College of Liberal Arts and Sciences

The College of Liberal Arts and Sciences at The University of Tampa provides an excellent liberal arts foundation for all students through 57 degree and certificate programs, as well as the First-Year Experience. Students obtain communication and critical thinking skills through innovative programs in the Humanities, visual and performing arts, education, languages, and the health, natural and social sciences.

Highly qualified and experienced faculty encourage students’ intellectual growth through learning partnerships and an educational experience that emphasizes global awareness, experiential opportunities, undergraduate research and study abroad.
Educational Goals

The College of Liberal Arts and Sciences is central to the liberal arts tradition of The University of Tampa. The College provides programs of study in the arts, humanities, social sciences, mathematics, natural sciences and several professional areas. The liberal arts experience at UT is further enhanced by the baccalaureate core experience, various academic enrichment programs and extensive faculty-student mentoring. This enriched environment supports the development of personal and professional goals and an appreciation for life-long learning.

The College is committed to advancing the following values in its pursuit of academic prominence and student success:

- **Academic Excellence**, as evidenced in an exceptional faculty, academically motivated students and technologically advanced learning facilities.
- **Liberal Learning**, achieved through a well-rounded baccalaureate core, innovatively designed undergraduate and graduate programs, and a commitment to undergraduate education as preparation for fulfilling and ethically responsible living.
- **Intellectual Growth**, promoted by close faculty-student interaction and a collaborative academic climate fostering mutual regard and open exchange between faculty and students.
- **Cultural Diversity**, demonstrated by a divergence of cultural perspectives among members of the campus community, respect for racial, ethnic and religious individual differences, and attention to the international scope of knowledge.
- **Community Engagement**, accomplished through a highly visible college presence in the local community, a strong sense of civic obligation among faculty, staff and students, and experientially based learning opportunities for all students.

Internship and Practical Opportunities

Internships within the academic major and area of concentration are actively encouraged and aided by the College and by individual departments. Beginning in the junior year, students meeting departmental eligibility requirements may register for internship credit within the major area, up to a maximum of 16 credit hours that can count toward a degree program. A major area may have a lower maximum number of credit hours allowable for internship credit that cannot be exceeded. Interested students should consult with the appropriate department chair or departmental internship coordinator for more information regarding departmental policies.

Institute for Community Research

The Institute for Community Research was established by the College of Liberal Arts and Sciences in January of 1993 to provide research services to governments, organizations and businesses. The primary mission of the institute is to provide educational experiences for students. Projects provide students with opportunities to develop advanced skills in research methods, project management, personnel development, negotiation and presentation.

Department of Art

**Faculty:** Associate Professor Harris, Chair; Professors DeMeza, King; Associate Professor Chastain; Assistant Professors Sutherland, Echeverry

The primary goals of the art program are to develop and nurture in students a sense of creative adventure, the stimulation of ideas through image-making, the process of communicating these ideas effectively, and the importance of continued creative development as a way of life.

Degrees Offered

The College offers degree programs resulting in Associate of Arts, Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Science in Nursing and Master of Science in Nursing.
EMAT: Electronic Media Art and Technology

EMAT is an interdisciplinary program including courses offered in art, communication, information and technology management, music and writing. The program emphasizes design and production for interactivity and Web-based products for both commercial and artistic intent. It reflects the convergence between these areas in academic scholarship, aesthetic exploration, and technical applications. The history, theory and mythologies of interactivity and the Internet are explored in order to provide a context for the projects the students produce both individually and collaboratively. Please see EMAT after the Department of Education.

Art - BFA Degree Program

Requirements for a major in art:
ART 153, 154 Drawing ..................... 8
ART 200 Ceramics .......................... 4
ART 201 Painting ........................... 4
ART 202 Sculpture ......................... 4
ART 203 Printmaking ..................... 4
ART 204 Design ............................. 4
ART 210 Beginning Computer Graphics .......................... 4
ART 304 Advanced Drawing ........... 4
ART History .................................... 12
Additional ART courses for concentration* .................................. 12
ART electives ................................... 12

Sem. Hrs. 72

*The areas of concentration are drawing, painting, printmaking, sculpture, ceramics and photography. An internship program is available that allows selected students to gain experience for credit in several art-related fields.

To receive Florida state teacher certification, students should consult with the University's Department of Education or the appropriate section of this catalog for additional course requirements.

Upon Entry into the Junior Year

Art students must submit a portfolio that includes pieces from each studio course taken at the University, as well as from any college or university from which UT has accepted credits. The portfolio will be reviewed by no fewer than two faculty members. Unacceptable portfolios must be re-submitted no later than the end of the following semester.

All reviewed portfolios must be documented through the use of our departmental digital camera.

Senior Project

Each student will prepare a Senior Exhibition in the Scarfone/Hartley Galleries that represents his or her strongest work, and will conduct all aspects of that show, including professional presentation of work, hanging, lighting, publicity and formal opening. The display must contain a minimum of five pieces from the student’s concentration and other media. In addition, a signed and dated personal artist’s statement concerning the student’s aesthetic theories must be presented with the exhibition.

Requirements for a minor in Art

The minor in art requires 24 semester hours of credit, including four hours each in drawing, painting, sculpture or ceramics, and art history.

Digital Arts and Graphic Design

Whether for designing Web pages, creating video games, animations, or doing creative work in advertising, marketing or multimedia production, computer experience is essential. Exciting opportunities abound for students with creative minds and computer experience.

Digital arts and graphic design at The University of Tampa selectively combine the elements of traditional studio instruction with creative uses of computer technology. Development of visualization skills, creativity, drawing potential and design ability forms the cornerstone of the program. The emphasis is on creative growth through intense exploration of a wide range of media, coupled with direct use of modern technology. The available software offers a wide range of potential experiences, from designing for pre-press through developing multimedia. Professional internships are available and encouraged.
BFA Degree Program
(Digital Arts)

Requirements for a major in digital arts:
ART 153 Beginning Drawing .......... 4
ART 154 Figure Drawing ................ 4
ART 201 Beginning Painting ........... 4
ART 202 Beginning Sculpture .......... 4
ART 204 Design ............................. 4
ART 205 Intermediate Sculpture .... 4
ART 304 Advanced Drawing .......... 4
ART 210 Beginning Computer
Graphics .......................... 4
ART 217 Beginning 3D Animation ... 4
or
ART 310 Advanced Computer
Graphics .......................... 4
ART History .............................. 12
Additional Art in Area
Concentration* ......................... 12
Art Electives** .......................... 12

Sem. Hrs. 72

* Area of concentration can include
Three-Dimensional Animation
** Up to eight hours may be replaced with
cr computer science courses beyond ITM 200.

