs.):

  - ARE 4313 Art For the Child and You (3)
  - EDE 4301 Teaching Methods in the Elementary School (3)
  - EDE 4941 Childhood Education Internship Level I (3)
  - EDE 4942 Childhood Education Internship Level II (6)
  - HLP 4722 Health and Physical Education for the Child (3)
  - LAE 4314 Language Arts in Childhood Education (3)
  - LAE 4414 Literature in Childhood Education (Exit) (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)
  - SCE 4310 Teaching Elementary School Science (3)
  - SSE 4313 Teaching Elementary School Social Studies (3)
EMOTIONAL AND BEHAVIORAL DISABILITIES (K-12) - SPECIAL EDUCATION

COLLEGE: EDUCATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK: NO

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) 359-5567
LAKELAND / Advisor, Education, (941) 667-7011
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)
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 1005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

In addition to these three education courses, students must also take:
- a minimum of 9 hours in communications, including a speech course;
- a minimum of 9 hours in mathematics, excluding MAT 1033 and a computer course;
- a minimum of 9 hours in the natural and/or physical sciences, with a minimum of one associated lab;
- a minimum of 9 hours in the humanities; and
- a minimum of 9 hours in the social sciences, including a psychology or human growth and development course.

These courses may meet General Education Requirements as well as fulfill Prerequisites.

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.

Introduction/General Psychology and Sociology are recommended.

- Requirements for the B.S. Degree With Certification in EH
Professional Education Core (25-29 credit hours)

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)
EDG 4909 Teaching LEP Students K-12 (3)
EDG 4909 Applied Linguistics (2)
EEX 4940 Internship: Exceptional Student Education (10)
EEX 4936 Senior Seminar in Exceptional Student Education (2)

Emotional and Behavioral Disabilities (EH Certification)

Students seeking the B.S. degree with certification in EH are required to take the following courses:

EED 4011 Introduction to Behavior Disorders (3)
EED 4011 Undergraduate Supervised Practicum in Behavior Disorders (1-6)
EEX 4011 Foundations of Special Education (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 (3)
EEX 4846 Clinical Teaching in Special Education (3)
LAE 4314 Language Arts in Childhood Education (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)
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. 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.

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 Freshman English I
ENC 1102 Freshman English 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
- AMH 2020 American History II
- EUH 2021 Medieval History I
- EUH 2022 Medieval History 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 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:

One of the following:
- AML 3031 American Literature to 1860
- AML 3032 American Literature 1860-1912
- AML 3051 American Literature 1912-1945

Four of the following:
- ENL 3015 British Literature to 1616
- ENL 3230 British Literature 1616-1780
- ENL 3251 British Literature 1780-1900
- ENL 3273 British Literature 1900-1945
- ENL 3331 Early Shakespeare
- ENL 3332 Late Shakespeare

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

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

Continued
Group B:
AML 3031 American Literature to 1860 (3)
AML 3032 American Literature 1860-1912 (3)
AML 3031 American Literature 1912-1945 (3)
AML 4261 Literature of the South (3)
AML 4330 Selected American Authors (3)
ENG 4060 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)
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 4011 Theory of Fiction (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 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.
EDF 1005/2005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology
(SPC X600 Public Speaking
American or British Literature Survey (3)
Advanced Creative Composition beyond Freshman I and II (3)
Contemporary Literature (3)
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 credit hours)
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)
EDG 4909 Teaching LEP Students K-12 (3)
LAE 4936 Senior Seminar in English Education (2)
LAE 4940 Internship: English Education (10)

Program Requirements (33 credit hours)
1. English Specialization:
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)
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 3004 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 3200 British Literature 1616-1750 (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 (3)
LIN 3670 English Grammar and Usage (3)
LIN 4671 Traditional English Grammar (3)
LIN 4680 Structure of American English (3)

2. English Education:
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 4642 Methods of Teaching English: High School (3)

LAE 4530 must be taken concurrently with LAE 4642 (PR: LAE4464), the fall or spring immediately preceding internship. LAE 4323 should be taken the semester prior to enrolling in LAE 4530. Methods courses are available in Fall and Spring Semesters, only.
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.

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.

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

- 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. The availability of elective courses that can be applied to the major changes regularly and all such courses must be approved by the program advisor.

Requirements for ALL Majors:
BSC 2010/2010L Biology I - Cellular Processes and Lab (4)
BSC 2011/2011L Biology II - Diversity and Lab (4)
CHM 2045/2045L General Chemistry I and Lab (4)
CHM 2046/2046L General Chemistry II and Lab (4)
EVR 2001 Introduction to Environmental Science (3)
EVR 2001L Environmental Science Laboratory (3)
EVR 2861 Introduction to Environmental Policy (3)
EVR 4921 Environmental Science and Policy Seminar (3)
PHI 3640 Environmental Ethics (3)
PUP 4202 Environmental Politics and Policy (3)
one approved statistics course
one approved geology or physics course with lab.
EVR 4910 Environmental Science and Policy Project (3)
or EVR 4940 Environmental Science Internship (3)

Science Track:
MAC 2233 and MAC 2234 Elementary Calculus I and II (6)
or MAC 2281 and MAC 2282 Engineering Calculus I and II (6)
or MAC 2311 and MAC 2312 Calculus I and II (6)
CHM 2210 and CHM 2210L Organic Chemistry I and Lab (5)
plus 4 electives from one of the following tracks: Restoration, Water Quality, Environmental Monitoring or Marine Resources.

Policy Track:
ECO 3302 Environmental Economics (3)
POS 3697 Environmental Law (3)

plus four approved policy-related electives.
FINANCE

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 / Coordinator of Advising, Business Administration, (813) 974-4290
- LAKELAND (Partial) / Advisor, Business Administration, (941) 667-7011
- SARASOTA (Partial) / Advisor, Business Administration, (941) 359-4331
- ST. PETERSBURG (Partial) / Advisor, Business Administration, (727) 545-1542

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 and 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

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 upper division major, a student must first be accepted to the university. Additionally, a student must have completed a minimum of 60 semester hours, earned a 2.5 all-college grade point ratio, and completed the prerequisite courses below with a 2.0 GPA, no grade lower than a “C” and a 2.0 GPA in all work attempted at USF, including any credit prior to salvage. Students meeting all other requirements and with a cumulative grade point average between 2.3 and 2.5 may apply to the College of Business, and will be considered on a case by case basis. A student working toward meeting the limited access criteria and who has completed 60 hours may be permitted to enroll in selected upper division courses.

PROGRAM OF STUDY AT THE UNIVERSITY
The Foundation Courses common to all majors in business consist of the 18 hours of prerequisites plus the following (three-hour) courses:

- BUL 3320 Law and Business I (3)
- ECO 3100 Managerial Economics (3)
- FIN 3403 Principles of Finance (3)
- QMB 3200 Business and Economic Statistics II (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)
- ISM 3431 Management Science POM (3)
- GEB 4890 Business Policy (3)

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 4504 Principles of Investments (3)
- FIN 4414 Advanced Corporation Finance (3)

Additional upper level Finance electives (9-15)

Total (18-24)

Finance electives may be selected from among those 3000 and 4000-level classes which have FIN, REE, and RMI prefixes. At least two electives must have an FIN prefix. The following electives Finance tracks are recommended for students with specific interests in the following areas:

Sufficient additional business courses outside the student's major are required for a minimum total of 60 hours of business courses. A minimum of 54 hours of non-business courses, including calculus, speech communication, and advanced writing are required. The remaining electives for the 120-hour graduation requirement may be taken in business or non-business areas, but must include one course covering contemporary international issues.
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 1005/2005 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 credit hours)
The required courses in the professional education core are as follows:

Table:
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 3214</td>
<td>Human Development and Learning</td>
<td>3</td>
</tr>
<tr>
<td>EDF 3604</td>
<td>Social Foundations of Education (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4620</td>
<td>Curriculum and Instruction</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4430</td>
<td>Measurement for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4070</td>
<td>Integrating Exceptional Students in the Regular Classroom</td>
<td>2</td>
</tr>
<tr>
<td>FLE 4315</td>
<td>Teaching LEP Students K-12</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4936</td>
<td>Senior Seminar in Foreign Language Education</td>
<td>2</td>
</tr>
<tr>
<td>FLE 4940</td>
<td>Internship: Foreign Language Education</td>
<td>10</td>
</tr>
</tbody>
</table>

Specialization (39 cr. hrs.):

1. Foreign language (27 credit hours)
   - 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: EDG 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

• 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)

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.)
FRE 2240 Conversation II (3)
FRE 3420 Composition I (3)
FRW 4100 Introduction to the French Novel (3)
FRW 4101 Introduction to French Drama and Poetry (3)

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 / Coordinator of Advising, Business Administration, (813) 974-4290
- LAKELAND / Advisor, Business Administration, (941) 667-7011
- SARASOTA / Advisor, Business Administration, (941) 359-4331
- ST. PETERSBURG / Advisor, Business Administration, (727) 545-1542

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 X001and 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

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 2.0 all-college grade point ratio, and completed the above courses with a 2.0 GPA, no grade lower than a “C-“ and a 2.0 GPA in all work attempted at USF, including any credit prior to salvage. Students meeting all other requirements and with a cumulative grade point average between 2.3 and 2.5 may apply to the College of Business, and will be considered on a case by case basis. Students working toward meeting the limited access criteria and who have completed 60 hours will be permitted to enroll in selected upper division courses.

Students meeting all other requirements and with a cumulative grade point average between 2.3 and 2.5 may apply to the College of Business, and will be considered on a case by case basis.

PROGRAM OF STUDY AT THE UNIVERSITY
The Foundation Courses common to all majors in business consist of the 18 hours of prerequisites plus the following (three-hour) courses:

- BUL 3320 Law and Business I (3)
- ECO 3100 Managerial Economics (3)
- FIN 3403 Principles of Finance (3)
- QMB 3200 Business and Economic Statistics II (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)
- ISM 3431 Management Science POM (3)
- GEB 4890 Business Policy (3)

Students are required to take one upper level course from each of the following groups:

Accounting:
- ACG 3103 Intermediate Financial Accounting I (3)
- ACG 3341 Cost Accounting and Control I (3)
- TAX 4001 Concepts of Federal Income Taxation (3)

Economics:
- Any course offered by the Economics Department numbered 3000 or above. (3)

Finance:
- Any course offered by the Finance Department numbered 3000 or above (except FIN 3100 and FIN 3105) (3)

Management:
- MAN 3240 Organizational Behavior Analysis (3)
- MAN 3301 Human Resources Management (3)
- ISM 3011 Management Information Systems (3)
Marketing:
MÂR 3823    Marketing Management  (3)
MÂR 3613    Marketing Research  (3)
Other upper level business electives  (3-9)
TOTAL  (18-24)

Independent study and independent research courses are not appropriate electives.

Sufficient additional business courses outside the student's major are required for a minimum total of 60 hours of business courses. A minimum of 54 hours of non-business courses, including calculus, speech communication, and advanced writing are required. The remaining electives for the 120-hour graduation requirement may be taken in business or non-business areas, but must include one course covering contemporary international issues.
GEOGRAPHY

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : URBAN, ENVIRONMENTAL, AND GENERAL TRACKS

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 (4)
- GEO 3013L Intro to Physical Geography Lab (1)
- GEO 3402 Human Geography (4)
- GEO 3141C Digital Thematic Mapping (4)
- GEO 3164C Quantitative Methods (4)
- GEO 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 4444 Biogeography (4)

Techniques Courses (electives):
- GEO 4114C Geographic Techniques and Methodology (4)
- GEO 4140C 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 1045L or CHM 1045
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
PHY 2049C General Physics and Laboratory II or PHY 2049/2049L
PHY 2053C Physics
PHY 2054C Physics

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.)

Geology Courses (32 sem. hrs.)
GLY 2010 Dynamic Earth: Introduction to Physical Geology (3)
GLY 2010L Dynamic Earth Laboratory (1)
GLY 2100 History of the Earth and Life (3)
GLY 2100L Earth History Lab (1)
GLY 3200 Mineralogy (4)
GLY 3400C Structural Geology (4)
GLY 3610 Introduction to Invertebrate Paleontology (4)
GLY 3610L Introduction to Invertebrate Paleontology Laboratory (1)
GLY 4310 Petrology (4)
GLY 4550 Depositional Systems (4)
GLY 4552 Sedimentary Geology and Geochemistry (4)

Supporting Courses (22-28 sem. hrs.)
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 2011/2011L Biology II - Diversity and Laboratory (4)
PHY 2053-2053L General Physics and Laboratory (4)
PHY 2054-2054L General Physics and Laboratory (4)
or
PHY 2048-2048L General Physics and Laboratory (4)
PHY 2049-2049L General Physics and Laboratory (4)

Liberal Arts Requirements
The student is required to complete the University's Liberal Arts Requirements.

Free Electives
Courses over and above required courses should be taken to complete a 120-hour program.

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

<table>
<thead>
<tr>
<th>COLLEGE</th>
<th>ARTS AND SCIENCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCHOOL</td>
<td>NONE</td>
</tr>
<tr>
<td>DEGREE</td>
<td>BACHELOR OF SCIENCE</td>
</tr>
<tr>
<td>OPTION/TRACK</td>
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</table>

**LIMITED ACCESS PROGRAM**: NO

**CAMPUS(ES) WHERE OFFERED/CONTACT:**
TAMPA only / Eleanour 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</td>
</tr>
<tr>
<td>PHY 2049C</td>
<td>General Physics and Laboratory II or PHY 2049/2049L</td>
</tr>
<tr>
<td>PHY 2053C</td>
<td>Physics</td>
</tr>
<tr>
<td>PHY 2054C</td>
<td>Physics</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.)

**Geology Courses (32 sem. hrs.)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>GLY 2010</td>
<td>Dynamic Earth: Introduction to Physical Geography</td>
</tr>
<tr>
<td>GLY 2010L</td>
<td>Dynamic Earth Laboratory</td>
</tr>
<tr>
<td>GLY 2100</td>
<td>History of Earth and Life</td>
</tr>
<tr>
<td>GLY 2100L</td>
<td>Earth History Laboratory</td>
</tr>
<tr>
<td>GLY 3200</td>
<td>Mineralogy</td>
</tr>
<tr>
<td>GLY 3400C</td>
<td>Structural Geology</td>
</tr>
<tr>
<td>GLY 3610</td>
<td>Introduction to Invertebrate Paleontology</td>
</tr>
<tr>
<td>GLY 4310</td>
<td>Petrology</td>
</tr>
<tr>
<td>GLY 4552</td>
<td>Sedimentary Geology and Geochemistry</td>
</tr>
<tr>
<td>GLY 4550</td>
<td>Depositional Systems</td>
</tr>
</tbody>
</table>

**Geology Track or Environmental Geology Track (6-8 sem. hrs.)**

The Geology track has a field geology requirement:
A minimum six-week, six-hour field course, approved by the geology advisor.

The Environmental Geology track requires:

- GLY 4822 Introduction to Hydrogeology (4)

- GLY 4700 Geomorphology (4)

- GEO 4210 Process Geomorphology (4)

**Supporting Courses (22-24 sem. hrs.)**

<table>
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<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>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>
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<tr>
<td>MAC 2312</td>
<td>Calculus II</td>
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<tr>
<td>PHY 2048</td>
<td>General Physics</td>
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<tr>
<td>PHY 2048L</td>
<td>General Physics Laboratory</td>
</tr>
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<td>PHY 2049</td>
<td>General Physics</td>
</tr>
<tr>
<td>PHY 2049L</td>
<td>General Physics Laboratory</td>
</tr>
</tbody>
</table>

**Liberal Arts Requirements**

The student is required to complete the University’s Liberal Arts Requirements.
Free Electives 19-25 sem. hrs.

The student will choose, in consultation with his/her Geology adviser, 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.

All geology majors are strongly urged to take a course in technical writing.

All entering students anticipating a major in Geology are advised to enroll in:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2045</td>
<td>General Chemistry I</td>
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<tr>
<td>CHM 2045L</td>
<td>General Chemistry I Laboratory</td>
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</tr>
<tr>
<td>CHM 2046</td>
<td>General Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHM 2046L</td>
<td>General Chemistry II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>GLY 2010</td>
<td>Dynamic Earth: Introduction to Physical Geology</td>
<td>3</td>
</tr>
<tr>
<td>GLY 2010L</td>
<td>Dynamic Earth Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>GLY 2100</td>
<td>History of the Earth and Life</td>
<td>3</td>
</tr>
<tr>
<td>GLY 2100L</td>
<td>Earth History Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

in the freshman year and to seek curriculum counseling with a Geology advisor.

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

- 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.

- 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.)
  GER 2240 Conversation I (3)
  GER 3420 Composition I (3)
  GEW 4100 Survey of German Literature I (4)
  GEW 4101 Survey of German Literature II (4)

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 3601 Behavior Changes in Later Life (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 21 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 be 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

- 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 4329 Long-Term Care Administration III (3)
  GEY 4360 Gerontological Counseling (3)
  GEY 4640 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 twelve (12) hours of prerequisites:
  ACG 2021 Principles of Financial Accounting (3)
  ACG 2071 Principles of Managerial Accounting (3)
  CGS 2100 Computers in Business (3)
  GEY 2000 Introduction to Gerontology (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.

  The gerontology prerequisite can only be satisfied by a student having taken GEY 2000 at this university or its equivalent at another institution. The prerequisites of accounting can be fulfilled by taking ACG 2021 and ACG 2071 at this university or comparable work at another institution.

  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 should complete two lower level introductory courses in History prior to entering the University. 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. 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  
  - English - Essay Writing, Foreign Languages, Anthropology, Geography, Economics, Political Science, Philosophy, Literature, Humanities, Sociology, Black Studies.

- **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 Theory of History and HIS 4936 Pro-Seminar in History, 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 2023, “Fundamentals of Speech Communication,” and LIS 2001, “Information Resources and Library Research,” and additional hours 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 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 English I (3)
ENC 1102 English II (3)
Humanities (HUM 2000-level courses) (6)
Imaginative 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. This is a non-limited access program with the above courses recommended.

• 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.

HUM 2211 Studies in Culture: the Ancient through the Medieval Periods (3)
HUM 2243 Studies in Culture: the Renaissance through the Twentieth Century (3)
22 credits of upper-level Humanities courses (3000 or 4000 level)
HUM 4931 Seminar in Humanities (4)

Two or more classes in the creative or performing arts, either lower or upper level, totaling at least four semester hours.

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: YES - THIS PROGRAM HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS STATED BELOW.