BFA Degree Program
(Graphic Design)

Requirements for a major in graphic
design:
ART 153 or 154  Drawing ............ 4
ART 201 Beginning Painting ........... 4
ART 200 Introduction to Ceramics ... 4
or
ART 202 Beginning Sculpture ....... 4
ART 203 Printmaking ................... 4
ART 204 Design ........................... 4
ART 206 Introduction to Graphic
Design .......................... 4
ART 208 Photography .................. 4
ART 210 Beginning Computer
Graphics .......................... 4
ART 215 Graphic Design .............. 4
ART 304 Advanced Drawing .......... 4
Art History ............................. 12
Additional Art in Area Concentration ... 8
Art Electives* ............................ 12

Sem. Hrs. 72

*Up to eight hours may be replaced with
writing or marketing courses.

BA in Art with a
Pre-professional
Concentration in Art Therapy

Art Therapy is an interdisciplinary human
service profession that employs the creation
of art as a means of resolving emotional con-
flicts, fostering self-awareness and personal
growth in education, rehabilitation and psy-
chotherapy. It incorporates psychology, art
and therapeutic techniques to provide a cre-
avtive alternative to conventional therapies.

To become a Registered Art Therapist, the
American Art Therapy Association (AATA) has
determined that one must possess a master’s
degree from an AATA-accredited program.
Entry into such a graduate program is normally
based upon three criteria: (1) art skills evidenced
by studio coursework and portfolio, (2)
coursework in the behavioral sciences, particu-
larly psychology, (3) clinical or community ex-
perience such as internships, volunteer work or
professional work in the social sciences.

The Pre-Professional Concentration in Art
Therapy is designed to prepare students to
enter an accredited master’s degree program.

Art Courses
ART 153 Beginning Drawing .......... 4
ART 154 Figure Drawing .............. 4
ART 200 Introduction to Ceramics ... 4
ART 201 Beginning Painting .......... 4
ART 202 Beginning Sculpture .......... 4
ART 203 Beginning Printmaking .... 4
ART 204 Beginning Design ............ 4
ART 268 Art History Survey I ........ 4
ART 269 Art History Survey II ....... 4
Art Electives (300 level or above) .... 4
ART 411 Internship in Applied Arts
(Art Therapy) ...................... 4

Total Art Hrs. 44

Psychology Courses
PSY 200 General Psychology .......... 4
PSY 210 Child Psychology ............ 4
PSY 211 Statistics and Experimental
Methods .......................... 4
PSY 220 Fundamentals of Biopsy-
chology and Learning ........... 4
PSY 230 Theories of Personality ...... 4
PSY 303 Abnormal Psychology ...... 4
PSY 310 Lifespan Cognitive
Development ........................ 4

Total Psychology Hrs. 28
Art - BS Degree Program with Concentration in Arts Administration and Management

Requirements for the major: total hours required = 93

Art Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ART History</td>
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<td>ART 153 Drawing</td>
<td>4</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>ART 154 Drawing</td>
<td>4</td>
</tr>
<tr>
<td>ART 200 Ceramics</td>
<td>4</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>ART 202 Sculpture</td>
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</tr>
<tr>
<td>ART 204 Design</td>
<td>4</td>
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<tr>
<td>ART 206 Graphic</td>
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<tr>
<td>ART 208 Photography</td>
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<tr>
<td>ART electives</td>
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</table>

Arts Management Courses

<table>
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<th>Hours</th>
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<tr>
<td>ARM 200 Introduction</td>
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<tr>
<td>ARM 480 Seminar</td>
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</tr>
<tr>
<td>ARM 498 Internship</td>
<td>8</td>
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Business and Other Courses

<table>
<thead>
<tr>
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<th>Hours</th>
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<tbody>
<tr>
<td>MAT 160 Algebra</td>
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</tr>
<tr>
<td>ACC 202 Accounting</td>
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<td>ACC 203 Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECO 204 Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 205 Macroeconomics</td>
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<td>FIN 310 Finance</td>
<td>3</td>
</tr>
<tr>
<td>ITM 200 Computers</td>
<td>3</td>
</tr>
<tr>
<td>ITM 210 Statistics</td>
<td>3</td>
</tr>
<tr>
<td>ITM 361 Operations</td>
<td>3</td>
</tr>
<tr>
<td>MGT 330 Principles</td>
<td>3</td>
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<tr>
<td>MGT 335 Responsibility</td>
<td>3</td>
</tr>
<tr>
<td>MKT 300 Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

Total hours required = 93

The eight-hour internship (ARM 498) will be taken throughout the sophomore, junior and senior years. Two hours must be reserved to be combined with the Senior Seminar (ARM 480).

A concentration in arts administration fulfills all foundation courses required for admission to the Master of Business Administration program.

Department of Biology

Faculty: Associate Professor Chipouras, Chair; Dana Professors Price, Punzo; Professor Rice; Associate Professors Beach, Kucera, Masonjones, Meers, Schlueter; Assistant Professors Bellone, Benson, Campbell, Freid, Otto; Instructor Borgeas.

The biology, marine science-biology, marine science-chemistry and environmental science majors all share the same goals, which are: 1) To introduce students to a wide range of topics in historical and contemporary biological and chemical science. 2) To foster a life-long interest in the learning process to ensure that our graduates continue to develop as scientists and citizens throughout their lives. 3) To prepare our graduates for responsible positions in society, such as laboratory or field technicians, environmental regulators, research scientists, educators, and medical professionals.