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)

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

**Math**

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<tr>
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<tr>
<td>MAC 2281</td>
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**Graphics**

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**Fortran**

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<tr>
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<td>COP 2202</td>
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• Admission Requirements to the University Program of Study

This is a limited access program involving special admissions requirements. 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**

Students should complete and submit an Engineering Admissions Application to the College of Engineering Advising Office. Freshmen and Sophomores must submit copies of high school transcripts, SAT and ACT test scores to the College of Engineering, Advising Office. This is in addition to records requested by the University’s Admissions Office. Transfer applicants must furnish transcripts from previously attended institutions to the College of Engineering, Advising Office. This is in addition to transcripts sent to the University’s Admissions Office. Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL scores must be 550. Credentials must be received in the Engineering Advising Office 30 days prior to the date of applicable term. Failure to comply will result in the application being denied by the College of Engineering. Credentials will be held for one year. If application is not updated within that year, credentials must be re-submitted.

**Engineering Admissions Requirements**

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.

• Bachelor's Curriculum Industrial and Management Systems Engineering

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<td>Computer Tools for Engineers (3)</td>
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<td>EGN 3000</td>
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<td>EGN 3343</td>
<td>Thermodynamics I (3)</td>
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<td>EIN4365L</td>
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<td>EIN4601</td>
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<td>ESI5423</td>
<td>Industrial Systems Simulation</td>
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<tr>
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*ALAMEA Perspectives Elective (3)
*Fine Arts Elective (3)
*Historical Perspectives Elective (6)
*Science Elective (3)
*Social Science Elective (6)
*MW/MI (3)

*Approved General Education Requirements
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 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.

   EDF 1005/2005 Introduction to Education
   EDG 2701 Teaching Diverse Populations
   EME 2040 Introduction to Educational Technology
   (Equivalent course or demonstrated competency may be substituted)

An additional 15 semester hours should be completed in a Vocational Specialty Area. 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 (56 cr. hrs.):
ADE 4384 Working With Adult Learners (3)
EDF 3604 Social Foundations of Education (3)
EIV 4210* Program Management (4)
EIV 4360 Special Teaching Methods: Industrial-Technical Education (4)
EVT 4065 History & Principles of Vocational Education (4)
EVT 4084 Professional Development in Industrial Technical Education (3)
EVT 4165 Curriculum Construction: Industrial-Technical Education (4)
EVT 4365 Basic Teaching Methods in Vocational Education (4)
EVT 4367 Assessing Student Skill in Industrial-Technical Education (4)
EVT 4562 Vocational Education for Special Needs Students (4)
EVT 4651 Equity in Schools & Workplace (Exit) (3)
EVT 4936 Senior Seminar in Education (2)
EVT 4940 Internship (10)
EVT 4946* Supervised Field Experience: Industrial-Technical Education (4)

*Another course may be substituted with advisor’s approval.
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.

  EDF 1005/2005 Introduction to Education
  EDG 2701 Teaching Diverse Populations
  EME 2040 Introduction to Educational Technology
  (Equivalent course or demonstrated competency may be substituted)

  An additional 15 semester hours should be completed in a Technological Area of Specialization. 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
  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 (19 cr. hrs.):
  EIA 3192 Technology Education and Society (4)
  EIA 4360 Special Teaching Methods: Technology Education (3)
  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: YES-THIS PROGRAM HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS STATED BELOW.

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

Math

<table>
<thead>
<tr>
<th>USF</th>
<th>C/C</th>
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</thead>
<tbody>
<tr>
<td>MAC 2233</td>
<td>MAC 2233</td>
<td>Elementary Calculus I (3)</td>
</tr>
<tr>
<td>MAC 2234</td>
<td>MAC 2234</td>
<td>Elementary Calculus II (3)</td>
</tr>
<tr>
<td>STA 2023</td>
<td>STA 2023</td>
<td>Introductory Statistics I (3)</td>
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Physics

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<tbody>
<tr>
<td>PHY 2053</td>
<td>PHY 2053</td>
<td>General Physics (3)</td>
</tr>
<tr>
<td>PHY 2053L</td>
<td>PHY 2053L</td>
<td>General Physics Laboratory (1)</td>
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<tr>
<td>PHY 2054</td>
<td>PHY 2054</td>
<td>General Physics (1)</td>
</tr>
<tr>
<td>PHY 2054L</td>
<td>PHY 2054L</td>
<td>General Physics Laboratory (1)</td>
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Science Electives

Business Courses

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<tr>
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<tbody>
<tr>
<td>ACG 2001</td>
<td>ACG 2001</td>
<td>Principles Accounting I (3)</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>ECO 2013</td>
<td>Economic Principles (Macroeconomics) (3)</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>ECO 2023</td>
<td>Economic Principles (Microeconomics) (3)</td>
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Fortran

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<tr>
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<tbody>
<tr>
<td>EGN 2210</td>
<td>COP 2210</td>
<td>Computer Tools for Engineers (3)</td>
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</table>

Cobol

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<thead>
<tr>
<th>USF</th>
<th>C/C</th>
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</tr>
</thead>
<tbody>
<tr>
<td>COP 2120</td>
<td>COP 2120</td>
<td>COBOL Programming I (3)</td>
</tr>
</tbody>
</table>

Admission Requirements to the University Program of Study
This is a limited access program involving special admissions requirements. 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
Students should complete and submit an Engineering Admissions Application to the College of Engineering Advising Office. Freshmen and Sophomores must submit copies of high school transcripts, SAT and ACT test scores to the College of Engineering, Advising Office. This is in addition to records requested by the University’s Admissions Office. Transfer applicants must furnish transcripts from previously attended institutions to the College of Engineering, Advising Office. This is in addition to transcripts sent to the University’s Admissions Office. Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL scores must be 550. Credentials must be received in the Engineering Advising Office 30 days prior to the date of applicable term. Failure to comply will result in the application being denied by the College of Engineering. Credentials will be held for one year. If application is not updated within that year, credentials must be re-submitted.

Engineering Admissions Requirements
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.

Bachelor of Science in Information Systems Curriculum
This program is under revision. Courses indicated with XXXX rather than course numbers will be submitted for approval during 1998-99. See your academic advisor for additional information.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>MAC 2281</td>
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<td>or 2233</td>
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<td></td>
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<tr>
<td>MAC 2282</td>
<td>Calculus II</td>
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<td>or 2234</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAN 3023</td>
<td>Principles of Management</td>
<td>(3)</td>
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<tr>
<td>PHY 2048</td>
<td>Eng. Physics I</td>
<td>(3)</td>
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<tr>
<td>or 2053</td>
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<td>PHY 2048L</td>
<td>Eng. Physics I Lab</td>
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<tr>
<td>or 2053L</td>
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<td></td>
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<tr>
<td>PHY 2049</td>
<td>Eng. Physics II</td>
<td>(3)</td>
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<tr>
<td>or 2054</td>
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<td></td>
</tr>
<tr>
<td>PHY 2049L</td>
<td>Eng. Physics II Lab</td>
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<tr>
<td>or 2054L</td>
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<td></td>
</tr>
<tr>
<td>STA 2023</td>
<td>Intro to Statistics</td>
<td>(3)</td>
</tr>
<tr>
<td>CS&amp;E Theory Elective</td>
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<td>(3)</td>
</tr>
<tr>
<td>CS&amp;E Software Electives</td>
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<td>(9)</td>
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<tr>
<td>CS&amp;E Electives</td>
<td></td>
<td>(14)</td>
</tr>
<tr>
<td>*ALAMEA Perspective Elective</td>
<td></td>
<td>(3)</td>
</tr>
<tr>
<td>*Fine Arts Elective</td>
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<td>(3)</td>
</tr>
<tr>
<td>*Historical Perspectives Electives</td>
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<td>(6)</td>
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<tr>
<td>*Science Elective</td>
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<td>(3)</td>
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<tr>
<td>*Social Science Electives</td>
<td></td>
<td>(6)</td>
</tr>
<tr>
<td>*Major Works</td>
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<td>(3)</td>
</tr>
</tbody>
</table>

*Approved General Education Requirements
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.

One year each, if offered, of:
- Biology I (BSC 2010, 2010L) and Biology II (BSC 2011, 2011L) (8)
- Calculus (MAC 2233 and MAC 2234 or MAC 2311 and MAC 2312) (6 - 8)
- General Chemistry (CHM 2041, CHM 2045L, and CHM 2046, CHM 2046L) (8)
- General Physics (PHY 2053, 2053L, 2054, 2054L or PHY 2048, 2048L, 2049, 2049L) (8)
- Introduction to Physical Geology (GLY 2010, GLY 2010L) and History of the Earth and Life (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

Concentrations exist in Interdisciplinary Natural Sciences-Biology (INB), Interdisciplinary Natural Sciences-Chemistry (INC), Interdisciplinary Natural Sciences - Clinical Laboratory Sciences (INL), Interdisciplinary Natural Sciences-Geology (ING), Interdisciplinary Natural Sciences-Mathematics (INM), and Interdisciplinary Natural Sciences-Physics (INP).

For Science Education and Mathematics Education Majors, only completion of a major consisting of a minimum of 45 hours in natural sciences courses applicable to majors in the natural sciences. In these emphases, there must be a minimum of 24 credit hours in a discipline of major concentration and a minimum of 16 credit hours in supporting courses outside the discipline of major concentration selected from natural science courses. At least two of the supporting courses must be at the 3000 level or above. The student must earn a grade of "C" or better in each course in the major concentration and in each supporting course.

For Biology (INB), Chemistry (INC), Geology (ING), Mathematics (INM), and Physics (INP) concentrations, there must be a minimum of 24 credit hours in a discipline of major concentration and a minimum core of supporting courses comprising a calculus sequence and the introductory science sequence from each of the following departments:

- BSC 2010, 2010L Biology I - Cellular Processes and Lab (3,1)
- BSC 2011, 2011L Biology II - Diversity and Lab (3,1)
- 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)
- GLY 2100 Dynamic Earth: Introduction to Physical Geology (3)
- GLY 2100L Dynamic Earth Laboratory (1)
- GLY 2100 History of the Earth and Life (3)
- GLY 2100L Earth History Laboratory (1)
- MAC 2233 Elementary Calculus I (4)
- MAC 2234 Elementary Calculus II (4)
- or MAC 2311 Calculus I (4)
- or MAC 2312 Calculus II (4)
- or MAC 2281 Engineering Calculus I (3)
- MAC 2282 Engineering Calculus II (3)
- PHY 2053 General Physics (3)
- PHY 2053L General Physics Laboratory (1)
- PHY 2054 General Physics (3)
- PHY 2054L General Physics Laboratory (1)
- or PHY 2048 General Physics (3)
- or PHY 2048L General Physics Laboratory (1)
- PHY 2049 General Physics (3)
- or PHY 2049L General Physics Laboratory (1)

The student must earn a grade of "C" or better in the major concentration and in each supporting course. Unstructured courses are not counted to fulfill the major requirements.

Continued
The Clinical Laboratory Sciences emphasis is designed to prepare students for application to a clinical program in Medical Technology or Cytology following graduation or employment in a laboratory. Students planning to apply to clinical programs in Medical Technology need to include a course in Immunology. Students contemplating graduate study should pursue a major in the discipline of their interest, such as Biology, Chemistry, or Microbiology. For the Clinical Laboratory Sciences emphasis, completion of a minimum of 54 credit hours in natural sciences with a "C" or higher in each major and supporting course.

Supporting Courses:

- BSC 2010, 2010L Biology I - Cellular Processes and Laboratory (3,1)
- BSC 2011, 2011L Biology II - Diversity and Laboratory (3,1)
- CHM 2041, 2045L General Chemistry I and Laboratory (3,1)
- CHM 2046, 2046L General Chemistry II and Laboratory (3,1)
- MAC 2233 Elementary Calculus I (4)
- STA 2023 Introductory Statistics I (4)

Major Courses:

- BCH 3023 Introductory Biochemistry (3)
- or
- CHS 4300 Fundamentals of Clinical Chemistry (3)
- CHM 2210, 2210L General Chemistry I and Laboratory (3,2)
- CHM 2211, 2211L General Chemistry II and Laboratory (3,2)
- MCB 3020C General Microbiology (4)

Two (2) Biology major electives including at least one with lab (min. 6 hours)

Select from the following list noting prerequisites where applicable:

- BOT 4434C Mycology (3)
- MCB 4115 Determinative Bacteriology (5)
- MCB 4404, 4404L Microbial Physiology & Genetics and Laboratory (4,1)
- PCB 3023, 3023L Cell Biology and Laboratory (3,1)
- PCB 3063, 3063L General Genetics and Laboratory (3,1)
- PCB 4064C Experimental Genetics (3)
- PCB 5235 Principles of Immunology (3)
- ZOO 4753C Histology (3)

Majors sciences electives in Biology, Chemistry, or Physics to total minimum of 54 hours. Select from the following list, noting prerequisites where applicable, and not duplicating courses used to meet the above requirements:

- BCH 3023 Introductory Biochemistry (3)
- BCH 3023L Basic Biochemistry Laboratory (2)
- BCH 4043 Advanced Biochemistry (3)
- BOT 4434C Mycology (3)
- CHM 3120C Elementary Analytical Chemistry (4)
- CHM 4060 Use of the Chemical Literature (1)
- CHS 4300 Fundamentals of Clinical Chemistry (3)
- CHS 4301L Clinical Laboratory (2)
- MCB 4115C Determinative Bacteriology (5)
- MCB 4404 Microbial Physiology and Genetics (4)
- MCB 4404L Microbial Physiology and Genetics Laboratory (1)
- MCB 4502C Virology (3)
- MCB 5206 Public Health and Pathogenic Microbiology (3)
- MCB 5815 Medical Mycology (3)
- PCB 3023 Cell Biology (3)
- PCB 3023L Cell Biology Laboratory (1)
- PCB 3063 General Genetics (3)
- PCB 3063L Genetics Laboratory (1)
- PCB 4064C Experimental Genetics (3)
- PCB 4723 Animal Physiology (3)
- PCB 4723L Animal Physiology Laboratory (1)
- PCB 5235 Principles of Immunology (3)
- PCB 5525 Molecular Genetics (3)
- PHY 2053 General Physics (3)
- PHY 2053L General Physics Laboratory (1)
- PHY 2054 General Physics (3)
- PHY 2054L General Physics Laboratory (1)
- ZOO 4753C Histology (4)
- ZOO 5235 Parasitology (3)

NOTE: Transfer students with credit for two semesters of anatomy and physiology with laboratories may substitute these courses for BSC 2011, 2011L.

Computer competency is essential for work in a modern laboratory. Students lacking computer skills should take CGS 2060.
INTERDISCIPLINARY SOCIAL SCIENCES

- SPEECH-LANGUAGE-HEARING SCIENCE (ISH)
- AMERICAN SIGN LANGUAGE (ISA)
- EDUCATIONAL INTERPRETING (ISI)

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

- 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 Speech-Language-Hearing (ISH) or ASL (ISA) 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 ISH and ISA are encouraged to complete the following prerequisites during the program of study at the community college:

- ANT 2000 Introduction to Anthropology (3)
- PSY 2012 Introduction to Psychology (3)
- SYG 2000 Introduction to Sociology (3)

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 3092 Human Anatomy & Physiology (5)
- STA 1023 Introduction to Statistics (or equivalent) (4)

Complete the foreign language requirement

NOTE: Students who select ASL as their foreign language and are seeking a bachelor of arts degree in ASL 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.

- Admission Requirements to the University Program of Study
Admission to the program of study for Educational Interpreters 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. It is further recommended that the candidate will have completed a community college interpreter training program curriculum.

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 Interdisciplinary Social Sciences
Speech-Language-Hearing Concentration (ISH) (min. 39 cr. hrs.)
Coursework is sequenced for the ISH 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 Introduction to Disorders of Speech and Language (3)
- SPA 3004 Introduction to Language Development Disorders (3)
- SPA 3011 Introduction to Speech Science (3)
- SPA 3030 Introduction to Hearing Science (3)
- SPA 3101 Anatomy and Physiology of the Speech and Hearing Mechanism (3)
- SPA 3112 Applied Phonetics in Communication Disorders (3)
- SPA 3110 Introduction to Disorders of Hearing (3)
- SPA 4050 Introduction to the Clinical Process (3)
- SPA 4201 Phonological Development and Disorders (3)
- SPA 4210 Vocal Disorders (3)
- SPA 4222 Fluency Disorders (3)
- SPA 4363 Nature and Needs of Hearing Impaired (3)
- SPA 4562 Counseling of Communicatively Handicapped and Family (3)
- SPA 3380 Basic American Sign Language (Recommended) (4)
American Sign Language Concentration (ISA) (min. 30 cr. hrs.)

New students are not being admitted to the ISA Major for the 1999/2000 year while the curriculum is being restructured.

General admission requirements and recommendations for ISA are identical to the ISH concentration in Speech-Language-Hearing Science. The specific course of study for the ISA 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 specific course of study for the ISA 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 Introduction to Disorders of Speech and Language (3)
- SPA 3004 Introduction to Language Development and Disorders (3)
- SPA 3030 Introduction to Hearing Science (3)
- SPA 3310 Introduction to Disorders of Hearing (3)
- SPA 3380 Basic American Sign Language (4)
- SPA 4332 Structure of Sign Language (3)
- SPA 4363 Nature and Needs of Hearing Impaired (3)
- SPA 4382 Intermediate American Sign Language (4)
- SPA 4383 Advanced American Sign Language (4)
- Other electives (6)

Educational Interpreter Training Concentration (ISI)

The specific course of study for the ISI 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 Educational Interpreter Training Program in the Department.

The following courses are included in the major:

- EDF 3214 Human Development and Learning (3)
- EDG 4620 Curriculum and Instruction (3)
- EEX 4070 Integrating Exceptional Students in the Regular Classroom (2-3)
- ISS 3010 Introduction to the Social Sciences (3)
- SPA 3001 Introduction to Interpreting in Public Schools (3)
- SPA 3001L Introduction to Interpreting in Public Schools Lab (1)
- SPA 3003 Overview of Language Learning in Deaf Children (3)
- SPA 3003L Overview of Language Learning in Deaf Children Lab (1)
- SPA 3004 Introduction to Language Development and Disorders (3)
- SPA 3028 Introduction to Auditory Functions (3)
- SPA 4371 Legal, Ethical, and Technical Issues of Working with Deaf (3)
- SPA 4386 Interpreting in Public Schools I (3)
- SPA 4386L Interpreting in Public Schools I Lab (1)
- SPA 4387 Interpreting in Public Schools II (3)
- SPA 4387L Interpreting in Public Schools II Lab (1)
- SPA 4503 Practicum: Interpreting in Schools (4)

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 ISH, ISA, or ISI. 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 which comprise the second year of the major may not be repeated.
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
LAKELAND / 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.