Marine Science Center

UT’s waterfront Marine Science Center is located at Bayside Marina, about twenty minutes from campus. This 3,000-square-foot facility is well equipped to serve both students and faculty in marine science, environmental science and biology programs. The facility includes a wet laboratory and dry lab/classroom, SCUBA storage area, lockers, and a boat slip. The wet lab has a recirculating/flow-through seawater system with reservoirs at ground level. Two boats also are housed at the marina. On the eastern edge of the marina property is a mosaic of supratidal and shallow water habitats that UT faculty maintain. This mangrove/salt marsh/oyster reef/mud flat habitat makes an ideal location for environmental projects.
Biology

Requirements for a major in biology:
BIO 203 Biological Diversity .......... 4
BIO 204 Biological Unity ............... 4
BIO 228 Biology of Plants .............. 4
BIO 300 General Genetics
or
BIO 320 Molecular Genetics ........... 4
BIO 307 Microbiology
or
BIO 310 Developmental Biology
or
BIO 350 Cell Biology
or
BIO 360 Immunology ................... 4
or
BIO 390 Electron Microscopy ......... 4
BIO 410* Senior Seminar .......... 1
Concentration (described below) ... 16-20
Sem. Hrs. 36-41

Collateral and prerequisite courses required for the major:
CHE 152-155 General Chemistry I, II .. 8
CHE 232-235 Organic Chemistry I, II 8
PHY 200-201 General Physics I, II .... 8
MAT 170 Precalculus
or
MAT 260 Calculus ........................ 4
Sem. Hrs. 28

*BIO 440 or 450 may be substituted if an oral presentation is made.

Students who major in biology may use any of the collateral science courses required in the major to satisfy the natural science component of the general curriculum distribution requirements. Students may not count credits for both BIO 300 and 320 toward the degree requirements in any major or minor in biology, marine science-biology or environmental science. However, credits for both may count toward the 124-credit-hour graduation requirement. Students also may use the course required in mathematics to satisfy the mathematics requirement of the academic skills component of the general curriculum distribution requirements.

WRI 281 and MAT 201 are strongly recommended for those students planning to attend graduate or professional school.

Requirements for a minor in biology:
Twenty total semester hours of credit, including BIO 203, BIO 204 and 12 additional credit hours of BIO courses numbered above 204, or MAR courses above 150 excluding BIO 440, 450, 495 and 499.

General Biology Concentration
This concentration meets the requirements of a variety of career paths, including industrial positions, secondary education, and graduate programs in biology. Students must complete a minimum of four additional biology courses (not including BIO 440, 450, 495 or 499) to be determined in consultation with advisors. In addition to the core requirements for a degree in biology, students may select any BIO courses above 204 or MAR courses above 150 to fulfill the elective requirements.

Sem. Hrs. 16

Biology Education Majors
Students pursuing education degrees must consult the Education section of this catalog for a complete listing of course requirements, as well as the sequence in which to take these courses.

Pre-Professional Concentration (including Pre-Medicine, Pre-Dentistry, Pre-Veterinary Science)
Students interested in these professional careers usually major in biology, selecting courses from the pre-professional concentration. Students also may choose to major in chemistry or biochemistry. Other majors are possible, provided the entrance requirements for professional schools are completed. Students should design their academic programs in consultation with their advisors.

Students requesting letters of recommendation to professional schools must do so through the Pre-Professional Committee by submitting their requests to the Departmental Office (SC-207).

The pre-professional concentration is designed to prepare students for application to professional schools such as medical, dental, veterinary, etc. The Army ROTC Department can assist pre-professional students with their graduate program finances through the Health Sciences Professional...
Scholarship Program. For more information, contact the Army ROTC Department at (813) 258-7200 or UT ext. 3044. After consultation with their advisors, students should complete at least four of the following courses as their biology major electives:

**Biology - Pre-Professional Concentration**
- BIO 220 Behavioral Biology ........... 4
- BIO 250 Comparative Vertebrate Anatomy .................................. 4
- BIO 307 Microbiology ................... 4
- BIO 310 Developmental Biology .... 4
- BIO 317 Parasitology ..................... 4
- BIO 330 General Physiology ............ 4
- BIO 350 Cell Biology ..................... 4
- BIO 360 Immunology ..................... 4
- BIO 390 Electron Microscopy .......... 4
- BIO 400 Evolution ........................ 4
- CHE 320 Biochemistry .................... 4

**Sem. Hrs. 16**

**Concentration in Molecular Biology**
Molecular biology, along with the laboratory tools it employs, is a sub-discipline within biology that has become an important component of our economy. Students interested in pursuing advanced degrees in this field or careers in laboratory or research environments involving molecular biology are encouraged to pursue this concentration. Students who pursue this concentration enroll in BIO 320 as part of their degree plans.

**Molecular Biology Concentration**
Select four courses from the following:
- BIO 307 Microbiology ................... 4
- BIO 310 Developmental Biology .... 4
- BIO 330 General Physiology ............ 4
- BIO 350 Cell Biology ..................... 4
- BIO 360 Immunology ..................... 4
- BIO 390 Electron Microscopy .......... 4
- CHE 320 Biochemistry .................... 4
- CHE 420 Advanced Biochemistry .... 4

Elective from any course above BIO 204* or MAR 300 .......... 4

*BIO 300, 320, 395, 440, 450 and 499 cannot be used as electives to satisfy this requirement.

**Biology - Business Concentration**
Consisting of the biology major courses plus four electives in the Biology Department above 204 (excluding BIO 440, 450, 495 and 499) with the following business courses, the biology-business concentration is designed for students who are interested in biology but wish to pursue business careers. These individuals may find opportunities in technical sales or managerial positions in biomedical, agricultural and chemical industries. The biology major (plus electives) with these business courses fulfills all foundation courses (except ITM 200 and 361) required for admission to the Master of Business Administration program at The University of Tampa.

**Requirements for the biology-business concentration:**
- ACC 202 Financial Accounting ...... 3
- ACC 203 Managerial Accounting .... 3
- ECO 204 Principles of Microeconomics ............. 3
- ECO 205 Principles of Macroeconomics ............. 3
- ITM 210 Managerial Statistics I ...... 3
- MGT 330 Principles of Management .. 3
- MGT 335 Essentials of Corporate Responsibility ............. 3
- MKT 300 Principles of Marketing .... 3
- FIN 310 Financial Management ...... 3