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. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

AFA 2000  Black Experience (3)
AMH 2010  American History I (3)
AMH 2020  American History II (3)
ANT 2000  Introduction to Anthropology (3)
CCJ 3020  Introduction to Criminal Justice (3)
ECO 2013  Economic Principles (Macroeconomics) (3)
ECO 2023  Economic Principles (Microeconomics) (3)
GEA 3000  World Geography (4)
POS 2041  National Government (3)
POS 2112  State and Local Government (3)
SYG 2000  Introduction to Sociology (3)
WST 3010  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. No transfer courses with grades of "D" are acceptable for credit in the ISS major.

Requirements for the B.A. degree in Interdisciplinary Social Sciences

Required core courses for the major are:

ISS 3010  Introduction to the Social Sciences (3)
ISS 4935  Seminar in the Social Sciences (3)
STA 2122  Social Science Statistics (3)

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. Three special electives—emphasizing cultural diversity—are added. It is suggested that the student work out a program of study at the onset of the junior year, particularly before too many courses are completed in CAS. No student should assume that courses already completed in CAS will automatically count toward the ISS degree.

Students must complete 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. Students must maintain a minimum grade point average of 2.0 in ISS to graduate.

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.

Students in Communications Sciences and Disorders major in ISS with an emphasis in (a) Speech and Hearing Science, (b) Interpreter Training for the Deaf, or (c) American Sign Language. Advising for this concentration is handled at the Communication Sciences and Disorders Department.

Cognate Areas - 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, ISA, ISH, LAS, 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
HMS 443
(813) 974-4058

- 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 done 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) which 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 theme-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.

Seminar 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. Major social science research techniques are practiced 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 Inter-area Study 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.
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.

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 2010</td>
<td>American History I</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>American History II</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2000</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Principles of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Principles of Economics II</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td></td>
<td>11</td>
</tr>
<tr>
<td>GEA 2005</td>
<td>Global Geography</td>
<td>4</td>
</tr>
<tr>
<td>POS 2041</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>Western or World Civilization I, II</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Courses to improve writing &amp; speaking skills</td>
<td></td>
<td></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 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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>INR 3003</td>
<td>Introduction to International Studies</td>
<td>3</td>
</tr>
<tr>
<td>INR 3038</td>
<td>International Wealth and Power</td>
<td>3</td>
</tr>
<tr>
<td>INR 3081</td>
<td>International Studies Issues and Actors</td>
<td>3</td>
</tr>
<tr>
<td>INR 4936</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

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

- 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.)
- 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 ARTS AND SCIENCES

COLLEGE: NEW COLLEGE
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: THIS PROGRAM IS AVAILABLE AT NEW COLLEGE OF USF IN SARASOTA ONLY.
NEW COLLEGE OFFICE OF ADMISSIONS
5700 N. TAMMIAMI TRAIL
SARASOTA, FL 34243-2917
(941) 359-4269

PROGRAM OF STUDY AT THE COMMUNITY COLLEGE

Almost one-third of all New College students began their undergraduate careers at other colleges, many at Florida community colleges. New College provides an exciting opportunity for students seeking to continue their undergraduate education in a challenging individualized program in the liberal arts and sciences.

Transfer Credits: Liberal arts and sciences courses are evaluated individually to determine transfer credit. Generally courses with grades of "C" or above that are judged comparable in level and content with New College courses will transfer. Students may receive up to three contracts and one ISP in transfer credit. A statement of transfer credit policy is available from the New College Office of Admissions.

ADMISSION REQUIREMENTS TO THE UNIVERSITY PROGRAM OF STUDY

INTRODUCTION: WHAT NEW COLLEGE IS ALL ABOUT

As the honors college of the State University System of Florida, New College provides academically motivated students with extensive opportunities for accelerated intellectual growth.

With an 11:1 student to faculty ratio, a small and select student body has greater access to an excellent faculty than typically available in a state university. This environment provides students with individual attention to nurture intellectual development.

Since its affiliation with the University of South Florida in 1975, New College has been able to offer students the best of both worlds: the quality of a small private liberal arts education at the cost of a state university.

TRANSFER INFORMATION

Application Process:
- New College USF Application and fee
- SAT or ACT scores (officially reported)
- High School Transcript(s)
- College Transcript(s)
- Teacher recommendation (from recent academic course)
- Counselor recommendation (from an academic dean or advisor) - an additional academic Teacher Recommendation may be substituted.
- A graded paper from a recent course, preferably English or History
- Statement of reasons for transfer from previous college or university

Admission Decisions:
Success in the New College program requires academic ability and preparation, self-discipline, and motivation. Since the average profile of an admitted student is quite strong, it is recommended that the most rigorous possible course of study be followed. The prospective student should take every opportunity to demonstrate strength through academic records, standardized test scores, recommendations, writing samples, and the interview. No grade point or test score cutoffs are used in making admission decisions. The associate's degree is not a requirement or guarantee for admission. The Admissions Committee evaluates all aspects of the application to assess whether the student is suited to the special nature of New College.

Admission decisions are made on a rolling basis. Fall applications are accepted no later than May 1, with review beginning January 1. Spring applications are accepted no later than December 1, with review beginning in late November. The Office of Admissions reserves the right to close the class earlier than the dates specified if enrollment goals have already been met.

PROGRAM OF STUDY AT THE UNIVERSITY

REQUIREMENTS FOR THE B.A. DEGREE

a) Seven Contracts: An academic contract is a semester-long program of study which may include classes, tutorials, and other educational activities.

b) Three Independent Study Projects (ISP): Each ISP is an intensive project carried out during the 4-week January Interterm.

c) Senior Thesis: The final major project in the student's area of concentration.

d) Oral Baccalaureate Examination: An oral defense of the senior thesis before a faculty committee.

Transfer students must complete at least two years in residence at New College in order to be eligible for a New College degree. This would necessarily include: four contracts, two independent study projects, a senior thesis, an oral baccalaureate examination.

ACADEMIC CALENDAR: 4-1-4 Year

Two four-month semesters (fall and spring)
One four-week Interterm (January)
There is no summer session.
THE ACADEMIC CURRICULUM

In order to allow room for individual interests and talents, the New College curriculum is more flexible than that of most colleges. Students are encouraged to combine areas of study to suit their particular goals. They may select from a wide array of courses offered each semester, and arrange individual or group "tutorials" that stem from particular academic interests. The following is a list of areas of study offered by the College's three academic divisions, as well as some interdisciplinary and interdivisional programs.

HUMANITIES--Art History; Classics; Fine Arts; Language - French, German, Russian, Spanish, Latin, Greek; Literature; Music; Philosophy; Religion

NATURAL SCIENCES--Biology; Chemistry; Mathematics; Physics

SOCIAL SCIENCES--Anthropology; Economics; History; Political Science; Psychology; Sociology

INTERDISCIPLINARY AND/OR INTERDIVISIONAL PROGRAMS--Environmental Studies; Gender Studies; Medieval and Renaissance Studies; Public Policy; Urban Studies.

CAMPUS LIFE

New College is a co-educational, residential college. It attracts a diverse student body from across the United States, as well as several foreign countries. Its location on a 140-acre bayfront campus in Sarasota puts students in close range of cultural and recreational activities. Facilities include a $6 million library, a Conference Center/Auditorium, an indoor fitness center, and a fine arts complex.

FINANCIAL AID AND SCHOLARSHIPS

New College is able to offer students a top quality education at very low cost because the institution receives support from both the public and private sectors.

Federal and state need-based financial assistance programs are available to New College students. In addition, about 60 percent of the incoming students receive achievement-based scholarships.

REFERENCES

Changing Times lists New College as one of the "Better-Known Gems" in higher education, noting "New College . . . is one of the most challenging schools in the country . . . "

Thomas Sowell, in his book, Choosing a College, states, " . . . the academic success of New College students--a higher percentage go on to Ph.D.'s than do students at Yale or Stanford--suggests that some very serious and responsible thought goes into their individual programs . . . ."

The Insider's Guide to the Colleges 1990 Edition reports that "(students) seeking a decidedly intimate, intense learning atmosphere that calls for a great sense of personal initiative and responsibility . . . will find New College tough to beat."

Richard Moll in his acclaimed book, The Public Ivys, recognizes that being the recipient " . . . of one award after another underscores the fact that New College is indeed an elite 'private' college at a low public price."

USA Today ranked New College 28th in its list of the 52 choosiest colleges.

Money magazine's Money Guide to Best Colleges Buys (1996 Edition) ranked New College the #1 Best Buy in the nation for the third year in a row. The editors evaluated more than 1,000 "colleges."

In "Best buys in top colleges," Kiplinger's Personal Finance Magazine (October 1991) selects New College as one of 19 colleges offering "Better quality at a better price."
# Liberal Studies

<table>
<thead>
<tr>
<th>College</th>
<th>Arts and Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>School</td>
<td>None</td>
</tr>
<tr>
<td>Degree</td>
<td>Bachelor of Arts</td>
</tr>
<tr>
<td>Option/Track</td>
<td>None</td>
</tr>
</tbody>
</table>

**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.

  To be admitted to the Liberal Studies program, the student must have a minimum of 20 (to a maximum of 80) semester hours, have a minimum overall GPA of 3.0 at the time of admission, and submit a written proposal explaining the student’s special academic circumstances and goals for which this major is appropriate. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

- 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 90 hours will include courses in the sciences, letters, and social and behavioral sciences. In the student’s last semester, a senior paper must be approved by the faculty committee.

  When admitted to the program, the student will formulate, in collaboration with the faculty committee, a program of studies to be pursued toward his/her particular academic goals. For information, contact the Coordinator of Advising in SOC 102.
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 / Coordinator of Advising, Business Administration, (813) 974-4290
LAKELAND / Advisor, Business Administration, (941) 667-7011
SARASOTA / Advisor, Business Administration, (941) 359-4331
ST. PETERSBURG / Advisor, Business Administration, (727) 545-1542

• 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 and 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

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 2.5 all-college grade point ratio, and completed the above courses with a 2.0 GPA, no grade lower than a "C" and a 2.0 GPA in all work attempted at USF, including any credit prior to salvage. Students meeting all other requirements and with a cumulative grade point average between 2.3 and 2.5 may apply to the College of Business, and will be considered on a case by case basis. Students working toward meeting the limited access criteria and who have completed 60 hours may be permitted to enroll in selected upper division courses.

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:
- BUL 3320 Law and Business I
- ECO 3100 Managerial Economics
- FIN 3403 Principles of Finance
- QMB 3200 Business and Economics Statistics II
- MAN 3025 Principles of Management
- MAR 3023 Basic Marketing
- ISM 3431 Management Science POM
- GEB 4890 Business Policy

Students must complete 18 hours of upper-level management courses beyond MAN 3025 Principles of Management.

Required Management Courses:
- MAN 3240 Organizational Behavior Analysis (3)
- Additional upper-level management courses (15-21)
- Total (18-24)


Students are encouraged to seek additional curriculum advice from the Management Department.

Sufficient additional business courses outside the student's major are required for a minimum total of 60 hours of business courses. A minimum of 54 hours of non-business courses, including calculus, speech communication, and advanced writing are required. The remaining electives for the 120-hour graduation requirement may be taken in business or non-business areas, but must include one course covering contemporary international issues.
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 / Coordinator of Advising, Business Administration, (813) 974-4290
- LAKELAND / Advisor, Business Administration, (941) 667-7011
- SARASOTA / Advisor, Business Administration, (941) 359-4331
- ST. PETERSBURG / Advisor, Business Administration, (727) 545-1542

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 and 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

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 2.5 all-college grade point ratio, and completed the above courses with a 2.0 GPA, no grade lower than a “C” and a 2.0 GPA in all work attempted at USF, including any credit prior to salvage. Students meeting all other requirements and with a cumulative grade point average between 2.3 and 2.5 may apply to the College of Business, and will be considered on a case by case basis. Students working toward meeting the limited access criteria and who have completed 60 hours may be permitted to enroll in selected upper division courses.

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:

- BUL 3320 Law and Business I
- ECO 3100 Managerial Economics
- FIN 3403 Principles of Finance
- QMB 3200 Business and Economics Statistics II
- MAN 3025 Principles of Management
- MAR 3023 Basic Marketing
- ISM 3431 Management Science POM
- GEB 4890 Business Policy

Students must complete a set of six MIS courses and two approved MIS electives.

Required MIS Courses:

- ISM 3230 Introduction to Business Application Development (3)
- ISM 3232 Advanced 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)
- Approved MIS Electives (6)

Total (24)

An approved 2-semester sequence in COBOL programming (two 3-hour courses) may be substituted for ISM 3232. An approved 2-semester sequence in COBOL is currently offered by the College of Engineering; however, these hours will NOT count as MIS or Business electives.

ISM (Introduction to 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.

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. No more than three hours of ISM 4905 may be counted as MIS electives (ISM 4905 will not count as an MIS elective).

Sufficient additional business courses outside the student’s major are required for a minimum total of 60 hours of business courses. A minimum of 54 hours of non-business courses, including calculus, speech communication, and advanced writing are required. The remaining electives for the 120-hour graduation requirement may be taken in business or non-business areas, but must include one course covering contemporary international issues.
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 / Coordinator of Advising, Business Administration, (813) 974-4290
LAKELAND / Advisor, Business Administration, (941) 667-7011
SARASOTA / Advisor, Business Administration, (941) 359-4331
ST. PETERSBURG / Advisor, Business Administration, (727) 545-1542

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 and 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

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 2.5 all-college grade point ratio, and completed the above courses with a 2.0 GPA, no grade lower than a "C" and a 2.0 GPA in all work attempted at USF, including any credit prior to salvage. Students meeting all other requirements and with a cumulative grade point average between 2.3 and 2.5 may apply to the College of Business, and will be considered on a case by case basis. Students working toward meeting the limited access criteria and who have completed 60 hours may be permitted to enroll in selected upper division courses.

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>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUL 3320</td>
<td>Law and Business I</td>
</tr>
<tr>
<td>ECO 3100</td>
<td>Managerial Economics</td>
</tr>
<tr>
<td>FIN 3403</td>
<td>Principles of Finance</td>
</tr>
<tr>
<td>QMB 3200</td>
<td>Business and Economics Statistics II</td>
</tr>
<tr>
<td>MAN 3025</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>Basic Marketing</td>
</tr>
<tr>
<td>ISM 3431</td>
<td>Management Science POM</td>
</tr>
<tr>
<td>GEB 4890</td>
<td>Business Policy</td>
</tr>
</tbody>
</table>

Students must complete a minimum of 18 hours in marketing beyond MAR 3023.

Required Marketing Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR 3823</td>
<td>Marketing Management</td>
</tr>
<tr>
<td>MAR 3613</td>
<td>Marketing Research</td>
</tr>
<tr>
<td>MAR 4824</td>
<td>Marketing Management Problems</td>
</tr>
<tr>
<td>Total</td>
<td></td>
</tr>
</tbody>
</table>

Students may specialize in any of the following areas: Industrial/Sales Management, Promotion, or Retailing.

Sufficient additional business courses outside the student's major are required for a minimum total of 60 hours of business courses. A minimum of 54 hours of non-business courses, including calculus, speech communication, and advanced writing are required. The remaining electives for the 120-hour graduation requirement may be taken in business or non-business areas, but must include one course covering contemporary international issues.
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 PROGRAMMING AND 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) 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)

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.

- English Composition (minimum grade of "C")
- MMC 3602 Mass Communications and Society

Prior to being admitted to the School of Mass Communications, a student must: Complete a minimum of 45 semester hours including all General Education requirements and six hours of English composition (with a minimum grade of "C"), earn a 2.7 overall GPA, and pass a School-administered English diagnostic test.

• 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 Diagnostic Test prior to entering MMC 2100 (Writing for Mass Media). (Students who transfer MMC 2100 or its equivalent must pass the Mass Communications 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 28 hours of a combination of required and selective sequence courses for a total of 34 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 50 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 34 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 34 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.

A maximum of nine semester hours in Mass Communications courses will be accepted from a community college or other lower-level program toward a degree in Mass Communications. It is suggested that the nine hours include the equivalent of the School core curriculum and one sequence introduction course. Approval by an appropriate advisor is required.

At least nineteen (19) hours of resident School courses are required.

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.

The School sequence requirements are:

School Core Curriculum
MMC 2100 Writing for the Mass Media
MMC 3602 Mass Communications and Society

Sequence Requirements
ADVERTISING REQUIREMENTS
ADV 3000 Introduction to Advertising
ADV 3101 Advertising Copywriting
ADV 3300 Advertising Media Strategy
ADV 4800 Advertising Campaigns
ADV 4940 Advertising Practicum
MMC 4203 Communication Ethics
MMC 4420 Research Methods in Mass Communications

Selective Requirements (9 hrs. required, selected with advisor's approval)
Note: The following courses are required outside the School to complete sequence requirements: ACG 3074 Managerial Accounting for Business Majors, ECO 1000 Basic Economics, and MAR 3023 Basic Marketing. See specific courses for prerequisites.

JOURNALISM REQUIREMENTS

News-Editorial Option

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOU 2100</td>
<td>Beginning Reporting</td>
<td>3</td>
</tr>
<tr>
<td>JOU 3101</td>
<td>Advanced Reporting</td>
<td>3</td>
</tr>
<tr>
<td>JOU 4104</td>
<td>Public Affairs Reporting</td>
<td>3</td>
</tr>
<tr>
<td>JOU 4200</td>
<td>News Editing I</td>
<td>3</td>
</tr>
<tr>
<td>MMC 4200</td>
<td>History and Principles of Communication Law</td>
<td>3</td>
</tr>
<tr>
<td>JOU 4206</td>
<td>Newspaper Design and Typography</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>PGY 3610</td>
<td>Photojournalism I</td>
</tr>
</tbody>
</table>

Selective Requirements (10 hrs. required, selected with advisor’s approval)

Magazine Option

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOU 2100</td>
<td>Beginning Reporting</td>
<td>3</td>
</tr>
<tr>
<td>JOU 3101</td>
<td>Advanced Reporting</td>
<td>3</td>
</tr>
<tr>
<td>JOU 3300</td>
<td>Magazine Article and Feature Writing</td>
<td>3</td>
</tr>
<tr>
<td>JOU 4200</td>
<td>News Editing I</td>
<td>3</td>
</tr>
<tr>
<td>MMC 4200</td>
<td>History and Principles of Communication Law</td>
<td>3</td>
</tr>
<tr>
<td>MMC 4420</td>
<td>Research Methods in Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>MMC 4936</td>
<td>Selected Topics in Mass Communications Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

Selective Requirements (7 hrs. required, selected with advisor’s approval)

Note: The following courses are required outside the School to complete sequence requirements: ECO 1000 Basic Economics, PHI 1103 Critical Thinking, POS 2041 American National Government, and POS 2112 State and Local Government or POS 3142 Introduction to Urban Politics and Government, and SYG 2010 Contemporary Social Problems. For Magazine sequence, CRW 2100 Narration and Description is also required. See specific courses for prerequisites.

PUBLIC RELATIONS REQUIREMENTS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV 3000</td>
<td>Introduction to Advertising</td>
<td>3</td>
</tr>
<tr>
<td>JOU 2100</td>
<td>Beginning Reporting</td>
<td>3</td>
</tr>
<tr>
<td>MMC 4420</td>
<td>Research Methods in Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>PUR 3000</td>
<td>Principles of Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>PUR 4801</td>
<td>Advanced public Relations</td>
<td>3</td>
</tr>
<tr>
<td>PUR 4100</td>
<td>Writing for Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>PUR 4401</td>
<td>Public Relations: Issues, Practices and Problems</td>
<td>3</td>
</tr>
</tbody>
</table>

Selective Requirements (7 hrs. required, selected with advisor’s approval)

Note: The following courses are required outside the School to complete sequence requirements: ECO 1000 Basic Economics, MAN 3025 Principles of Management, POS 2041 American National Government, and POS 2112 State and Local Government and Politics or POS 3142 Introduction to Urban Politics and Government.

TELECOMMUNICATIONS REQUIREMENTS

News Option

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 4200</td>
<td>History and Principles of Communication Law</td>
<td>3</td>
</tr>
<tr>
<td>MMC 4420</td>
<td>Research Methods in Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>RTV 3001</td>
<td>Introduction to Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>RTV 3301</td>
<td>Broadcast News</td>
<td>4</td>
</tr>
<tr>
<td>RTV 4301</td>
<td>TV News</td>
<td>3</td>
</tr>
</tbody>
</table>

Selective Requirements (12 hrs. required, selected with advisor’s approval)

Programming and Production Option

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTV 2100</td>
<td>Writing for Radio and TV</td>
<td>3</td>
</tr>
<tr>
<td>RTV 3001</td>
<td>Introduction to Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>RTV 3301</td>
<td>Broadcast News</td>
<td>4</td>
</tr>
<tr>
<td>RTV 4220</td>
<td>TV Production and Direction</td>
<td>3</td>
</tr>
<tr>
<td>RTV 4320</td>
<td>Electronic Field Production</td>
<td>3</td>
</tr>
<tr>
<td>RTV 4500</td>
<td>Telecommunications Programming</td>
<td>3</td>
</tr>
<tr>
<td>MMC 4200</td>
<td>History and Principles of Communication Law</td>
<td>3</td>
</tr>
<tr>
<td>MMC 4420</td>
<td>Research Methods in Mass Communications</td>
<td>3</td>
</tr>
</tbody>
</table>

Selective Requirements (3 hrs. required, selected with advisor’s approval)

Note: The following courses are required outside the School to complete sequence requirements:

For News: ORI 2000 Introduction to Communication as Performance, PHI 1103 Critical Thinking, POS 2041 American National Government, POS 2112 State and Local Government or POS 3142 Introduction to Urban Politics and Government, and SPC 2600 Public Speaking. For Programming and Production: CRW 2100 Narration and Description or ENC 3310 Expository Writing, and PHI 1103 Critical Thinking. See specific courses for prerequisites.

Selective Requirements (3 hrs. required, selected with advisor’s approval)

Note: Most Mass Communications courses have prerequisites. They are specified in the course description. Refer to each prerequisite listed to determine progressive prerequisites for each course.
MAJOR:
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, 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. A minimum of 12 hours of 4000 level or higher mathematics courses must be taken in residency and must be applicable to the major.

Mathematics Requirement (Min. 45 cr. hrs.)

Majors must complete the following core courses:
- COP 4313 Symbolic Computations in Mathematics (3)
- MAA 4211 Intermediate Analysis I (4)
- MAC 2311 Calculus I (4)
- MAC 2312 Calculus II (4)
- MAC 2313 Calculus III (4)
- MAP 2302 Differential Equations (3)
- MAS 3105 Linear Algebra (3)
- MAS 4301 Elementary Abstract Algebra (3)
- MAT 2936 Technology Seminar (1)
- MAT 4937 Mathematics Majors Seminar (1)
- MGF 3301 Bridge to Abstract Mathematics (3)
- MAT 4442 Introduction to Probability (3)

In addition, majors must complete three (3) courses from the following electives:
- CGS 3414 Problem Solving Using Pascal or C (3)
- MAA 4212 Intermediate Analysis II (3)
- MAA 4402 Complex Variables (3)
- MAD 4401 Numerical Analysis (4)
- MAD 4504 Theory of Computation (3)
- MAD 5305 Introduction to Graph Theory (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)
- MHF 5405 History of Modern Mathematics (3)
- MTG 4302 Introduction to Topology (3)
- STA 4321 Introduction to Statistics (3)
- STA 5166 Computational Statistics (3)
- STA 5228 Sampling Techniques (3)

Special topics courses, listed under MAT 4930, or other 5000-level mathematics courses can also be taken as electives, with the approval of an undergraduate advisor. In addition, one elective of high mathematical content can be taken from another department, with the approval of an undergraduate advisor and the chairman.

An undergraduate advisor will work with the student in recommending electives which are appropriate for the student’s interests and goals.

Mathematics-related Courses (6-8 cr. hrs.)

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.
MATHMATICS

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, 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 students to take those 5000 and 6000 level courses required for the MA degree during the last two years in the program. By awarding up to 20 hours of dual credit (undergraduate and graduate), the student also uses these courses to satisfy the requirements for the MA 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. A minimum of 12 hours of 4000 level or higher mathematics courses must be taken in residency and must be applicable to the major.

Mathematics Requirement (Min. 45 cr. hrs.)

Majors must complete the following core courses:

- COP 4313 Symbolic Computations in Mathematics (3)
- MAA 4211 Intermediate Analysis I (4)
- MAC 2311 Calculus I (4)
- MAC 2312 Calculus II (4)
- MAC 2313 Calculus III (4)
- MAP 2302 Differential Equations (3)
- MAS 3105 Linear Algebra (3)
- MAS 4301 Elementary Abstract Algebra (3)
- MAT 2936 Technology Seminar (1)
- MAT 4937 Mathematics Majors Seminar (1)
- MGF 3301 Bridge to Abstract Mathematics (3)
- STA 4442 Introduction to Probability (3)

In addition, majors must complete three (3) courses from the following electives:

CGS 3414 Problem Solving Using Pascal or C (3)
MAA 4212 Intermediate Analysis II (3)
MAA 4402 Complex Variables (3)
MAD 4401 Numerical Analysis (4)
MAD 4504 Theory of Computation (3)
MAD 5305 Introduction to Graph Theory (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)
MHF 5405 History of Modern Mathematics (3)
MTG 4302 Introduction to Topology (3)
STA 4321 Introduction to Statistics (3)
STA 5166 Computational Statistics (3)
STA 5228 Sampling Techniques (3)

Continued
Special topics courses, listed under MAT 4930, or other 5000-level mathematics courses can also be taken as electives, with the approval of an undergraduate advisor. In addition, one elective of high mathematical content can be taken from another department, with the approval of an undergraduate advisor and the chairman.

An undergraduate advisor will work with the student in recommending electives which are appropriate for the student's interests and goals.

Mathematics-related Courses (6-8 cr. hrs.)
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 2100 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 1005/2005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology
(MAC 2311* Calculus I (4)
MAC 2312* Calculus II (4)
Elective in Math (4)
Computer Programming Language (Microcomputer-based Fortran, Pascal, C or C++) (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.

- 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
Specialization (26 cr. hrs.):
MAC 2313 Calculus III (4)
MAD 3100 Discrete Mathematics (3)
MAS 3105 Linear Algebra (3)
MAS 4212 Geometry (4)

Professional Education Core (29 credit hours)
The required courses in the professional education core are as follows:
EDF 3214 Human Development and Learning (3)
EDG 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)
EDG 4909 Teaching LEP Students K-12 (3)
MAE 4940 Internship: Mathematics Education (10)
MAE 4936 Senior Seminar in Mathematics Education (2)

Mathematics Education (14 cr. hrs.):
MAE 4320 Middle School Methods (3)
MAE 4330 Senior High School Methods (3)
MAE 4551 Reading in Math (2)
MAE 4652 Technology for Teaching Secondary School Mathematics I (3)
MAE 4653 Technology for Teaching Secondary School Mathematics II (3)
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)  
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 have 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 following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Math

<table>
<thead>
<tr>
<th>Course at USF</th>
<th>Course at CC</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2281</td>
<td>MAC 2311</td>
<td>3</td>
</tr>
<tr>
<td>MAC 2282</td>
<td>MAC 2312</td>
<td>3</td>
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<td>MAC 2313</td>
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Physics

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Graphics

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<tr>
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Fortran

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</thead>
<tbody>
<tr>
<td>EGN 2210</td>
<td>COP 2202</td>
<td>3</td>
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</tbody>
</table>

• Admission Requirements to the University Program of Study  
This is a limited access program involving special admissions requirements. 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  
Students should complete and submit an Engineering Admissions Application to the College of Engineering Advising Office. Freshmen and Sophomores must submit copies of high school transcripts, SAT and ACT test scores to the College of Engineering, Advising Office. This is in addition to records requested by the University’s Admissions Office. Transfer applicants must furnish transcripts from previously attended institutions to the College of Engineering, Advising Office. This is in addition to transcripts sent to the University’s Admissions Office. Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL scores must be 550. Credentials must be received in Engineering Advising Office 30 days prior to the date of applicable term. Failure to comply will result in the application being denied by the College of Engineering. Credentials will be held for one year. If application is not updated within that year, credentials must be re-submitted.

Engineering Admissions Requirements  
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.

• Bachelor’s Curriculum Mechanical Engineering

<table>
<thead>
<tr>
<th>Course at USF</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHM 2045</td>
<td>General Chemistry I (3)</td>
</tr>
<tr>
<td>CHM 2045L</td>
<td>Chemistry Lab I (1)</td>
</tr>
<tr>
<td>CHM 2046</td>
<td>General Chemistry II (3)</td>
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<tr>
<td>CHM 2046L</td>
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<tr>
<td>EGN 2210</td>
<td>Computer Tools for Engineers (3)</td>
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<td>ENC 1101</td>
<td>Freshman English I (3)</td>
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<td>ENC 4931</td>
<td>Engineering Communications</td>
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<td>EML 3262</td>
<td>Kinematics and Dynamics of Machinery</td>
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<td>EML 3303</td>
<td>Mechanical Engineering Lab I</td>
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<td>EML 3500</td>
<td>Mach. Anal. and Des. I</td>
<td>(3)</td>
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<tr>
<td>EML 3701</td>
<td>Fluid Systems</td>
<td>(3)</td>
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<td>EML 4041</td>
<td>Computer Methods</td>
<td>(3)</td>
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<td>EML 4106</td>
<td>Thermal Systems and Economics</td>
<td>(3)</td>
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<td>EML 4142</td>
<td>Heat Transfer I</td>
<td>(3)</td>
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<td>EML 4302</td>
<td>Mechanical Engineering Lab II</td>
<td>(3)</td>
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<td>EML 4501</td>
<td>Machine Design</td>
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<tr>
<td>EML 4551</td>
<td>Capstone Design (MW/MI)</td>
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<td>MAC 2281</td>
<td>Engineering Calculus I</td>
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</tr>
<tr>
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<td>Engineering Calculus III</td>
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<td>MAP 2302</td>
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<td>PHY 3048</td>
<td>General Physics I</td>
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<td>Approved Design Elective</td>
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<td>*ALAMEA Perspectives Elective</td>
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<tr>
<td>*Fine Arts Elective</td>
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<tr>
<td>*Historical Perspectives Electives</td>
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<td>*Social Science Electives</td>
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<td>MW/MI</td>
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*Approved General Education Requirements
**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) Cell Biology with lab (e.g. PCB 3023, 3023L*) (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.
MENTAL RETARDATION (K-12) - SPECIAL EDUCATION

COLLEGE: EDUCATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK: NO

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 (Partial) / Advisor, Education, (941) 359-4331
- ST. PETERSBURG (partial) / 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.

  EDF 1005/2005 Introduction to Education
  EDG 2701 Teaching Diverse Populations
  EME 2040 Introduction to Educational Technology
  (Equivalent course or demonstrated competency may be substituted)

  In addition to these three education courses, students must also take:
  - a minimum of 9 hours in communications, including a speech course;
  - a minimum of 9 hours in mathematics, excluding MAT 1033 and a computer course;
  - a minimum of 9 hours in the natural and/or physical sciences, with a minimum of one associated lab;
  - a minimum of 9 hours in the humanities; and
  - a minimum of 9 hours in the social sciences, including a psychology or human growth and development course.

  These courses may meet General Education Requirements as well as fulfill Prerequisites.

  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 (31 credit hours)
  The required courses in the professional education core are as follows:

  EDF 3214 Human Development and Learning
  EDF 3604 Social Foundations of Education (Exit)
  EDG 4620 Curriculum and Instruction
  EDF 4430 Measurement for Teachers
  EEX 4070 Integrating Exceptional Students in the Regular Classroom
  EDG 4909 Teaching LEP Students K-12
  EDG 4909 Applied Linguistics
  EEX 4940 Internship: Exceptional Student Education
  EEX 4936 Senior Seminar in Exceptional Student Education

  Mental Retardation (MR Certification)
  Students seeking the B.S. degree with certification in MR are required to take the following courses:

  EEX 4011 Foundations of Special Education
  EEX 4221 Educational Assessment of Exceptional Students
  EEX 4243 Education of the Exceptional Adolescent and Adult
  EEX 4604 Behavior Management for Special Needs and at Risk Students
  EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues
  EEX 4846 Clinical Teaching in Special Education
  EMR 4011 Introduction to Mental Retardation
  EMR 4941 Undergraduate Supervised Practicum in Mental Retardation
  LAE 4314 Language Arts in Childhood Education
  MAE 4310 Teaching Elementary School Mathematics I
  RED 4310 Early Literacy Learning
  RED 4511 Literacy in the Intermediate and Middle Grades

  (1-6)
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.

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)
CHM 2211/2211L Organic Chemistry II (with lab)
MAC X311 Calculus I
MAC X312 Calculus 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 Microbiology B.S. Major
Department of Biology Courses - minimum 42 credit hours
BSC 2010 Biology I - Cellular Processes (3)
BSC 2010L Cellular Processes Laboratory (1)
BSC 2011 Biology II - Diversity (3)
BSC 2011L Diversity Laboratory (1)
MCB 3030 General Microbiology (4)
MCB 4115 Determinative Bacteriology (5)
MCB 4404 Microbial Physiology and Genetics (4)
MCB 4404L Microbial Physiology and Genetics Laboratory (1)
PCB 3023 Cell Biology (3)
PCB 3023L Cell Biology Laboratory (1)
PCB 3043 Principles of Ecology (3)
PCB 3063 General Genetics (3)

Ten (10) hours from the following list:
BCH 3023L Basic Biochemistry Laboratory (2)
BOT 4434 Mycology (3)
MCB 4502 Virology (3)
MCB 4910 Microbiology Undergraduate Research (1-4)
MCB 4934 Seminar in Microbiology (1)
MCB 5206 Public Health and Pathogenic Microbiology (3)
MCB 5815 Medical Mycology (3)
PCB 5235 Principles of Immunology (3)
ZOO 5235 Parasitology (3)

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
CHM 2041 General Chemistry I (3)
CHM 2045L General Chemistry I Laboratory (1)
CHM 2046 General Chemistry II (3)
CHM 2046L General Chemistry II Laboratory (1)
CHM 2210 Organic Chemistry I (3)
CHM 2210L Organic Chemistry I Laboratory (2)
CHM 2211 Organic Chemistry II (3)
CHM 2211L Organic Chemistry II Laboratory (2)
MAC 2233 Elementary Calculus I (3)
MAC 2234 Elementary Calculus II (3)
or
MAC 2281 Engineering Calculus I (3)
MAC 2282 Engineering Calculus II (3)
or

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<td>MAC 2312</td>
<td>Calculus II</td>
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<tr>
<td>or</td>
<td>MAC 2233 Elementary Calculus I</td>
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<tr>
<td>STA 2023</td>
<td>Introductory Statistics I</td>
<td>(4)</td>
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<td>or</td>
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<tr>
<td>BCH 3023</td>
<td>Introductory Biochemistry</td>
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</table>

Liberal Arts Courses - minimum 45 credit hours

Free Elective Courses needed to complete 120 credit hours.
MUSIC

COLLEGE:  FINEARTS
SCHOOL:  MUSIC
DEGREE:  BACHELOR OF MUSIC
OPTION/TRACK:  PERFORMANCE, COMPOSITION, JAZZ 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)

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.

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 audition but credit hours are not required. Other secondary instruments will not apply toward performance or 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.

- 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
- MVK 1111, 1112, and 2122 or MVK 1111r, 1112r, 2121r, and 2121r or MVK 1211 and 2211 Electives:  Music credits beyond those required may be used as program electives.

• 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.

The B.M. Degree (Performance, Composition and Jazz Studies)

General Requirements

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.

Promotion to the next higher level in applied music is made only upon the recommendation of a performance jury conducted by that concentration's faculty. Where appropriate for the degree, the student is required to complete a minimum of two semesters, but no more than three semesters at the 2000 or 3000 level of applied music. Failure to complete these levels within the three semester maximum brings automatic dismissal from the program. Students may repeat the 4000 level as necessary to fulfill the total credit hour requirement (3000 level for composition or music education).

Credit for only 2 semesters of applied music at the 1000, 2000, or 3000, levels will be applied toward the degree.