**Sem. Hrs. 27**

**Marine Science-Biology**
Requirements for a double major in marine science* and biology:
- BIO 203 Biological Diversity .......... 4
- BIO 204 Biological Unity .............. 4
- BIO 212 Ecology or MAR 222 ...... 4
- BIO 410 Senior Seminar**................ 1
- MAR 327 Marine Botany ................. 4
- Electives above BIO 204 or MAR 150 ... 8
- Genetics Requirement (choose one) ............. 4
- BIO 300 General Genetics .............. 4
- BIO 320 Molecular Genetics ............ 4
- Cellular/Physiological Requirement (select one) ........................................ 4
- BIO 307 Microbiology ................... 4
- BIO 310 Developmental Biology .... 4
- BIO 330 General Physiology .......... 4
- BIO 350 Cell Biology ..................... 4
- BIO 360 Immunology ..................... 4
- BIO 390 Electron Microscopy .......... 4
- CHE 320 Biochemistry .................... 4

**Sem. Hrs. 27**
Organismal Requirement (select one from each pair) ...................................... 8
BIO 224 Invertebrate Zoology .......... 4
or
MAR 226 Marine Zoology .......... 4
BIO 225 Vertebrate Zoology .......... 4
or
BIO 250 Comparative Vertebrate Anatomy .......... 4
Physical/Chemical Requirement (select two) .......................... 8
MAR 150 Physical Geology .......... 4
MAR 301 Physical Oceanography .......... 4
CHE 180 Environmental Chemistry .......... 4
Sem. Hrs. 49

Collateral and/or prerequisite courses required for the double major in Marine Science-Biology:
CHE 152-155 General Chemistry I, II .......... 8
CHE 232-235 Organic Chemistry I, II .......... 8
PHY 200-201 General Physics I, II .......... 8
MAT 170 Precalculus
or
MAT 260 Calculus ................. 4
Sem. Hrs. 28

*Marine science may not be taken as a single major because of its highly specialized nature.
** BIO 440 or 450 may be substituted if an oral presentation is made.

Students who double-major in marine science-biology may use any of the science or marine science courses required in the major to satisfy the natural science component of the general curriculum distribution requirements listed in the catalog.

Requirements for a minor in marine biology:
BIO 203 and 204; BIO 212 or MAR 222; MAR 226 or BIO 224; and MAR 327.

Marine Science - Chemistry

Requirements for a double major in marine science* and chemistry:
BIO 203 Biological Diversity .......... 4
BIO 204 Biological Unity .......... 4
BIO 212 Ecology or MAR 222 .......... 4
MAR 150 Physical Geology .......... 4
MAR 226 Marine Zoology .......... 4
MAR 327 Marine Botany .......... 4
MAR 301 Physical Oceanography .......... 4
CHE 180 Environmental Chemistry .......... 4
Sem. Hrs. 32

Courses required for the chemistry major:
CHE 152-155 General Chemistry I, II .......... 8
CHE 310 Analytical Chemistry .......... 4
CHE 232-235 Organic Chemistry I, II .......... 8
CHE 352-355 Physical Chemistry I, II .......... 8
CHE 425 Advanced Inorganic Chemistry .......... 4
CHE 451, 452 or 453 .......... 2
Sem. Hrs. 34

Collateral and prerequisite courses required for the double major:
PHY 200
and
PHY 201 General Physics, I, II .......... 8
MAT 260 and 261 Calculus I, II .......... 8
Sem. Hrs. 16

*Marine science may not be taken as a single major because of its highly specialized nature. Students who double-major in marine science-chemistry may use any of the science or marine science courses required in the major to satisfy the natural science component of the general curriculum distribution requirements listed in the catalog.

Gulf Coast Research Laboratory

The University maintains a formal affiliation with the Gulf Coast Research Laboratory (GCRL), an educational and research institute located in Ocean Springs, Mississippi. Through this arrangement, students may take field courses in marine science at GCRL during the summer. Course credit is awarded through the University of Southern Mississippi and will be accepted as transfer credit at UT. Below is a list of courses taught at GCRL and their semester hours of credit. These courses may be applied toward majors in biology, marine-science/biology, and environmental science.

Marine Science I: Oceanography .......... 5
Marine Science II: Marine Biology .......... 5
Coastal Marine Geology .......... 3
Coastal Vegetation .......... 4
Marine Invertebrate Zoology .......... 6
Marine Ichthyology ........................................ 6
Marine Mammals ........................................ 5
Fauna and Faunistic Ecology of Salt Marshes, Seagrasses and Sand Beaches ........................................ 5
Sand Beach Ecology ........................................ 5
Marine Ecology ............................................. 5
Elasmobranch Biology ..................................... 5
Special Problems in Marine Science ..................... 1-6
Special Topics in Marine Science ......................... 1-6
Complete information about the GCRL program is available in the Department of Biology.

**Environmental Science**

Requirements for a major in environmental science:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 203</td>
<td>Biological Diversity</td>
<td>4</td>
</tr>
<tr>
<td>BIO 204</td>
<td>Biological Unity</td>
<td>4</td>
</tr>
<tr>
<td>BIO 212</td>
<td>Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 228</td>
<td>Biology of Plants</td>
<td>4</td>
</tr>
<tr>
<td>BIO 242</td>
<td>Introduction to Environmental Science and Policy</td>
<td>4</td>
</tr>
<tr>
<td>BIO 346</td>
<td>Conservation Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 410*</td>
<td>Senior Seminar</td>
<td>1</td>
</tr>
<tr>
<td>CHE 152/153</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHE 154/155</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHE 310</td>
<td>Analytical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHE 180</td>
<td>Environmental Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>MAT 170</td>
<td>Pre-Calculus</td>
<td>4</td>
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<tr>
<td>MAT 201</td>
<td>Statistics</td>
<td>4</td>
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<td>UST 304</td>
<td>Public Policy Analysis</td>
<td>4</td>
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<td>WRI 281</td>
<td>Technical Writing</td>
<td>4</td>
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<tr>
<td>Electives</td>
<td>(see below)</td>
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*Sem. Hrs. 68

*BIO 440 or 450 may be substituted if an oral presentation is made.

**Category One Electives** *(at least two of the following):* 8

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>BIO 220</td>
<td>Behavioral Biology</td>
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<td>BIO 224</td>
<td>Invertebrate Zoology</td>
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<td>BIO 340</td>
<td>Ichthyology</td>
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<td>BIO 307</td>
<td>Microbiology</td>
<td>4</td>
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<td>BIO 317</td>
<td>Parasitology</td>
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</tr>
<tr>
<td>MAR 150</td>
<td>Physical Geology</td>
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<tr>
<td>MAR 226</td>
<td>Marine Zoology</td>
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<tr>
<td>MAR 301</td>
<td>Physical Oceanography</td>
<td>4</td>
</tr>
<tr>
<td>MAR 327</td>
<td>Marine Botany</td>
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</tr>
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</table>

**Category Two Electives** *(at least one of the following):* 4

<table>
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<th>Semester Hours</th>
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<tr>
<td>COM 224</td>
<td>Communication and Society</td>
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<tr>
<td>GEO 202</td>
<td>Physical Geography</td>
<td>4</td>
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<tr>
<td>GEO 205</td>
<td>Principles of Resource Utilization</td>
<td>4</td>
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<tr>
<td>PHL 208</td>
<td>Business Ethics</td>
<td>4</td>
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<tr>
<td>PHL 210</td>
<td>Environmental Ethics</td>
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</tbody>
</table>

*(see prerequisites)*

Students who major in environmental science may use any of the category one electives to satisfy the natural science component of the general curriculum distribution requirements. They also may use the courses required in mathematics to satisfy the mathematics requirement of the academic skills component of the general curriculum distribution.

Requirements for a minor in environmental science consist of the following five courses:

- BIO 203, 204, 212, 242 and 346; and one of the following courses, PHL 210, MAR 126, MAR 226 or BIO 224. It is further recommended that students who are not science majors take MAR 150 or CHE 126 for the physical science requirement.

**Department of Chemistry and Physics**

**Faculty:** Professor Laurino, Chair; Professors Ford, Jackson; Associate Professors Burroughs, Hendrix; Assistant Professors Ballard, Jackman, Struss, Wu; Visiting Professor Cannon

**Degrees Offered:** BS, chemistry; BS, biochemistry; BS, forensic science; BA, chemistry; BS, chemistry (biochemistry)/MBA.

The Chemistry Department offers its students a solid foundation in the five major areas of chemistry: analytical chemistry, biochemistry, inorganic chemistry, organic chemistry and physical chemistry. Research projects, publishing opportunities, internships, and classes with both lecture and laboratory experience give chemistry majors the necessary theoretical knowledge and practical laboratory experience to either enter the
job market with a BS degree or go on to graduate or professional school with either a BS or a BA degree.

The program is a continuum of prerequisites designed to best develop the student’s knowledge of chemistry in each of the five major areas. In upper-level classes, the average course size drops from about 30 students to approximately 5 to 10 students per class. This small class size not only gives students the opportunity to work with equipment not often available to undergraduates at large institutions, but also allows for frequent direct interaction with the faculty.

Given the small class size at the University and the varied research interest of the chemistry faculty, experiential learning opportunities are available and encouraged. Students working with faculty members have completed projects in environmental analysis, atmospheric chemistry, marine nutrient analysis, protein chemistry, organic reaction mechanisms, electroanalysis and biosensor development.

Each member of the faculty is an expert in at least one of the aforementioned areas of chemistry. Each chemistry major is assigned a faculty member who serves as an advisor and whose specialty coincides with the student’s area of interest. Advisors and students work together to select courses, review academic and professional progress, and discuss career and graduate opportunities.

**Pre-Professional Concentration**

Students interested in medicine, dentistry or veterinary science may wish to consider the BA in chemistry. This degree program has been specifically designed for pre-professional students whose interests lie in the chemical sciences. While any of the degree programs offered by the Department of Chemistry provides the opportunity for professional school admission, the BA degree, with fewer credit hours than the BS degrees, allows the student to explore other academic disciplines through electives, providing the well-rounded educational experience professional schools actively seek in their applicants. In addition to the chemistry majors, students also may choose biology or other majors, provided the entrance requirements for professional schools are completed. Students should design their academic programs in consultation with their advisors.

Students requesting letters of recommendation to professional schools must do so through the pre-professional advisor, Dr. David Ford, who chairs the Pre-Professional Committee.

The Army ROTC Department can assist pre-professional students with their professional program finances through the Health Science Professional Scholarship Program. For more information, contact the Army ROTC Department at (813) 258-7200 or UT ext. 3044.

**Chemistry**

**Requirements for a BA major in chemistry:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHE 152</td>
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<tr>
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<tr>
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<td>CHE 155</td>
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</tr>
<tr>
<td>CHE 245</td>
<td>Inorganic Chemistry ..........</td>
<td>4</td>
</tr>
<tr>
<td>CHE 310</td>
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<td>PHY 200</td>
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<tr>
<td>MAT 260</td>
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<tr>
<td>MAT 261</td>
<td>Calculus II ..................</td>
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</table>

**Sem. Hrs. 50**

BIO 203 or BIO 204 is strongly recommended in fulfilling the Biological Science General Curriculum Distribution requirement.

**Requirements for a BS major in chemistry:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>CHE 233</td>
<td>Organic Chemistry I-Lab ...</td>
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</tbody>
</table>
COLLEGE OF LIBERAL ARTS AND SCIENCES

CHE 234 Organic Chemistry II ........ 3
CHE 235 Organic Chemistry II-Lab ... 1
CHE 245 Inorganic Chemistry .......... 4
CHE 310 Analytical Chemistry .......... 4
CHE 320 Biochemistry .................. 3
CHE 352 Physical Chemistry I ......... 3
CHE 353 Physical Chemistry I-Lab ... 1
CHE 354 Physical Chemistry II ....... 3
CHE 355 Physical Chemistry II-Lab ... 1
CHE 425 Advanced Inorganic Chemistry ........................................ 3
CHE 430 Advanced Instrumental Chemistry ........................................ 4
CHE 451 Introduction to Research
or
CHE 453 Chemistry Internship ........ 2
CHE 499 Special Topics in Chemistry ............................................. 3
BIO 204 Biological Unity .............. 4
PHY 205 General Physics I (Calculus-based) ...................... 4
PHY 206 General Physics II (Calculus-based) ...................... 4
MAT 260 Calculus I ..................... 4
MAT 261 Calculus II ..................... 4

Sem. Hrs. 67

MAT 262 is strongly recommended for the BS chemistry major. BIO 203 is not required for chemistry majors.