Core Requirements for all Performance, and Composition Concentrations

Music Theory (22)
- MUT 1111, 1112 Music Theory (3.3)
- MUT 1241, 1242 Aural Theory (1.1)
- MUT 2116, 2117 Music Theory (3.3)
- MUT 2246, 2247 Aural Theory (1.1)
- MUT 4571 Twentieth Century Practice (3)
- MUT 4411 or MUT 4421 Sixteenth Century Practice (3)
- Music Literature (3)
- MUL 2111 Introduction to Music Literature (3)

Music History (8)
- MUH 3301* Music History/Baroque and Classic (3)
- MUH 3302* Music History/Romantic and 20th Century (3)

*MUT 1121, 1122, 2126, or 2127, 2226, 2227 must be arranged through the School of Music. Secondary piano proficiency audition but credit hours are not required. Other secondary instruments will not apply toward performance or composition programs but may be applicable toward the Music Education degree (see Music Education program).

Core requirements for all performance, and composition concentrations.
MUH 3300 Music History: Medieval and Renaissance (2)
or
MUH 4058 Intercultural Music in the Twentieth Century (3)
or
MUH 4801 History of Jazz (3)
*Either course also satisfies 3 hours of Liberal Arts Exit Requirements in Major Works/Major Issues.

Conducting (2)
MUG 3104 Basic Conducting (2)

Senior Seminar (1)
MUS 4935 Music Senior Seminar (1)

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, 1112 Music Theory (3,3)
MUT 1241, 1242 Aural Theory (1,1)
MUT 2116, 2117 Music Theory (3,3)
MUT 2246, 2247 Aural Theory (1,1)
MUT 3641 Jazz Theory and Improvisation I (2)
MUT 3642 Jazz Theory and Improvisation II (2)
MUT 3333 Jazz Composition and Arranging I (3)
MUT 3354 Jazz Composition and Arranging II (3)

Music Literature (3)
MUL 2111* Introduction to Music Literature (3)
* This course also satisfies 3 hours of Historical Perspectives in the Liberal Arts Curriculum.

Music History (9)
MUH 3301* Music History/Baroque and Classic (3)
MUH 3302* Music History/Romantic and 20th Century (3)
MUH 4801 History of Jazz (3)
*Either course also satisfies 3 hours of Liberal Arts Exit Requirements in Major Works/Major Issues.

Conducting (2)
MUG 3104 Basic Conducting (2)

Senior Seminar (1)
MUS 4935 Music Senior Seminar (1)

Elective Hours in Music (9)

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 3201 for a total of 3 credits as a part of the Music Electives and MUO 3501 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 Piano Pedagogy I (4)
MVK 4641 Piano Pedagogy II (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 Advanced Jazz Improvisation I (2)
MUT 3664 Advanced Jazz Improvisation II (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 the studio of the Associate Director of Jazz Studies 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 Composition (6)
- MUC 4203 (3)
- MUC 4204 (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 and concurrent registration in MUS 2010 (recital attendance).

Composition Courses (24)
- MUC 2221 Composition (3)
- MUC 2301 Introduction to Electronic Music (3)
- MUC 3231 Composition (3)
- MUC 3401 Electronic Music-Analog Synthesis (3)
- MUT 4311 Orchestration (3)
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: 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.

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 audition but credit hours are not required. Other secondary instruments will not apply toward performance or 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.

EDF 1005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology
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 2248 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

• Admission Requirements to the University Program of Study
Admission will require an overall GPA of 2.5 with a minimum score of 840 on the SAT (950 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 940 on the SAT (1030 if taken after April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate.

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

Introduction/General Psychology and Sociology are recommended.

Music students must be accepted by audition in their performance area by the School of Music. A music theory placement examination will be administered prior to initial registration in the music theory course sequence.

• 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 similar musical potential in other people.

All students seeking a degree in music education are required to pass an audit 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 (see the specific requirements for MUS 2010 as set by the music faculty).

Note exceptions applicable to this program.

Professional Education Requirements

Lower Division

EDG 2701 Teaching Diverse Populations (3)
EDF 2005 Introduction to Education and Field Experience (3)
EME 2040 Introduction to Educational Technology (3)
MUE 2090 Theoretical Bases of Music Education (2)

Upper Division

EDF 3214 Human Development and Learning (3)
EDF 3604 Social Foundations of Education (3)
EDF 4430 Basic Concepts of Educational Measurements (3)
EEX 4070 Exceptional Students (2)
MUE 4936 Senior Seminar (3)
MUE 4940 Internship (9)

Music Education courses: (32-34 hours)

MUE 2090 Theoretical Bases of Music Education (3)
MUE 3421 Choral Materials Practicum (1)

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<td>Band Materials Practicum</td>
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<td>MUE 3423</td>
<td>Orchestra Materials Practicum</td>
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<td>MUE 4311</td>
<td>Music in the Elementary School</td>
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<td>MUE 4330</td>
<td>Classroom Music in the Secondary Schools</td>
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<td>MUE 4331</td>
<td>Choral Methods in the Secondary Schools</td>
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<td>MUE 4332</td>
<td>Instrumental Music in the Secondary School</td>
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<td>MUE 4936</td>
<td>Senior Seminar in Music</td>
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<td>MUE 4960</td>
<td>Internship: Music Education</td>
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<td>MUE 2450</td>
<td>Beginning Woodwind Techniques *</td>
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<td>MUE 3451</td>
<td>Advanced Woodwind Techniques</td>
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<td>MUE 2460</td>
<td>Beginning Brass Techniques **</td>
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<td>MUE 3461</td>
<td>Advanced Brass Techniques</td>
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*Not required of woodwind majors

**Not required of brass majors

Music courses (30+ hours)

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<td>MUH 2051</td>
<td>Folk and Traditional Music of World Cultures **</td>
<td>(3)</td>
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<td>MUH 3301</td>
<td>Music History/Baroque and Classic ***</td>
<td>(3)</td>
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<td>MUH 3302</td>
<td>Music History/Romantic and 20th Century ***</td>
<td>(3)</td>
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<td>MUL 2111</td>
<td>Introduction to Music Literature *</td>
<td>(3)</td>
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<tr>
<td>MUT 1111</td>
<td>Music Theory</td>
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<td>MUT 1112</td>
<td>Music Theory</td>
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<td>MUT 1241</td>
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<td>MUT 2247</td>
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*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.

***Either 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 and concurrent registration in MUS 2010.

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

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 (BASIC)

COLLEGE: NURSING
SCHOOL: NONE
DEGREE: 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 / 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 as listed under the heading “Specific 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 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.

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
DEP X004 Human Growth & Development or any Human Growth & Development course, 3 semester hours
CHM XXXX Comprehensive General Chemistry (CHM 1032 or higher), 4-6 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 prior to enrollment all those Liberal Arts courses required for admission to the major (for basic 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 basic 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 current licensure in Florida if enrolling in the program as a registered nurse.

• 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 and 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 3154 Pharmacology in Nursing Practice (2)
NUR 3215 Adult Health I (3)
NUR 3215L Clinical Practice in Adult Health I (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 4755C 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 4768 Critical Care (2)
NUR 4948L Preceptorship (2)

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
ST. PETERSBURG / Advisor, Nursing, (813) 553-3130
Sarasota/Advisor 941-917-1296
Lakeland/Advisor 941-667-7022 ext. 326
Pasco/Advisor 727-847-2727

• 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 as listed under the heading "Specific 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 prerequisite courses 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.

- 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
- DEP X004 Human Growth & Development or Any Human Growth & Development course, 3 semester hours
- CHM XXXX Comprehensive General Chemistry (CHM 1032 or higher), 4-6 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 prior to enrollment all state mandated common prerequisites with a grade of "C" or better (for basic 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 Liberal Arts courses required for admission to the major (for basic 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 current licensure in Florida if enrolling in the program as a registered nurse.

• 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 selected courses within the basic baccalaureate sequence. For example:

NUR 3064C Health Assessment (3)
NUR 3113 Culture of Nursing (2)
NUR 3145 Pharmacology (2)
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 4838 Leadership/Management (3)
NUR 4948L Preceptorship

A statewide AS to BS articulation agreement is under consideration. Registered nurse students should contact the Office of Student Affairs for advisement prior to enrollment.
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, Classical Greek, 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:

- PHI 3062 History of Philosophy: Ancient and Medieval (3)
- PHI 3420 History of Philosophy: Modern (3)
- PHI 2100 Introduction to Formal Logic (3)
- or
- PHI 5135 Symbolic Logic (3)
- PHI 4600 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)
- PHI 3062 History of Philosophy: Ancient and Medieval (3)
- PHI 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 complete the requirements for the Philosophy major in accordance with the following provisions: students must take either PHI 4440 Continental Philosophy or PHI 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 2600 Ethical Theory (3)
- PHI 3601 Contemporary Moral Issues (3)
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<tr>
<td>PHM3400</td>
<td>Introduction to Philosophy of Law</td>
<td>(3)</td>
</tr>
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</table>

**Group 3**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PHM3100</td>
<td>Social Philosophy</td>
<td>(3)</td>
</tr>
<tr>
<td>PHM4322</td>
<td>Ancient and Medieval Political Philosophy</td>
<td>(3)</td>
</tr>
<tr>
<td>PHM4331</td>
<td>Modern Political Philosophy</td>
<td>(3)</td>
</tr>
<tr>
<td>PHM4340</td>
<td>Contemporary Political Philosophy</td>
<td>(3)</td>
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<tr>
<td>PHP4788</td>
<td>Philosophy of Marxism</td>
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**Group 4**

<table>
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<tbody>
<tr>
<td>PHH4700</td>
<td>American Philosophy</td>
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<tr>
<td>PHP3786</td>
<td>Existentialism</td>
<td>(3)</td>
</tr>
<tr>
<td>PHP4000</td>
<td>Plato</td>
<td>(3)</td>
</tr>
<tr>
<td>PHP4010</td>
<td>Aristotle</td>
<td>(3)</td>
</tr>
<tr>
<td>PHP4410</td>
<td>Kant</td>
<td>(3)</td>
</tr>
<tr>
<td>PHP4740</td>
<td>The Rationalists</td>
<td>(3)</td>
</tr>
<tr>
<td>PHP4745</td>
<td>Empiricists</td>
<td>(3)</td>
</tr>
</tbody>
</table>

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.

EDF 1005/2005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology
(Equivalent course or demonstrated competency may be substituted)

Highly Recommended
BSC 3092 Human Anatomy and Physiology with Lab (3-4)
HSC 2400 First Aid (3)
PET 2622 Care and Prevention of Injuries (3)

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.

CORE COURSES FOR ALL TRACKS:
PET 3010 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 (4)
EDF 4430 Measurement for Teachers (3)
EDF 3604 Social Foundations of Education (3)
PET 3031 Motor Development & Assessment (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 Education (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 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.

  EDF 1005/2005 Introduction to Education
  EDG 2701 Teaching Diverse Populations
  EME 2040 Introduction to Educational Technology
  (Equivalent course or demonstrated competency may be substituted)

- 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.

  CORE COURSES FOR ALL TRACKS:
  PET 3010 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 (3)
  EDF 4430 Measurement for Teachers (3)
  EDF 4131 Learning and the Developing Adolescent (4)
  PET 3031 Motor Development & Assessment (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 Education (3)
  PET 3640 Adapted Physical Education (3)
  PET 3943 Physical Education Internship: Middle School (4)
  PET 4304 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 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</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>
</tbody>
</table>

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>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MAC 2313</td>
<td>Calculus III</td>
</tr>
<tr>
<td>PHY 2048/2048L</td>
<td>General Physics I with Lab or PHY 2048C</td>
</tr>
<tr>
<td>PHY 2049/2049L</td>
<td>General Physics II with Lab or PHY 2049C</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 Majors in Physics

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2048</td>
<td>General Physics</td>
</tr>
<tr>
<td>PHY 2048L</td>
<td>General Physics Laboratory</td>
</tr>
<tr>
<td>PHY 2049</td>
<td>General Physics</td>
</tr>
<tr>
<td>PHY 2049L</td>
<td>General Physics Laboratory</td>
</tr>
<tr>
<td>PHY 3221</td>
<td>Mechanics I</td>
</tr>
<tr>
<td>PHY 3323C</td>
<td>Electricity and Magnetism I</td>
</tr>
<tr>
<td>PHY 3822L</td>
<td>Intermediate Laboratory</td>
</tr>
<tr>
<td>PHY 4222</td>
<td>Mechanics II</td>
</tr>
<tr>
<td>PHY 4324C</td>
<td>Electricity and Magnetism II</td>
</tr>
<tr>
<td>PHY 4823L</td>
<td>Advanced Laboratory</td>
</tr>
<tr>
<td>PHY 4910</td>
<td>Undergraduate Research</td>
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<tr>
<td>PHY 4930</td>
<td>Physics Seminar</td>
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</table>

**Physics Electives**

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAP 2302</td>
<td>Differential Equations</td>
</tr>
</tbody>
</table>

1. The sequence PHY 2101 (2), PHY 2053 (3), PHY 2053L (1), PHY 2054 (3), and PHY 2054L (1) may be substituted for the sequence indicated.

2. Substitutions permitted subject to approval of advisor.

**Supporting Courses in the Natural Sciences**

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</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>MAC 2311</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MAC 2313</td>
<td>Calculus III</td>
</tr>
</tbody>
</table>

1. The sequence MAC 2281 Engineering Calculus I (3), MAC 2282 Engineering Calculus II (3), and MAC 2283 Engineering Calculus III (3) may be substituted for the sequence indicated.

**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.

**Free Electives**

Courses over and above required courses should be taken to complete a 120-hour program.

**Residency Requirement**

A minimum of 20 credit hours of physics courses (1 above) in residency.

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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>CHM 1045/1045L</td>
<td>General Chemistry I (with lab)</td>
</tr>
<tr>
<td>CHM 1046/1046L</td>
<td>General Chemistry II (with lab)</td>
</tr>
<tr>
<td>or CHM 1040 &amp; CHM 1041 or CHM 1045C or CHM 1045E</td>
<td></td>
</tr>
<tr>
<td>or CHM 1046C</td>
<td></td>
</tr>
<tr>
<td>or CHM 1046E</td>
<td></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 Majors in Physics  
Physics Courses (44 cr. hrs.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>PHY 2048</td>
<td>General Physics</td>
</tr>
<tr>
<td>PHY 2048L</td>
<td>General Physics Laboratory</td>
</tr>
<tr>
<td>PHY 2049</td>
<td>General Physics</td>
</tr>
<tr>
<td>PHY 2049L</td>
<td>General Physics Laboratory</td>
</tr>
<tr>
<td>PHY 3101</td>
<td>Modern Physics</td>
</tr>
<tr>
<td>PHY 3221</td>
<td>Mechanics I</td>
</tr>
<tr>
<td>PHY 3323C</td>
<td>Electricity and Magnetism I</td>
</tr>
<tr>
<td>PHY 3424C</td>
<td>Optics</td>
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<td>PHY 3822L</td>
<td>Intermediate Laboratory</td>
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<td>PHY 4222</td>
<td>Mechanics II</td>
</tr>
<tr>
<td>PHY 4324C</td>
<td>Electricity and Magnetism II</td>
</tr>
<tr>
<td>PHY 4523</td>
<td>Statistical Physics</td>
</tr>
<tr>
<td>PHY 4604</td>
<td>Introduction to Quantum Mechanics</td>
</tr>
<tr>
<td>PHY 4823L</td>
<td>Advanced Laboratory</td>
</tr>
<tr>
<td>PHY 4910</td>
<td>Undergraduate Research</td>
</tr>
<tr>
<td>PHY 4930</td>
<td>Physics Seminar</td>
</tr>
<tr>
<td>PHZ 5405</td>
<td>Solid State Physics I</td>
</tr>
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\[
\text{Supporting Courses in the Natural Sciences (20 cr. hrs.)}
\]

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<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>MAC 2311(\text{1})</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MAC 2312(\text{1})</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MAC 2313(\text{1})</td>
<td>Calculus III</td>
</tr>
<tr>
<td>MAP 2302</td>
<td>Differential Equations</td>
</tr>
</tbody>
</table>

\[
\text{Supporting Courses in the Natural Sciences (20 cr. hrs.)}
\]

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<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>MAC 2311(\text{1})</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MAC 2312(\text{1})</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MAC 2313(\text{1})</td>
<td>Calculus III</td>
</tr>
<tr>
<td>MAP 2302</td>
<td>Differential Equations</td>
</tr>
</tbody>
</table>

1. The sequence PHZ 2101 (2), PHY 2053 (3), PHY 2053L (1), PHY 2054 (3), and PHY 2054L (1) may be substituted for the sequence indicated.

2. Substitutions permitted subject to approval of adviser.

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.

Free Electives  
Courses over and above required courses should be taken to complete a 120-hour program.

Residency Requirement  
A minimum of 20 credit hours of physics courses (1 above) in residency.

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.