Requirements for a minor in chemistry:
CHE 152 General Chemistry I .......... 3
CHE 153 General Chemistry I-Lab ... 1
CHE 154 General Chemistry II ....... 3
CHE 155 General Chemistry II-Lab ... 1
CHE 232 Organic Chemistry I .......... 3
CHE 233 Organic Chemistry I-Lab ... 1
CHE 234 Organic Chemistry II ....... 3
CHE 235 Organic Chemistry II-Lab ... 1
CHE 320 Biochemistry* ............... 3

or
CHE 320 Biochemistry* ............... 3

or
CHE 420 Advanced Biochemistry ...... 4
CHE 232 Organic Chemistry I .......... 3
CHE 233 Organic Chemistry I-Lab ... 1
CHE 234 Organic Chemistry II ....... 3
CHE 235 Organic Chemistry II-Lab ... 1

Sem. Hrs. 19-20

* CHE 320 cannot be used to satisfy this requirement if it is used as a biology elective.

Biochemistry

Requirements for a BS major in biochemistry:
CHE 152 General Chemistry I .......... 3
CHE 153 General Chemistry I-Lab ... 1
CHE 154 General Chemistry II ....... 3
CHE 155 General Chemistry II-Lab ... 1
CHE 232 Organic Chemistry I .......... 3
CHE 233 Organic Chemistry I-Lab ... 1
CHE 234 Organic Chemistry II ....... 3
CHE 235 Organic Chemistry II-Lab ... 1
CHE 245 Inorganic Chemistry .......... 4
CHE 310 Analytical Chemistry .......... 4
CHE 320 Biochemistry .................. 3
CHE 352 Physical Chemistry I ......... 3
CHE 353 Physical Chemistry I-Lab ... 1
CHE 354 Physical Chemistry II ....... 3
CHE 355 Physical Chemistry II-Lab ... 1
CHE 420 Advanced Biochemistry ...... 4
CHE 430 Advanced Instrumental Chemistry ........................................ 4
CHE 451 Introduction to Research ...
BIO 204 Biological Unity .............. 4
BIO 300, Genetics, General
or 330, Physiology, or Molecular
or 320 Genetics .................................. 4
PHY 205 General Physics I (Calculus-based) ...................... 4
PHY 206 General Physics II (Calculus-based) ...................... 4
MAT 260 Calculus I ..................... 4
MAT 261 Calculus II ..................... 4

Sem. Hrs. 71

MAT 262, BIO 360 and BIO 350 are strongly recommended for the biochemistry major. The BIO 203 prerequisite is waived for biochemistry majors.

Bachelor of Science in Forensic Science

The BS program in forensic science prepares students for careers in forensic chemistry or forensic toxicology. Graduates typically are employed in local, state or federal crime laboratories or law enforcement agencies such as the FDA, EPA and OSHA. Forensic chemistry also is an option for pre-professional majors and for those interested in pursuing master’s or doctoral degrees. Students successfully completing the program also will be awarded a minor in criminal investigation from the Department of Criminology.
### Bachelor of Science in Chemistry (Biochemistry) / MBA Joint Degree Program

This program is designed to develop scientists who can serve as managers, group leaders and analysts in chemical, pharmaceutical, biotechnology, medical diagnostic and investment companies. Students completing this program will be able to understand and appreciate the nature of the scientific hurdles facing scientists, the financial and stakeholder pressures experienced by management, and the influence of this research on day-to-day corporate operations. The graduate is awarded a BS degree in either chemistry or biochemistry, and a Master of Business Administration.

The program consists of courses required for a major in either chemistry or biochemistry, courses that fulfill all of the undergraduate business foundation requirements, and courses required to complete the Master of Business Administration program at The University of Tampa. Provisional acceptance into the program will be granted upon completion of the application requirements and the course requirements outlined below for years one and two, with final acceptance granted upon completion of the application requirements and the course requirements outlined below for years one through three. Participants in this program are required to successfully complete three internships in chemistry and business.

### BS Chemistry / MBA

#### Year 1

**First Semester, Freshman**

- CHE 152 General Chemistry I ........ 3
- CHE 153 General Chemistry I-Lab ... 1
- CHE 154 General Chemistry II ........ 3
- CHE 155 General Chemistry II-Lab ... 1
- MAT 260 Calculus I .................... 4
- ENG 101 Composition and Rhetoric I ........... 4
- GIS 101 Global Issues (IG) .......... 4
- GTW 100 Gateways I .................. 1

**Sem. Hrs. 17**

**Second Semester, Freshman**

- CHE 154 General Chemistry II ....... 3
- CHE 155 General Chemistry II-Lab ... 1
- MAT 261 Calculus II ................... 4
- ENG 102 Composition and Rhetoric II ........... 4
- ACC 202 Financial Accounting ....... 3
- GTW 102 Gateways II .................. 1
- ITM 200 Introduction to Computers ................... 1

**Sem. Hrs. 17**
COLLEGE OF LIBERAL ARTS AND SCIENCES

Year 2

First Semester, Sophomore
- CHE 232 Organic Chemistry I .......... 3
- CHE 233 Organic Chemistry I Lab ... 1
- PHY 205 General Physics I (Calculus-based) ............ 4
- CHE 310 Analytical Chemistry .......... 4
- ACC 203 Managerial Accounting .......... 3
  Sem. Hrs. 15

Second Semester, Sophomore
- CHE 234 Organic Chemistry II ....... 3
- CHE 235 Organic Chemistry II Lab ... 1
- ECO 204 Microeconomics ............... 3
- BIO 204 Biological Unity ............ 4
- PHY 206 General Physics II (Calculus-based) .......... 4
  Sem. Hrs. 15

Year 3

First Semester, Junior
- CHE 352 Physical Chemistry I ...... 3
- CHE 353 Physical Chemistry I Lab ... 1
- ECO 205 Macroeconomics ............. 3
- ITM 210 Managerial Statistics ....... 3
- CHE 320 Biochemistry ............. 3
  Sem. Hrs. 13

Second Semester, Junior
- CHE 354 Physical Chemistry II ...... 3
- CHE 355 Physical Chemistry II Lab .................. 1
- CHE 245 Inorganic Chemistry .......... 4
- CHE 499 Special Topics in Chemistry .......... 3
- FIN 310 Financial Management ....... 3
- MKT 300 Principles of Marketing ....... 3
  Sem. Hrs. 17

Summer
- MGT 490 Business Internship .......... 1

Year 4

First Semester, Senior
- CHE 430 Advanced Instrumental .... 4
- CHE 451/3 Chemical Research /Intern .................................. 2
- CHE 425 Advanced Inorganic Chemistry ........... 3
- ITM 607 Managing Value ............ 1.5
- MGT 599 Fast Start Workshop ........ 1
- Humanities Choice ................. 4
  Sem. Hrs. 15.5

Second Semester, Senior
- ACC 615 Financial Disclosure Analysis .................. 1.5
- Humanities Choice (2) ............. 8
- Social Science Choice ............... 4
- MGT 602 Leading for Performance ... 3
- MKT 607 Building Customer Value .......... 1.5
  Sem. Hrs. 18

BS in chemistry awarded with 130.5 credit hours

Summer
- MGT 600 Business Internship .......... 1

Year 5

First Semester
- ACC 621 Using Financial Information ........... 1.5
- ECO 625 Managerial Economics .......... 1.5
- FIN 610 Creating Value .......... 1.5
- MKT 606 Business Research Methods ............ 1.5
- ITM 611 Building Business Models ............. 1.5
- MGT 610 Leading Strategic Change ............. 1.5
- ECO 620 International Macroeconomics .......... 1.5
  Sem. Hrs. 10.5

Second Semester
- ITM 613 Delivery Systems .......... 1.5
- ITM 614 Project Management .......... 1.5
- Elective .............................................. 3
- Elective .............................................. 3
  Sem. Hrs. 9

Third Semester (Summer)
- MGT 615 Strategic Analysis ............ 3
- Elective .............................................. 3
- Elective .............................................. 3
  Sem. Hrs. 9
### BS Biochemistry/MBA

#### Year 1

**First Semester, Freshman**
- CHE 152 General Chemistry I .......... 3
- CHE 153 General Chemistry Lab I .... 1
- MAT 260 Calculus I .................... 4
- ENG 101 Composition and Rhetoric I .... 4
- GIS 101 Global Issues (IG) ............ 4
- GTW 100 Gateways I .................. 1  
  **Sem. Hrs. 17**

**Second Semester, Freshman**
- CHE 154 General Chemistry II ........ 3
- CHE 155 General Chemistry Lab II .. 1
- MAT 261 Calculus II ................... 4
- ENG 102 Composition and Rhetoric II .... 4
- ACC 202 Financial Accounting Information .......... 3
- GTW 102 Gateways II ................ 1
- ITM 200 Introduction to Computers .......... 1  
  **Sem. Hrs. 17**

#### Year 2

**First Semester, Sophomore**
- CHE 232 Organic Chemistry I .......... 3
- CHE 233 Organic Chemistry I Lab ... 1
- PHY 205 General Physics I (Calculus-based) .......... 4
- CHE 310 Analytical Chemistry .......... 4
- ACC 203 Managerial Accounting .......... 3  
  **Sem. Hrs. 15**

**Second Semester, Sophomore**
- CHE 234 Organic Chemistry II ........ 3
- CHE 235 Organic Chemistry II Lab ... 1
- ECO 204 Microeconomics ............... 3
- BIO 204 Biological Unity ............. 4
- PHY 206 General Physics II (Calculus-based) .......... 4  
  **Sem. Hrs. 15**

#### Year 3

**First Semester, Junior**
- CHE 352 Physical Chemistry I .......... 3
- CHE 353 Physical Chemistry I Lab ... 1
- ECO 205 Macroeconomics ............ 3
- ITM 210 Managerial Statistics .......... 3
- CHE 320 Biochemistry .................. 3
- Humanities Choice ..................... 4  
  **Sem. Hrs. 17**

**Second Semester, Junior**
- CHE 245 Inorganic Chemistry .......... 4
- CHE 354 Physical Chemistry II ........ 3
- CHE 355 Physical Chemistry II Lab ... 1
- CHE 420 Advanced Biochemistry .......... 4
- FIN 310 Financial Management .......... 3
- MKT 300 Principles of Marketing .......... 3  
  **Sem. Hrs. 18**

**Summer**
- MGT 490 Business Internship .......... 3

#### Year 4

**First Semester, Senior**
- CHE 430 Advanced Instrumental .......... 4
- CHE 451/3 Chemical Research .......... 4
- CHE/BIO Biochemistry Elective .......... 4
- ITM 607 Managing Value ............. 1.5
- MGT 599 Fast Start Workshop .......... 1  
  **Sem. Hrs. 14.5**

**Second Semester, Senior**
- ACC 615 Financial Disclosure Analy- sis of Enterprises .......... 1.5
- Humanities Choice (2) ................ 8
- Social Science Choice ............... 4
- MGT 602 Leading for Performance .......... 3
- MKT 607 Building Customer Value .......... 1.5  
  **Sem. Hrs. 18**

### BS Biochemistry degree awarded with 134.5 credit hours

**Summer**
- MGT 600 Business Internship .......... 1

#### Year 5

**First Semester**
- ACC 621 Using Financial Information .......... 1.5
- ECO 625 Managerial Economics .......... 1.5
- FIN 610 Creating Value .......... 1.5
- MKT 606 Business Research Methods .......... 1.5
- ITM 611 Building Business Models .......... 1.5
- MGT 610 Leading Strategic Change .......... 1.5
- ECO 620 International Macroeconomics .......... 1.5  
  **Sem. Hrs. 10.5**
Second Semester
ITM 613 Delivery Systems .......... 1.5
ITM 614 Project Management ..... 1.5
Elective .............................................. 3
Elective .............................................. 3
Sem. Hrs. 9

Third Semester (Summer)
MGT 615 Applied Strategic Analysis ... 3
Elective .............................................. 3
Elective .............................................. 3
Sem. Hrs. 9

Application and Acceptance into the Program

Provisional Acceptance
• An overall grade point average equal to that required by the Honors Program. (NOTE: Participation in the Honors Program is NOT required.)
• A grade of “B” or better in every business course.
• Recommendations of the Department of Chemistry and the College of Business.

Final Acceptance
Final acceptance into the program is granted by the College of Business depending upon:
• Performance in both chemistry and business courses during years one through three. A grade of “B” or better in every business course is required.
• An overall grade point average equal to that required by the Honors Program. (NOTE: Participation in the Honors Program is NOT required.)
• GMAT scores of 500 or better
• A written recommendation from the Department of Chemistry.