- Economics (any ECO) (6)
- ENC 1101 English I--Essay Writing (3)
- ENC 1102 English II--Essay Writing (3)
- Foreign Language I (4)
- Foreign Language II (4)
- Geography (any GEO) (3)
- History (any AMH or EUH) (6)
- POS 2112 State and Local Government (3)
- Psychology (any PSY) (3)
- Sociology (any SOC) (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 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.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPO 2002</td>
<td>Introduction to Comparative Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>or</td>
<td>INR 2002</td>
<td>Introduction to International Relations</td>
</tr>
<tr>
<td>POS 2041</td>
<td>American national Government</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 3713</td>
<td>Empirical Political Analysis</td>
<td>(3)</td>
</tr>
<tr>
<td>POT 3003</td>
<td>Introduction to Political Theory</td>
<td>(3)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POT 3013</td>
<td>Classical Political Theory</td>
<td>(3)</td>
</tr>
<tr>
<td>POT 4054</td>
<td>Modern Political Theory</td>
<td>(3)</td>
</tr>
<tr>
<td>POT 4064</td>
<td>Contemporary Political Thought</td>
<td>(3)</td>
</tr>
<tr>
<td>POT 4204</td>
<td>American Political Thought</td>
<td>(3)</td>
</tr>
<tr>
<td>POT 5626</td>
<td>Issues in Political Philosophy and Law</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Field II - Comparative Government and Politics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPO 4034</td>
<td>Politics of the Developing Areas</td>
<td>(3)</td>
</tr>
<tr>
<td>CPO 4930</td>
<td>Comparative Government and Politics of Selected Countries or Areas</td>
<td>(3)</td>
</tr>
<tr>
<td>CPO 5934</td>
<td>Selected Topics in Comparative Politics</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Field III - International Relations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INR 3102</td>
<td>American Foreign Policy</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 3038</td>
<td>International Issues and Actors</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 3336</td>
<td>Intelligence and U.S. Foreign Policy</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 3770</td>
<td>Comparative Military Systems</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 4035</td>
<td>International Political/Economy</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 4254</td>
<td>Africa in World Affairs</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Continued
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INR 4334</td>
<td>Defense Policy</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 4403</td>
<td>International Law</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 4502</td>
<td>International Organizations</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 5086</td>
<td>Issues in International Relations</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Field IV - American National and State Governments

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POS 2080</td>
<td>The American Political Tradition</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 2112</td>
<td>State and Local Government and Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 3173</td>
<td>Southern Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 3182</td>
<td>Florida Politics and Government</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 3273</td>
<td>Practical Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 3453</td>
<td>Political Parties and Interest Groups</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 4204</td>
<td>Political Behavior, Public Opinion, and Elections</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 4413</td>
<td>The American Presidency</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 4424</td>
<td>The American Congress</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 5094</td>
<td>Issues in American National and State Government</td>
<td>(3)</td>
</tr>
<tr>
<td>PUP 4323</td>
<td>Women and Politics</td>
<td>(3)</td>
</tr>
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</table>

Field V - Urban Government and Politics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>POS 3142</td>
<td>Introduction to Urban Politics and Government</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 3145</td>
<td>Governing Metropolitan Areas</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 4165</td>
<td>Community Leaders and Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 5155</td>
<td>Issues in Urban Government and Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>PUP 4534</td>
<td>Women and Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>URP 4050</td>
<td>City Planning and Community Development</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Field VI - Public Policy

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INR 3102</td>
<td>American Foreign Policy</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 4334</td>
<td>Defense Policy</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 3145</td>
<td>Governing Metropolitan Areas</td>
<td>(3)</td>
</tr>
<tr>
<td>PUP 4002</td>
<td>Public Policy</td>
<td>(3)</td>
</tr>
<tr>
<td>PUP 4007</td>
<td>Women and Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>PUP 4203</td>
<td>Environmental Politics and Policy</td>
<td>(3)</td>
</tr>
<tr>
<td>PUP 4323</td>
<td>Women and Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>PUP 4534</td>
<td>Women and Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>PUP 5607</td>
<td>Public Policy and Health Care</td>
<td>(3)</td>
</tr>
<tr>
<td>URP 4050</td>
<td>City Planning and Community Development</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Field VII - Law and Politics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INR 4403</td>
<td>International Law</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 3283</td>
<td>Judicial Process and Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 3691</td>
<td>Introduction to Law and Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 4614</td>
<td>Constitutional Law I</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 4624</td>
<td>Constitutional Law II</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 4693</td>
<td>Women and Law I</td>
<td>(3)</td>
</tr>
</tbody>
</table>

The following courses are not included within any of the seven fields, but may still be used as elective hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 3003</td>
<td>Introduction to Public Administration</td>
<td>(3)</td>
</tr>
<tr>
<td>PAD 4204</td>
<td>Public Financial Administration</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 3931</td>
<td>Selected Topics</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 4605</td>
<td>Independent Study</td>
<td>(1-3)</td>
</tr>
<tr>
<td>POS 4910</td>
<td>Individual Research</td>
<td>(1-3)</td>
</tr>
<tr>
<td>POS 4936</td>
<td>Senior Seminar</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 4941</td>
<td>Field Work</td>
<td>(3-15)</td>
</tr>
<tr>
<td>POS 4970</td>
<td>Honor Thesis</td>
<td>(3)</td>
</tr>
<tr>
<td>POT 4109</td>
<td>Politics and Literature</td>
<td>(3)</td>
</tr>
<tr>
<td>POT 4661</td>
<td>The Politics of Identity, Difference and Inequality</td>
<td>(3)</td>
</tr>
<tr>
<td>POT 4936</td>
<td>Selected Topics in Political Theory</td>
<td>(3)</td>
</tr>
</tbody>
</table>
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 area of Political Science offers a pre-law plan designed for the undergraduate considering a career related to law: Field VII of the undergraduate curriculum (Law and Politics). The courses making up the field are of particular interest to law-oriented students, but may be taken by others as well. Majors are guided to those courses which develop skills and provide information needed for good performance in the study of law. Students receive the skills and information needed for entry into a number of law-related positions in business and government. An integral part of this plan is a high degree of student access to the Political Science's pre-law advisor.

Prior to admission to law school, a student must take the Law School Admission Test (LSAT). This test is 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:

One year each, if offered, of:
- General Chemistry (CHM 2041, 2045L and CHM 2046, 2046L) (8)
- Organic Chemistry (CHM 2210, 2210L and CHM 2211, 2211L) (8-10)
- General Physics (PHY 2053, 2053L and PHY 2054, 2054L or PHY 2048, 2048L and PHY 2049, 2049L) (8)
- College Mathematics (some schools require calculus) (8)

Depending upon the professional school, additional science courses may be required or strongly recommended as indicated in the preceding sections. Exposure to a health profession is also required.

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.

• Health Professions Programs

The College of Arts and Sciences offers programs designed to prepare students for admission to professional schools of medicine, osteopathic medicine, dentistry, optometry, pediatric medicine, and veterinary medicine. Usually 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, but students should plan to also complete a degree while at USF because, while not specifying a major, professional schools prefer students with a bachelor's degree. 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. Furthermore, it is essential that students pursue courses developing a sense of understanding of cultural and humane values and basic social problems.

The College of Arts and Sciences provides academic advising in the Science Advising Center. 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, and each semester the office provides students with updated academic records. 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 faculty evaluations.
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 or Any other lower level Psychology course
- STA XXXX Any level Statistics course
- BSC XXXX Any level Biology course or Any lower level Zoology course

• 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 3044 (3 semester hours) and one of the following:
- INF 2101 Applied Psychology (3)
- PSY 2012 Introduction to Contemporary Psychology (3)
- PSY 3022 Contemporary Problems in Psychology (3)
- SOP 3742 Psychology of Women (3)

Methods Course Requirement (7 semester hours)
Successful completion of: PSY 3213 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)
- INF 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 Honors Seminar may not count toward the major.
- PSY 4205 Experimental Design and Analysis is recommended for students planning graduate training. Functional mathematics and biological science are also recommended.

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 Experimental Psychology and PSY 3213 Research Methods in Psychology. For students minoring in Psychology or those majoring in Interdisciplinary Social Sciences, a grade of “C” or better in any college-level statistics course will 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 necessary to complete the 36 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

• 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 (14 cr. hrs.)
RUS 3240 Conversation I (4)
RUS 4241 Conversation II (4)
RUT 3110 Russian Classics in English (3)
RUT 3111 Twentieth Century Russian Literature in English (3)

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 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 1005/2005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

(Equivalent course or demonstrated competency may be substituted)

Biology Education
BSC 2010* Biology I with lab (4)
BSC 2011* Biology II with lab (4)
BSC 2085* Human Anatomy Physiology (3)
CHM 2045* General Chemistry I with lab (4)
PHY 2053* General Physics I with lab (4)

Chemistry Education
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 (4)
BSC 2011* Biology II with lab (4)

Physics Education
BSC 2010* Biology I with lab (4)
CHM 2045* General Chemistry with lab (4)
CHM 2048* General Chemistry II with lab or (4)
BSC 2011* Biology II with lab (4)
PHY 2048* General Physics with lab and (4)
PHY 2049* General Physics with lab or (4)
PHY 2053* General Physics with lab and (4)
PHY 2054* General Physics with lab (4)

*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.

• 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

Course Requirements:

Science Specialization-Biology:
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 Calculus I (3)
One of the following:
CHM 2046 General Chemistry I w/Lab or (4)
PHY 2054 General Physics II w/Lab

Science Specialization-Chemistry:
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  Calculus I (3)

Science Specialization-Physics:
MAC 2281  Calculus I (3)
MAC 2282  Calculus II (3)
MAC 2283  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)

Science Education:
As a minimum, satisfactory completion of the following courses:
SCE 4237  Science, Technology, Society (Exit) (4)
SCE 4305  Communication Skills in Science (2)
SCE 4320  Teaching Middle Grade Science (3)
SCE 4330  Teaching Methods in Secondary School Science (3)

A Physics major will need a three credit hour course in computer applications in physics.

Professional Education Core (29 credit hours)
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)
EDG 4909  Teaching LEP Students K-12 (3)
SSE 4940  Internship: Science Education (10)
SSE 4936  Senior Seminar in Science Education (2)
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 1005/2005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology
  (Equivalent course or demonstrated competency may be substituted)
  - American Government (3)
  - Anthropology (3)
  - Geography (3)
  - Economics (3)
  - World/ European History (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.

- Introduction/General Psychology and Sociology are recommended.

Requirements for the B.S. Degree
Social Sciences Specialization

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 2010</td>
<td>American History I*</td>
<td>(3)</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>American History II*</td>
<td>(3)</td>
</tr>
<tr>
<td>GEA 2000</td>
<td>Global Geography</td>
<td>(3)</td>
</tr>
<tr>
<td>HUM 2211</td>
<td>Studies in Culture: World History I*</td>
<td>(3)</td>
</tr>
<tr>
<td>HUM 2243</td>
<td>Studies in Culture: World History II*</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 2112</td>
<td>State and Local Government</td>
<td>(3)</td>
</tr>
<tr>
<td>POS 2080</td>
<td>American Political Thought</td>
<td>(3)</td>
</tr>
<tr>
<td>HIS 4104</td>
<td>Theory of History</td>
<td>(4)</td>
</tr>
<tr>
<td>Any course from Africana Studies, American History or Latin American History**</td>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>AMH 3421</td>
<td>Early Florida History</td>
<td>(4)</td>
</tr>
<tr>
<td>AMH 3423</td>
<td>Modern Florida History I</td>
<td>(4)</td>
</tr>
</tbody>
</table>

One of the following:
- ANT 2000 Introduction to Anthropology or (3)
- ANT 2410 Cultural Anthropology

One of the following:
- ECO 1000 Basic Economics or (3)
- ECO 2013 Macroeconomics

One of the following:
- SYG 2000 Introduction to Sociology or (3)
- SYG 2010 Contemporary Problems

One of the following:
- POT 4054 Modern Political Thought or (3)
- POT 4064 Contemporary Political Thought or
- POT 4204 American Political Thought

*May be part of General Education Requirements
**Also meets General Education ALAMEA requirement

Continued
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.

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 4820 Curriculum and Instruction (3)
EDF 4430 Measurement for Teachers (3)
EEX 4070 Integrating Exceptional Students in the Regular Classroom (2)
EDG 4909 Teaching LEP Students K-12 (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 WORK

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
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.

SOW 3302, Introduction to Social Work and SOW 3203, American Social Welfare, must be taken at USF or another accredited institution and must be completed, earning a grade of “B” or better.

• 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 presocial work major. This is done by filing a declaration of major form with the College of Arts and Sciences, Records and Advising Office. All pre-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 foundation courses in the pre-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 major before taking core social work courses.

Admission requirements for the social work major are as follows:
1. A student must have completed a minimum of one semester as a pre-social work major;
2. A student must have completed required common prerequisites and foundation courses (see listing);
3. A student must complete an application for 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
Common Prerequisite Courses (P)
A student must successfully complete, by earning a “C” or better: One course in each of the following cognate areas or equivalency--

Human Biology:
- Food: Personal and Global Perspectives
- Sex and Today's World
- Principles of Biology for Non-majors
- Human Anatomy & Physiology
- Human Sexual Behavior

Political Science:
- American National Government
- State and Local Government and Politics
- Florida Politics and Government

Psychology:
- Introduction to Contemporary Psychology
- Contemporary Problems in Psychology
- Experimental Psychology
- Psychology of Adjustment

Sociology:
- Introduction to Sociology
- Contemporary Social Problems
- Social Psychology
- Sociology of Sex Roles
- Social Stratification
- Sociological Aspects of Deviance

Economics:
- Basic Economics - SS

Foundation Courses (P*) for Pre-Social Work Majors
1. A student must successfully complete by earning a “C” or better one of the following cross cultural courses or equivalency.
   - Introduction to the Black Experience
   - Social Institutions and the African-American Community
   - Black Women in America
   - Culture and Society in Africa
   - Racism in American Society
   - Blacks in the American Political Process

Continued
Anthropology:
- Introduction to Anthropology
- The Anthropological Perspective
- Cultural Anthropology
- Ethnic Diversity in the USA
- The Individual and Culture

Sociology:
- Racial and Ethnic Relations

Women’s Studies:
- Introduction to Women’s Studies
- Psychology of Women
- Women and Politics
- Issues in Feminism
- American Women in Contemporary Society I
- American Women in Contemporary Society II
- Literature by American Women of Color
- The Image of Women in Literature (also offered in English)
- Third World Women Writers (also offered in English)

2. Both of the following Social Work courses, earning a “B” or better:
   - American Social Welfare System
   - Introduction to Social Work

Core Courses (38 hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>SOW 3101</td>
<td>Human Behavior and the Social Environment I</td>
<td>(4)</td>
</tr>
<tr>
<td>SOW 3102</td>
<td>Human Behavior and the Social Environment II</td>
<td>(4)</td>
</tr>
<tr>
<td>SOW 4233</td>
<td>Social Welfare: Policy and Program</td>
<td>(4)</td>
</tr>
<tr>
<td>SOW 3401</td>
<td>Research and Statistics for Social Work</td>
<td>(4)</td>
</tr>
<tr>
<td>SOW 4341</td>
<td>Multi-Methods of Social Work Practice I: Micro-System Intervention</td>
<td>(5)</td>
</tr>
<tr>
<td>SOW 4343</td>
<td>Multi-Methods of Social Work Practice II: Macro-System Intervention</td>
<td>(5)</td>
</tr>
<tr>
<td>SOW 4510</td>
<td>Integrative Seminar</td>
<td>(3)</td>
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<tr>
<td>SOW 4510L</td>
<td>Field Placement</td>
<td>(6)</td>
</tr>
<tr>
<td>SOW 4522</td>
<td>Senior Seminar</td>
<td>(3)</td>
</tr>
</tbody>
</table>
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 2010 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)
  SYA 3010 Classical Theory (3)
  SYA 3300 Research Methods (Prerequisite: STA 2122 Social Science Statistics or its equivalent) (3)
  SYA 4935 Senior Seminar (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) (3)

  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.
• 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 Code</th>
<th>Course Title</th>
<th>Hours</th>
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<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>6</td>
<td></td>
</tr>
<tr>
<td>Beginning and Intermediate &quot;Target Language&quot;</td>
<td>14-19</td>
<td></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

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.
**SPECIFIC LEARNING DISABILITIES (K-12) - SPECIAL EDUCATION**

**COLLEGE:** EDUCATION  
**SCHOOL:** NONE  
**DEGREE:** BACHELOR OF ARTS OR BACHELOR OF SCIENCE  
**OPTION/TRACK:** NO  

**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)**  
  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 1005/2005 Introduction to Education  
  - EDG 2701 Teaching Diverse Populations  
  - EME 2040 Introduction to Educational Technology  

  (Equivalent course or demonstrated competency may be substituted)  

  In addition to these three education courses, students must also take:  
  - a minimum of 9 hours in communications, including a speech course;  
  - a minimum of 9 hours in mathematics, excluding MAT 1033 and a computer course;  
  - a minimum of 9 hours in the natural and or physical sciences, with a minimum of one associated lab;  
  - a minimum of 9 hours in the humanities; and  
  - a minimum of 9 hours in the social sciences, including a psychology or human growth and development course.  

  These courses may meet General Education Requirements as well as fulfill Prerequisites. 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 credit hours)  
  The required courses in the professional education core are as follows:

  - **EDF 3214 Human Development and Learning**  
  - **EDF 3564 Social Foundations of Education (Exit)**  
  - **EDG 4620 Curriculum and Instruction**  
  - **EDG 4430 Measurement for Teachers**  
  - **FLE 4315 Teaching LEP Students K-12**  
  - **EDG 4909 Applied Linguistics**  
  - **EEX 4940 Internship: Exceptional Student Education**  
  - **EEX 4936 Senior Seminar in Exceptional Student Education**

Specific Learning Disabilities (LD Certification)  
Students seeking the B. S. degree with certification in LD are required to take the following courses:

  - **EEX 4011 Foundations of Special Education**  
  - **EEX 4221 Educational Assessment of Exceptional Students**  
  - **EEX 4243 Education of the Exceptional Adolescent and Adult**  
  - **EEX 4604 Behavior Management for Special Needs and At Risk Students**  
  - **EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues**  
  - **EEX 4846 Clinical Teaching in Special Education**  
  - **ELD 4101 Introduction to Specific Learning Disabilities**  
  - **ELD 4941 Undergraduate Supervised Practicum in SLD**  
  - **LAE 4314 Language Arts in Childhood Education**  
  - **MAE 4310 Teaching Elementary School Mathematics**  
  - **RED 4310 Early Literacy Learning**  
  - **RED 4511 Literacy in the Intermediate and Middle Grades**
THEATRE

COLLEGE: FINEARTS
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 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.

Students need not have completed a concentration of courses in theatre in order to consider a Theatre major at USF. Admission to upper-level Theatre Performance program is by audition for each level of Scene Study. Admission to 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 (i.e., TPP 3111 Workshop in Text Analysis, or TPA 3004 Means of Visual Expression) 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. 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 or THE 2305, 3 semester hours
TPA 1290 Production Involvement or THE X925, 1 semester hour
TPA 2200 Theatre Crafts: Stagecraft or TPA 2210t, 3 semester hours
TPP 1190 Studio Theatre-Cast or TPP 2190, 1 semester hour
TPP 2100 Voice-Body-Improvisation 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, Theatre Arts, or Theatre Education. Common to all is the following core:

Core Curriculum (33 hours)
THE 2020 Introduction to Theatre (3)
THE 2305 Script Analysis (3)
TPA 2200 Intro to Technical Theatre I (3)
TPA 2200L Intro to Technical Theatre Lab I (1)
TPA 2211 Intro to Technical Theatre II (3)
TPA 2211L Intro to Technical Theatre Lab II (1)
TPP 2110 Voice-Body Improvisation (3)

Choice of one
THE 3110 Theatre History I -XMW (3)
THE 3120 Theatre History II -XMW (3)
TPP 2190 Studio Theatre Performance I (1)

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 -XLW (3)
THE 4401 O'Neill and After -6A -XMW (3)
THE 4435 Theatre of Pluralism -6A -XMW (3)
THE 4442 Comedy of Classic & Neoclassic Stage -6A -XLW (3)
THE 4480 Drama Special Topics (3)

Choice of one Theatre Historical Studies (TS):
THE 3110 Theatre History I -XMW (3)
THE 3120 Theatre History II (3)
THE 4320 Theatre of Myth and Ritual -6A -XMW (3)
THE 4180 Theatre Origins -6A -XMW (3)
THE 4905 Directed Studies -Theatre History Studies (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 or Theatre Historical Studies.

TPP 4293 Production Involvement II (1)
TPP 4193 Studio Theatre Performance II (1)

Choice of one:
THE 4180 Theatre Origins -6A -XMW (3)
THE 4562 Contemporary Performance Theory -6A -XMW (3)

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 Course Areas of Study:

Performance Area (BA Degree)
- TPP 3920 Acting Studio I (8)
- TPP 3921 Acting Studio II (8)
- Additional TPP Course (9)
- Free Elective (1)

Design Concentration (BA Degree)
- THE 4266 Architecture and Decor (3)
- THE 4264 Costume History (3)
- TPA 3004 Introduction to Design I (3)
- TPA 3006 Introduction to Design II (3)
- TPA 3208 Drafting and CAD I (3)
- TPA 4010 Design Studio I (3)
- Free Electives (2)
- Plus TWO of:
  - TPA 3231 Costume Construction (3)
  - TPA 3221 Lighting Theory and Practice (3)
  - TPA 3209 Drafting and CAD II (3)

B.F.A. Degree with Design Concentration
Note: 1) Language requirement not applicable for BFA degree; 2) With careful selection of General Education and Exit Courses the BFA may be achieved in 120 hours. See Advisor.

Theatre Core (33)
- THE 4266 Architecture and Decor (3)
- THE 4264 Costume History (3)
- TPA 3004 Introduction to Design I (3)
- TPA 3006 Introduction to Design II (3)
- TPA 3208 Drafting and CAD I (3)
- TPA 3296 Design Practicum (2)
- TPA 4010 Design Studio I (3)
- TPA 4011 Design Studio II (3)
- TPA 4012 Design Studio III (3)
- TPA 4298 Advanced Design Practicum (3)
- TPA Electives (2)
- Advised Other Electives (6)
- Plus TWO of:
  - TPA 3231 Costume Construction (3)
  - TPA 3221 Lighting Theory and Practice (3)
  - TPA 3209 Drafting and CAD II (3)

Theatre Arts Concentration (BA Degree)
The Theatre Arts 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.

Theatre Core (33)
- TPP Courses (3)
- THE, TPA, TPP Courses (9 must be at upper level) (18)
- Free Electives (5)

Theatre Education Concentration (BA Degree)
Completion of the Theatre Education concentration certifies students to teach in Florida, grades K-12. In addition to Department of Theatre requirements, students must complete the College of Education's lower level prerequisite courses and meet the upper level entrance requirements.

Theatre Core (33)

Specialization Courses in Theatre
- TPP 4310 Directing I (3)
- EDG 4320 Introduction to Creative Drama (3)
- THE 4761 Methods of Teaching Theatre to Adolescents (3)
- Additional Theatre Course (2)

Choice of one:
- TPP 3230 Laboratory Workshop in Theatre Performance (3)
- TPP 3155 Scene Study I (3)

Choice of one:
- THE 4723 Theatrical for Pre-Secondary Schools: Performance (3)
- THE 4722 Theatre for Pre-Secondary Schools: Production (3)

Professional Education Courses:
- EDF 1005 Introduction to Education (3)
- EDG 2701 Teaching Diverse Populations (3)
- EME 2040 Introduction to Educational Technology (3)
- EDF 3214 Human Development & Learning (3)
- EDF 3604 Social Foundations -XMW (3)
- EDF 3542 Philosophy of Education -XMW (3)
- EDG 4620 Curriculum and Instruction (3)
- EDF 4430 Measurement for Teachers (3)
- EEX 4070 Integrating Exceptional Students in the Regular Classroom (2)
- THE 4940 Internship (10-12)
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.

- EDF 1005/2005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology

Highly Recommended:
- BSC 3092 Human Anatomy and Physiology with Lab
- HSC 2400 First Aid
- PET 2622 Care and Prevention of Injuries

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.

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.

CORE COURSES FOR ALL TRACKS:
- PET 3010 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 (15)
- HUN 3201 Nutrition (3)
- PEM 2131 Weight Training (2)
- PEM 3940 Practicum in Health Promotion/Wellness (4)
- PET 3951 Communications Skill for Wellness Leaders (3)
- PET 3170 Aquatic Exercise (2)
- PET 3080 Survey of Wellness Programs (3)
- PET 3931 Teaching Aerobic Dance/Exercise (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
Degree: Bachelor of Arts

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 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 3010 Intro to Women's Studies
- Courses to improve reading and writing skills

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 3275 Women in the Developing World
- WST 4260 Research Issues on Women of Color
- WST 5266 Women of Color: Activism and Social Change

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 2309 The Female Experience in America
- 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 4263 Third World Women Writers

Psychology
- SYD 4800 Gender and Society
- WST 2380 Human Sexual Behavior
- WST 4320 Woman's Body/Woman's Mind
- WST 4350 Women and Science

Theory/Philosophy
- WST 4342 Classics in Feminist Theory
- PHI 4632 Feminist Ethics
- PHM 5125 Topics in Feminist Philosophy
- WST 5001 Feminist Research and Methodology
- WST 5318 Feminist Spirituality

The following courses, not included within the six areas of concentration, may be used to complete elective hours:
- WST 3010 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 2122 Social Science Statistics

Students electing to major in Women's Studies should consult the Undergraduate Advisor for timely scheduling of classes.
<table>
<thead>
<tr>
<th>LEGEND</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Symbol = Bachelor's Degree</td>
</tr>
<tr>
<td>-* = Track, Emphasis, Seq., Option, Concent., etc.</td>
</tr>
<tr>
<td>-M = No Bachelor's/5-year non-stop Master's Degree</td>
</tr>
<tr>
<td>Individually designed options in most Liberal Arts and Sciences also available at New College of USF.</td>
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</tbody>
</table>

**KEY TO UNIVERSITY ABBREVIATIONS**

| AM = Agricultural and Mechanical |
| FI = Florida International       |
| UF = University of Florida       |
| CF = Central Florida             |
| FS = Florida State               |
| FA = Florida Atlantic            |
| NF = North Florida               |
| FG = Florida Gulf Coast          |
| SF = South Florida               |

| A                                      |
| Accounting or Accountancy ... AM CF FA FG FI FS NF SF UF WF          |
| Accounting Info Systems (Comp Sys, Comp Info Sci, Bus) ... FG        |
| Acting/Directing (Theatre) ... CF-* FA-* FG '98 FI-* FS-* UF-*       |
| Actuarial Science (Math) ... AM-* FI-* FS-* UF-*                     |
| Administration and Supervision of Vocational Education ... FI-*       |
| Adult and Continuing Education ... AM                                |
| Adult Education (see Tech. & Vocational Studies) ... FI SF           |
| Advertising ... FA-* FI-* FS-* NF-* SF-* UF WF-*                     |
| Advertising & Public Relations (see Communications) ... CF-* FI-* FS-* NF-* WF-* |
| Aerodynamics (ASE) ... UF-*                                        |
| Aerospace Design ... UF-*                                         |
| Aerospace Engineering ... CF UF                                    |
| Aerospace Studies ... FS-*                                        |
| Africana Studies ... SF                                           |
| African Studies ... SF UF-*                                     |
| Afro-American Studies (see Black, Ethnic Studies) ... AM FI-* SF UF-* |
| Agri-Business ... AM UF-*                                         |
| Agricultural Business Management ... UF-*                          |
| Agricultural Education ... AM                                      |
| Agricultural Engineering ... UF AM                                 |
| Agricultural & Extension Education ... UF                         |
| Agriculture, General ... AM-* UF                                   |
| Agricultural Operations Management ... UF                          |
| Agricultural Production Management ... UF-*                        |
| Agricultural Plant and Process Management ... UF-*                 |
| Agricultural Sciences ... AM                                      |
| Agricultural Technical Sales & Product Support ... UF-*            |
| Agronomy ... AM UF                                                 |
| Alcohol/Drug Studies ... NF-*                                      |
| Allied Health Service (see Health) ... FA FG FI NF                 |
| American Government and Politics ... FS-*                          |
| American Politics and Policy (Political Science) ... CF-*           |
| American Studies ... FI-* FS SF UF                                 |
| Ancient Studies ... SF-*                                          |
| Animal Science ... AM UF                                           |
| Anthropology ... CF FA FI FS NF-* SF UF WF                          |
| Anthropology (Social Psychology) ... FA-*                          |
| Applied Anthropology ... SF-*                                     |
| Applied or Computer Mathematics (see Computer Science) ... UF-*      |
| Applied Economics ... FS-*                                        |
| Applied Mathematics (see Mathematics) ... CF-* FS-*                |
| Applied Music ... CF-* FA-* FI-* SF                               |
| Applied Physics ... SF-* UF-*                                     |
| Applied Social Sciences ... AM                                    |
| Applied Sociology ... WF-*                                       |
| Aquatics ... UF-*                                                  |
| Archaeology ... WF-*                                              |
| Architectural Studies ... AM FI                                   |
| Architecture ... AM UF FA                                         |
| Art ... CF FA FG FI FS NF SF UF WF                                 |
| Art Education ... AM CF FI FS NF SF UF WF-*                        |
| Art History ... CF-* FA-* FS NF SF UF WF-*                         |
| Art Therapy ... FS-*                                              |
| Art, Studio ... CF-* FA-* FI-* FS NF SF UF WF                      |
| Arts ( Humanities) ... CF-* FA                                    |
| Asian Studies ... FS NF-* UF SF-*                                  |
| Asian Studies and Business ... FS                                 |
| ASL Studies ... SF-*                                              |
| Astronomy ... UF                                                  |

See Legend and Key API-1
Athletic Administration . . . UF-*
Athletic Coaching . . . FS-* UF-*
Athletic Training . . . FS-* UF-* NF-*
Audiology (Speech Path & Aud; see Communicology & Comm Dis) . . . CF FS-M SF-(undergraduate tract) UF
Aural (Re)Habilitation (Deaf Education) . . . SF-M
Automation & Manufacturing Systems . . . UF-*
Avionics . . . UF-*

Bachelor of Independent Studies (see General Studies) . . . SF
Banking . . . FL-* SF-*
Behavior Disorders . . . FS
Bilingual Education . . . FL-*
Biochemical Sciences (Interdis.) . . . UF
Biochemistry . . . FS WF-
Biological Sciences . . . CF FA FI FS
Biology . . . AM CF-* FG FI FS-* NF SF WF
Biology (Preprof) Pre-Med/Dent, Opt . . . CF-* FA-* FG FI-* FS-* NF-* SF-* WF-*
Biology (Science Education) . . . CF-* FA-* FI FS NF* SF UF
Biology (Sci Ed & Biological Sci) . . . AM CF-* FI
Biomechanics . . . UF-*
Biomedical Engineering . . . AM SF-* UF-*
Biotechnology . . . SF-
Black Studies (see Afro-American Studies) . . . FL-* FS-
Botany (Agricultural) . . . UF
Botany (Biological Sciences) . . . CF-* FA-* FS-* UF
British Studies (London Center) . . . FS-
Broadcast News and Public Affairs . . . UF-*
Broadcasting (Communications - see Telecommunications) . . . FA-* FL-* FS-* NF-* SF-* UF WF-*
Build, Construct. (see Design Tech; Optr Tech) . . . FI NF UF WF-*
Business Administration (see Gen'l Mgt) . . . AM CF FA FG FI FS NF SF UF WF
Business and Asian Studies . . . FS
Business and English . . . FS
Business and Latin American and Caribbean Studies . . . FS
Business and Modern Languages . . . FS
Business Communication . . . (Comp Sys, Com, Info Sci) . . . FA-* SF- *
Business Economics . . . AM FA
Business Education (Office) . . . AM SF

Campus Recreation . . . UF-*
Cardiopulmonary Sciences (Respiratory Therapy) . . . CF
Caribbean Studies . . . FI-
Cell and Molecular Biology . . . FS-*
Ceramics (Art) . . . CF-* FA-* FS-* NF-* UF-*
Ceramics Specialty (Materials Engineering) . . . UF-*
Chemical Engineering . . . AM FS SF UF
Chemical Science . . . FS
Chemistry . . . AM CF FA FI FS NF SF UF WF
Chemistry (Science Ed) . . . AM CF-* FA-* FI FS NF* SF
Chemistry (Preprof) Pre-Med/Dent, Opt . . . CF-* FA-* FI-* FS NF* SF-* UF WF-*
Child Development . . . FS
Child Welfare (Social Work) . . . CF-*
Chinese . . . FS-
Choral Music Education . . . CF-* FS
Church Music . . . UF FS-
Civil Engineering . . . AM CF FI FS SF UF
Civil Engineering (see Environmental Eng) . . . SF-* FS-* UF FI
Civil Engineering Tech (see Design Tech & Env Contr Tech) . . . AM
Classical Archaeology . . . FS-
Classical Civilization . . . FS-
Classical Languages, Literature, and Civilization . . . FS
Classics . . . FS SF UF
Classics and Religion . . . FS
Clay (Art) . . . FS-
Clinical Chemistry . . . FI-
Clinical Community Dietetics . . . UF
Clinical Psychology . . . CF-
Clothing and Textiles . . . FS
Coaching (Athletics) . . . FS-* UF-*
Coastal & Oceanographic Engineering . . . UF-*
Commercial Graphics (see Graphic Design; Adv Design; & Art) . . . CF-
Communication (see Mass Com; Journalism; News-Editor, & Film) . . . CF FA FI
Communication Arts . . . WF
Communication Disorders . . . FS-M
Communication Sciences and Disorders . . . SF*-M (undergraduate major/tract)
Communication For Business . . . FS-*
Communication Studies . . . FS-*
Communications . . . CF FA FI FS NF SF
Communicative Disorders (see Audiology & Speech Path) . . . CF
Community Arts . . . CF-
Community College Teaching . . . FI-
Community Health . . . WF* NF-*
Community Health Education . . . FS-* UF-*
Community/School Psychology . . . AM
Comparative Sociology . . . FI-
Composite Materials . . . UF-*
Computer Engineering . . . CF FA FI FS-* SF UF/WF
Computer Engineering Technology . . . SF-*
Computer and Information Sciences . . . NF
Computer Information Sciences (LAS) . . . UF
Computer Information Sciences (BUS) . . . UF WF-*
Computer Information Engineering Sciences (EG) . . . UF
Computer and Information Systems . . . AM FA FG WF-*
Computer Science . . . AM CF FA FG FI FS NF-* SF WF
Computer Systems Technology . . . SF-*
Computers in Music . . . FS-*
Condominium, Cooperative, & Apartment Management . . . FI
Conducting . . . FI-
Construction Engineering Technology . . . AM WF*
Construction Management . . . FI NF
Construction Technology . . . AM
Consumer Affairs . . . AM FI*
Control of Dynamical Systems . . . UF-*
Corporation Finance . . . SF-*
Corrections (see Criminology) . . . FS-
Costume, Theatre . . . UF-* FA-*
Counselor Education . . . AM FG FI*
Craft Design (Art) . . . FS-*
Crafts (Fine Arts) . . . UF
Creative Photography . . . UF
Creative Product Design . . . UF-*
Creative Writing . . . FS-* SF-* FI
Criminal Justice . . . AM CF FA FG FI FS NF UF WF
Criminalistics (Chemistry) . . . FI-
Criminology . . . FS SF
Cultural Anthropology . . . WF*
Curriculum and Instruction . . . FG FI-
Czech . . . FS-*

Dairy Science (also Dairy Management) . . . UF
Dance Education . . . AM
Dance (Theatre) . . . FA-* FI UF
Dance, Ballet . . . FS SF
Dance, Modern . . . FS SF
Data Processing (see Computer Systems) . . . AM
Deaf and Disabled Studies . . . NF-*
Design Engineering Technology . . . CF-
Dietetics (Clinical or Community) . . . FS-* UF
Dietetics & Nutrition (see Nutrition & Dietetics) . . . FI FS-* NF-* UF
Drama (see Theatre) . . . AM FI NF-* SF WF-*
Drawing (Art) . . . CF-* FS-* NF-* UF
Driver Education . . . AM-* UF-*

Early Childhood Education . . . AM CF FG FS SF UF-* WF
Early Childhood Education (Elem) . . . FG FI SF WF
Early Music . . . FS-*
Ecology . . . FS-* NF-*
Economics . . . AM CF FA FI FS NF SF UF WF
Economics (Business) . . . CF FA NF SF UF WF
Economics (Social Studies Ed) . . . FA-
Editing (Journalism) . . . UF-*
Educational Administration and Supervision . . . FI-
Educational Leadership . . . AM FG FI-
Educational Interpreting . . . SF*
Electrical Engineering . . . AM CF FA FI FS NF SF WF/UF (UF degree at WF campus)
Electrical Engineering Technology . . . CF WF-*
Electrical Systems . . . CF-*
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<thead>
<tr>
<th>Course Title</th>
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<tbody>
<tr>
<td>Electromagnetics (Electrical Engineering)</td>
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<tr>
<td>Electronic Imaging (Art)</td>
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<tr>
<td>Electronic Materials Specialty (Mat. Engineering)</td>
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<tr>
<td>Electronics</td>
<td>FS-</td>
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<tr>
<td>Electronics Engineering Technology</td>
<td>AM-</td>
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<tr>
<td>Elementary Education</td>
<td>AM CF FA FI FS NF UF WF</td>
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<tr>
<td>Emergency First Aid &amp; Personal Safety</td>
<td>UF-*</td>
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<tr>
<td>Emergency Medical Services</td>
<td>UF-</td>
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<tr>
<td>Emotional Disturbance</td>
<td>FI FS</td>
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<td>Emotional Disturbance/Learning Disabilities</td>
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<td>Emotionally Handicapped (Educ.)</td>
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<td>Energy Conversion</td>
<td>UF-*</td>
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<td>Energy Management &amp; Planning</td>
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<tr>
<td>Engineering</td>
<td>CF FA FI FS NF SF UF</td>
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<td>Engineering, General (Topics)</td>
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<tr>
<td>Engineering Physics (Nuclear Engineering, Plasma, Fusion, Lasers, etc.)</td>
<td>UF-* WF-*</td>
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<td>Engineering Science</td>
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<td>Engineering Technology</td>
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<td>English</td>
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<td>English and Business</td>
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<td>English Drama</td>
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<td>English Education</td>
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<td>English for Non-English Speakers</td>
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<td>English-Language Arts Education</td>
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<td>English (linguistics Concentration)</td>
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<td>English (Literature Concentration) (see Literature)</td>
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<td>English (Writing Concentration)</td>
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<td>English (Tech Writing/Editing)</td>
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<td>Enterprise Economics</td>
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<td>Entomology and Nematology</td>
<td>UF</td>
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<tr>
<td>Entomology and Structural Pest Control</td>
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<td>Environmental Control Engineering Technology</td>
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<td>Environmental Engineering</td>
<td>CF FI- SF-* UF</td>
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<td>Environmental Health &amp; Safety Education</td>
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<td>Environmental Policy</td>
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<td>Environmental Resource Analysis (Geography)</td>
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<td>Environmental Science</td>
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<td>Environmental Studies</td>
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<td>European Studies</td>
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<tr>
<td>Evolution</td>
<td>FS-*</td>
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<tr>
<td>Exceptional Child Education (see Special Ed)</td>
<td>AM-* FG NF SF WF-*</td>
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<tr>
<td>Except. Childhood (See Special Education)</td>
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<td>Exceptional Student Education</td>
<td>CF FA FI</td>
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<tr>
<td>Exercise and Sport Science (Applied Careers)</td>
<td>UF WF-*</td>
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<tr>
<td>Exercise and Sport Science (Educ.)</td>
<td>UF</td>
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<tr>
<td>Exercise Physiology</td>
<td>FI-* FS UF-*</td>
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<tr>
<td>Exercise Science</td>
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<tr>
<td>Experimental Mechanics</td>
<td>UF-*</td>
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<tr>
<td>Experimental Psychology</td>
<td>FA</td>
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</tbody>
</table>

Family, Child and Consumer Sciences . . . FS
Fashion Design . . . FS-*
Fashion Merchandising . . . FS-*
Fibers (Art) . . . CF-* FS-*
Film Animation/General Production/Screenwriting . . . CF-*
Film (Art) . . . SF-*
Film (Communication) . . . CF WF-*
Film Studies . . . FA-* FS-*
Finance . . . CF FA FG FI FS NF SF UF WF
Financial Services . . . NF WF-*
Fine Arts (see Art, Music, Theatre) . . . AM CF FA FG FS NF SF UF WF
Flight Propulsion (ASE) . . . UF-*
Flight Structures (ASE) . . . UF-*
Floriculture & Foliage . . . UF-*
Fluid Mechanics . . . UF-*
Food Engineering . . . UF-*
Food Marketing and Distribution (FRE) . . . UF-*
Food and Nutrition . . . FS
<table>
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<th>Major</th>
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<td>Food and Resource Economics</td>
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<tr>
<td>Food Science</td>
<td>AM UF</td>
</tr>
<tr>
<td>Food Service/Restaurant Management</td>
<td>FI-</td>
</tr>
<tr>
<td>Foreign Governments</td>
<td>FS-</td>
</tr>
<tr>
<td>Foreign Language (see specific language)</td>
<td>NF-</td>
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<tr>
<td>Foreign Language Combination</td>
<td>CF</td>
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<tr>
<td>Foreign Language Ed (Mod Foreign Lang Ed)</td>
<td>FA- FI FS SF</td>
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<tr>
<td>Forensic Science</td>
<td>CF</td>
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<tr>
<td>Forensic Studies</td>
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Housing . . . FS
Human Factors Psychology . . . CF-*
Human Resources Management . . . CF-*  FA-*  FI-*  FS  SF-*
Human Sciences General . . . FS
Human Services . . . FG  SF-*
Humanities . . . CF  FA  FI  FS  SF
Humanities Interdisciplinary . . . WF
Humanities . . . AM

Illustration . . . . FS-*
Immunohaematology . . . FI-*
Industrial Arts Education . . . AM
Industrial Arts Vocational & Technical Education . . . AM
Industrial Design . . . AM
Industrial Engineering . . . CF  FS  SF  UF  FI
Industrial/Organizational Psychology . . . CF-*
Industrial Relations . . . SF-*
Industrial Sales Management . . . SF-*
Industrial Safety . . . FI-
Industrial and Systems Engineering . . . FI
Industrial and Technical Education . . . CF-*  NF  SF
Industrial Technology . . . NF
Information Science (Comp Sys)(see Comp Info Sci Eng) . . . NF-*
Information Studies . . . FS
Information Systems . . . CF-*  FS  NF-*  SF
Information Systems (Business) . . . FA  FI  SF
Information Systems Technology (Engr.) . . . CF-
Instructional Support . . . WF-
Instrumental Major, Applied . . . FA-*  SF  UF
Instrumental Music . . . AM-
Instrumental Music Education . . . CF-
Instrumentation of Mechanical Systems . . . UF-
Insurance . . . FS  SF-*  UF
Insurance & Risk Management . . . AM
Inter-American Studies (see Latin Amer Studies) . . . FI-
Interdisciplinary Biology . . . FI-*  SF
Interdisciplinary Business Administration . . . SF
Interdisciplinary Chemistry . . . FI-*  SF
Interdisciplinary Geology . . . SF
Interdisciplinary Humanities . . . FA  WF
Interdisciplinary Major (LAS) . . . UF
Interdisciplinary Mathematics . . . SF
Interdisciplinary Medical Illustration . . . UF
Interdisciplinary Physics . . . FS  SF
Interdisciplinary Science . . . FG  NF  WF
Interdisciplinary Social Sciences . . . FA  FG  FS  SF  WF
Interdisciplinary Studies . . . SF
Interior Design . . . FI  FS  UF
Internal Combustion Engines . . . UF-
International Affairs . . . FS
International Agriculture & Business Entrepreneurship . . . AM
International Bank Management . . . FI-
International Business . . . FA  FI  NF
International Development Education . . . FI
International Relations (Political Science) . . . CF-*  FI  SF-*
International Studies . . . FI  SF  WF  NF
Interpersonal Communication . . . CF  FS-
Interpretation for the Deaf . . . SF-
Italian . . . CF-*  FA*  FS  SF
Italian and Business . . . FS
Italian Studies (Florence Center) . . . FS-*

Japanese . . . FA*  FS-
Jazz Studies Composition . . . AM  SF-
Jazz Studies Performance . . . AM  FA*  FS-*  NF  SF-
Jewish Studies (see Judaic Studies) . . . FA*  FI-*  UF-
Journalism (see Mass Com) . . . AM  CF  FI-*  SF-*  UF  WF-
Journalism (Communication) . . . CF  FI-*  NF-*  WF-
Journalism Education . . . UF-
Judaic Studies . . . CF-*  FA*  SF-*  FL-
Junior High/Middle School Education . . . NF
Junior High/Middle School Science Education . . . FS NF*

K - L

Labor Studies . . . FI-*
Landscape Architecture . . . AM UF FI
Landscape Design & Management . . . AM
Languages (see Individual Lang) . . . FA FI FS NF SF UF
Latin . . . FS SF
Latin American and Caribbean Studies . . . FG* FI-* FS SF-*
Latin American and Caribbean Studies and Business . . . FS
Latin American Studies . . . CF-* FA-* SF-* UF-*
Law and Society . . . FS-* FI-
Law Enforcement (see Criminal Justice/Criminology) . . . CF-* FA-* FI FS-* WF-*
Learning Disabilities (Except Child Ed) . . . CF-* FA-* FI FS NF-* SF UF WF-*
Legal Administration . . . WF
Legal Studies . . . CF
Legal Translation & Court Interpreting . . . FI-*
Leisure Services and Studies . . . FS
Leisure Studies . . . WF-*
Liberal Arts . . . CF-* FA WF-*
Liberal Studies . . . FG FI NF SF WF*
Limnology (Fresh Water Ecology) . . . CF-*
Linguistics . . . FA FI-* FS-* UF-*
Literature . . . CF-* FI-* FS-* NF
Literature, English and American . . . FA* SF-*

M

Machine Design . . . UF-*
Magazine (Journalism) . . AM-* UF-*
Magazine (Public Relations) . . SF-* UF-*
Management . . . AM CF FA FG FI FS NF SF UF WF
Management and Consumer Affairs . . . FI-
Management Engineering Technology . . . SF-*
Management Information Systems . . . AM CF-* FI FS SF WF
Managing Quality Health Care Systems . . . FI-
Manufacturing Engineering Technology . . . WF*
Marine Biology (Biological Science) . . . FA-* FS-* SF-* WF NF-*
Marine Science . . . FI-* NF-*
Marketing . . . AM CF FA FG FI FS NF SF UF WF
Marketing Communications . . . FS-*
Marketing Management . . . FA* FS-*
Marketing Research . . . FS-*
Mass Communications(see Communications, Journalism) . . . AM-* FA-* FI FS SF WF-*
Materials Science and Engineering . . . SF-* UF
Mathematical Science . . . FI
Mathematics . . . AM CF FA FI FS NF SF UF WF
Mathematics Education/Secondary . . . AM CF FA-* FI FS NF SF UF WF*
Mathematics Ed Elem/Middle School Specialist . . . FS NF*
Mechanical Engineering . . . AM CF FA FI FS SF UF
Media Communication . . . FS-*
Media Performance . . . FS-*
Media Production . . . FS-*
Medical Lab. Sciences . . . CF UF FI
Medical Record Administration . . . AM FI
Medical Record Coding . . . FI-
Medical Sciences, Program in . . . FS-*
Medical Technology . . . FA FG FI SF WF
Medieval Studies . . . (New College)
Mental Handicaps . . . WF*
Mental Retardation (Except Child Ed/Special Ed) . . . CF-* FA-* FI FS NF-* SF UF
Metals Specialty (Materials Engineering) . . . UF-*
Meteorology . . . FS
Microbiology . . . SF WF-*
Microbiology (Biological Sciences) . . . FA-* FS-* WF-* FI-*
Microbiology & Cell Science . . . UF
Middle School Education . . . AM-* NF* WF
Middle School/Junior High School Education . . . FS
Military Science . . . FS-* NF*
Modern Foreign Language Education . . . SF FI-
Modern Languages (see Fre/Spa/Ger/Heb/Ita/Port) . . . FI FS SF
Modern Languages and Business . . . FS
Molecular Biology . . . CF FS-* WF (and Microbiology) NF-*
Motion Picture Technology (See Film) . . . CF
Motion Picture, Television, and Recording Arts . . . FS
Motor Disabilities (Educ.) . . . UF-*
Multilingual/Multicultural Education . . . FS
Multinational Business . . . FS
Music . . . AM CF FA FI FS NF SF UF WF
Music (College of Arts and Sciences) . . . CF FI
Music, Applied Instrument . . . CF-* FA-* FI-* FS-* NF-* SF
Music, Applied Voice . . . AM-* CF-* FA-* FI-* FS NF-* SF
Music Business . . . FA*
Music Composition (see Music Theory & Comp) . . . AM CF-* FI-* SF SF-*
Music Education . . . AM CF FA* FI FS NF SF UF WF-*
Music Education (Instrumental) . . . CF-* FS SF
Music Education (Vocal) . . . CF-* FS SF
Music History (Music) . . . FA-* FI-*
Music History and Literature . . . FS UF
Music (Keyboard) . . . CF-* FA-* SF-*
Music of the Americas . . . FS-
Music Performance (Instruments/Keybd/Voice) . . . CF-* FA-* FI-* FS NF-* SF-* UF WF-*
Music, Popular Music and Jazz . . . FA-* SF-
Music Theatre (Music) . . . FS
Music Theatre (Theatre) . . . FS UF-
Music Theory . . . FS
Music Theory and Composition . . . FA-* FI-* UF
Music Therapy . . . AM FS
Music (Voice) . . . AM CF-* FA-* FS NF-* SF UF

Natural Resource Management . . . UF
Natural Resources & Environmental Economics . . . UF-*
Natural Science . . . WF-*
Navy Science . . . NF-
Neurobiological Sciences (Interdis) . . . UF
Neuroscience . . . FS-
News-Editorial (see Communications; Journalism) . . . CF-* SF-* UF
Nuclear & Electrical Power Engineering . . UF-
Nuclear Engineering . . . UF
Nuclear Engineering Science . . . UF
Nursery & Landscape . . . UF-
Nursery Management and Landscape Horticulture . . . UF-
Nursing . . . AM CF FA FG FI FS NF SF UF
Nursing (R.N. Track) . . . FA FS NF
Nursing (for RN's)(see Health Admin) . . . CF FA FI FS NF SF UF WF
Nutrition and Dietetics . . . FI FS-* NF-* UF-
Nutrition and Fitness . . . FS-
Nutritional Science . . . UF-

Occupational Therapy . . . AM FG '98 FI UF
Ocean Engineering . . . FA
Oceanographic Engineering (Eng Sci) . . . UF-
Oceanography (Interdisciplinary Options in Chemistry and Physics) . . . FS-
Operations Engineering Technology . . . CF-
Operations Management . . . FS
Operations Research . . . UF-
Optics & Lasers . . . UF-
Oral Interpretation (Theatre) . . . FA-
Organizational Communications . . . (Communications) CF WF-
Organizational Training . . . FI-
Ornamental Horticulture . . . AM UF
Ornamental Horticulture (Turfgrass Production & Maintenance) . . . UF-
Orthodontics/Prosthetics . . . AM

Painting (see Art) . . . CF-* FA-* FS-* NF-* SF-* UF-*
Parks & Recreation Management . . . FI
Pastoral Studies . . . WF-
Patient Health Education . . . UF-
Peace Studies . . . FS-
Performance Option Theatre . . . CF-* UF-
Personnel Management (see Human Resources Mgt) . . . FI
Pest Control & Business (Entomology) . . . UF-
Pharmacological Sciences . . . UF
Pharmacy . . . AM UF
Philosophy . . . AM CF FA FI FS NF SF UF WF
Philosophy and Religion . . . AM
Photography (Art) . . . CF-* FA-* FI-* FS-* NF-* SF-*
Photography & Cinematography . . . FS-* SF-*
Photography, Creative . . . SF-* UF-*
Photojournalism, News-Editorial (see Comm; Mass Comm) . . . CF-* SF-* UF-*
Physical Education . . (see Exer. Sci./Well. Ed) AM-* CF FI FS NF SF UF WF
Physical Education for the Handicapped . . . UF-*
Physical Fitness Specialist (See Exercise Physiology) . . . UF-*
Physical Rehabilitation . . . FS-*
Physical Therapy . . AM CF FA FI NF UF
Physician Assistant . . . AM UF
Physics . . AM CF FA FI FS NF SF UF WF
Physics (Science Ed) . . AM CF-* FA-* FI FS NF SF
Physics, Interdisciplinary . . . FS
Physiology . . . FS-*
Piano Pedagogy . . . FS-*
Piano Technology . . . FS-*
PIMS . . . FS-* FW-* WF-*
Planning . . . FS-*
Plant and Process Management (Ag Mgmt) . . . UF-*
Plant Pathology . . . UF
Plant Sciences . . . FI-* UF WF*
Political Behavior . . . FS-*
Political Science . . AM CF FA FI FS NF SF UF WF
Political Science Education . . . AM
Political Science (Social Studies Ed) . . . FA-* SF
Political Science/Public Management . . AM
Political Theory (Political Science) . . . CF-*
Polymer Science Specialty (Materials Engineering) . . . UF-*
Portuguese . . . FI FS-*
Postharvest Operations (Ag Eng) . . . UF-*
Poultry Science - Management or Business . . . UF
Poultry Science - Production . . . . UF
Power and Machinery (Ag Eng) . . . UF-*
Pre-Chiropractic . . . CF-* FA-*
Pre-Dentistry (see Bio/Chem-preprof) . . AM CF-* FA-* FI-* FS-* NF-* SF-* WF-*
Pre-Engineering . . . FS-* NF-* SF-* WF-*
Pre-Kindergarten, Primary Education . . . NF-* WF
Pre-Law . . . AM-* CF-* FA-* FG FI-* FS-* NF-* SF-* WF-*
Pre-Medical Engineering . . . SF-* UF-*
Pre-Medicine (see Bio/Chem-preprof) . . AM-* CF-* FA-* FI-* FS-* NF-* SF-* WF-*
Pre-Optometry (see Bio/Chem pre-prof) . . CF-* FA-* FS-* NF-* SF-* WF*
Pre-Osteopathic Medicine . . . CF-* FA-* NF-* SF-
Pre-Pharmacy . . . CF-* FS-* NF-* WF*
Pre-Physical Therapy . . . FG NF-* WF*
Pre-Podiatric Medicine . . . CF-* FA-* SF-* WF*
Pre-Professional (see Pre-Med) . . . CF-* FA-* FI-* FS-* NF-* SF-* WF-*
Pre-Veterinary Medicine . . . AM-* CF-* FA-* FI-* FS-* NF-* SF-* UF-* WF-*
Printmaking . . . UF-*
Printmaking (Art) . . . CF-* FA-* FS-* SF-*
Probation & Parole . . . . WF*
Production & Manufacturing . . . FI-
Production & Operations Management . . . CF-* SF-*
Professional and Technical Writing . . . SF-*
Propulsion . . . UF-*
Prosthetics and Orthotics . . . FI
Psychobiology . . . (New College) FA
Psychology . . . AM CF FA FG FI FS NF SF UF WF
Psychology (Soc Studies Ed) . . . FS-*
Public Administration . . . CF FI FS-* NF-* SF-* UF-*
Public Health . . . FI
Public History . . . . WF-*
Public Management . . . . FA
Public Policy . . . . FS-* SF-* FI-
Public Relations (see Communications) . . AM-* CF-* FI-* FS-* NF-* SF-* UF WF-*
Public Service . . . . FS-* WF*
Purchasing Management . . . . FS-*

Radiation Physics . . . . FS-*
Radiation Protection/Nuclear Eng Sciences (Health Physics) . . . UF-*
Radiation Therapy . . . . CF-*
Radio/Television (Communications) . . . CF NF-* WF-* (see Broadcasting)
Radiologic Sciences . . . . CF
Reading . . . . AM-*
Reading Education . . . . FI
Real Estate . . . . FA FS NF-*
Real Estate & Urban Analysis . . . . UF
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Visual Disabilities . . . FS
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Vocational Industrial Education . . . AM CF FI
Vocational and Technical Education . . . NF
Vocational Studies . . . WF
Voice, Applied . . . CF-* FA-* FS SF-* UF NF*

Wave Propagation . . . UF-*
Wellness (Leadership . . . SF-*) & Exercise Science . . . FA UF
Western European Studies . . . UF-*
Western Soc. and Political . . . FI-*
Wildlife Ecology . . . UF
Wind Engineering . . . UF-*
Women's Studies . . . CF-* FA-* FI-* FS-* NF-* SF WF-*
World Regions and Issues (Geography) . . . FA-*

Zoology . . . UF
Zoology (Biological Sciences) . . . CF-* FA-* FS-*