Department of Communication

Faculty: Professor Bachman, Chair; Professor Emeritus Giancola; Professors Kennedy, Tregenza; Associate Professor Paine; Assistant Professor Davis, Steinhardt; Visiting Assistant Professor Gesmundo; Instructors Myrie, Hill.

The mission of the Department of Communication is to advance the knowledge and understanding of the communication processes that occur among individuals, groups, organizations and societies. The program emphasizes the theoretical and applied dimensions of human communication. The curriculum provides knowledge of a range of scientific and aesthetic theories, research methods and practical tools enabling students to confront major communication problems facing society. Courses emphasize human values, appropriate uses of communication media, historical perspectives and critical thinking.

There are two majors within the department: Communication and Film and Media Arts. The communication department also participates in the Electronic Media Art and Technology (EMAT) Interdisciplinary Program.

Communication Major
Requirements for a major in communication: The student must take a total of 51 semester hours of credit, which may include a maximum of eight hours in a related discipline, to complete the major. The curriculum is divided into two main components. The Theory and Methods component contains the Culture and Society and Visual Aesthetics courses. The Practicum component contains the Writing and Moving Image courses. Students must take courses in each of these four areas. Minimum credits and prerequisites for each area are identified below. All cross-listed courses must be taken with a COM designation. Foundation courses (*) are required courses.

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COM 380</td>
<td>Culture, Society, and Computing Technology</td>
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</tr>
<tr>
<td>COM 401</td>
<td>Intercultural Communication</td>
<td>4</td>
</tr>
<tr>
<td>COM 425</td>
<td>Information Technology and Human Values</td>
<td>4</td>
</tr>
<tr>
<td>COM 426</td>
<td>Public Opinion, the Media, and Power</td>
<td>4</td>
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<tr>
<td>COM 443</td>
<td>Communication and Cultural Studies</td>
<td>4</td>
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<tr>
<td>COM 371</td>
<td>Journalism II</td>
<td>4</td>
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<td></td>
<td>(Cross listed with WRI 371)</td>
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<tr>
<td>COM 382</td>
<td>Writing for Advertising and Public Relations</td>
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<tr>
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<tr>
<td>COM 440</td>
<td>Screenwriting II</td>
<td>4</td>
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**Visual Aesthetics**

(Must take a minimum of eight credits.)

<table>
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<tbody>
<tr>
<td>COM 232</td>
<td>Visual Literacy*</td>
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</tr>
<tr>
<td>COM 260</td>
<td>American Cinema</td>
<td>4</td>
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<tr>
<td>COM 261</td>
<td>World Cinema</td>
<td>4</td>
</tr>
<tr>
<td>COM 300</td>
<td>The Documentary Tradition</td>
<td>4</td>
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<tr>
<td>COM 308</td>
<td>Film Aesthetics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>(Cross listed with PHL 308)</td>
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<tr>
<td>COM 360</td>
<td>Film Directors</td>
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</tr>
<tr>
<td>COM 370</td>
<td>Women, Film and Popular Culture</td>
<td>4</td>
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<tr>
<td></td>
<td>(Cross listed with WST 370)</td>
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<tr>
<td>COM 435</td>
<td>Survey of Independent Video and Film</td>
<td>4</td>
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<tr>
<td>COM 445</td>
<td>The Image and Reality</td>
<td>4</td>
</tr>
<tr>
<td>COM 465</td>
<td>Seminar in American Film</td>
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</table>

**PRACTICUM AREAS**

**Writing**

(Must take a minimum of eight credits.)

<table>
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<th>Course Title</th>
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<tr>
<td>COM 225</td>
<td>Writing for Electronic Communication*</td>
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<tr>
<td></td>
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</tr>
<tr>
<td>COM 236</td>
<td>Fiction into Film</td>
<td>4</td>
</tr>
<tr>
<td>COM 240</td>
<td>Writing Drama</td>
<td>4</td>
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<tr>
<td></td>
<td>(Cross listed with WRI 240)</td>
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<tr>
<td>COM 247</td>
<td>Writing for Radio and ALT Performance</td>
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<tr>
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<tr>
<td>COM 271</td>
<td>Journalism I</td>
<td>4</td>
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<tr>
<td></td>
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<tr>
<td>COM 325</td>
<td>Writing for Broadcast News</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>(Cross listed with WRI 325)</td>
<td></td>
</tr>
<tr>
<td>COM 333</td>
<td>Corporate Uses of Media</td>
<td>4</td>
</tr>
<tr>
<td>COM 340</td>
<td>Screenwriting I</td>
<td>4</td>
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<tr>
<td>COM 346</td>
<td>Writing for Interactive Media</td>
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</table>

**The Moving Image**

(Must take a minimum of eight credits.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 238</td>
<td>Animation I</td>
<td>4</td>
</tr>
<tr>
<td>COM 241</td>
<td>Sound Image and Motion*</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>(Cross listed with WRI 241)</td>
<td></td>
</tr>
<tr>
<td>COM 243</td>
<td>Production I</td>
<td>4</td>
</tr>
<tr>
<td>COM 245</td>
<td>Production II</td>
<td>4</td>
</tr>
<tr>
<td>COM 263</td>
<td>Web Design</td>
<td>4</td>
</tr>
<tr>
<td>COM 280</td>
<td>Digital Imaging for Interactive Media</td>
<td>4</td>
</tr>
<tr>
<td>COM 303</td>
<td>Studio Television I</td>
<td>4</td>
</tr>
<tr>
<td>COM 333</td>
<td>Studio Television II</td>
<td>4</td>
</tr>
<tr>
<td>COM 338</td>
<td>Animation II</td>
<td>4</td>
</tr>
<tr>
<td>COM 343</td>
<td>Advanced Post-Production Techniques</td>
<td>4</td>
</tr>
<tr>
<td>COM 345</td>
<td>Production III</td>
<td>4</td>
</tr>
<tr>
<td>COM 363</td>
<td>CD/DVD Design and Production</td>
<td>4</td>
</tr>
<tr>
<td>COM 442</td>
<td>Producing for Motion</td>
<td>4</td>
</tr>
<tr>
<td>COM 460</td>
<td>Advanced Motion Picture and Digital Media</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Production</td>
<td>4</td>
</tr>
</tbody>
</table>

**Internships and Independent Studies**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COM 250</td>
<td>Practicum in Broadcast Management</td>
<td>1-4</td>
</tr>
<tr>
<td>COM 354</td>
<td>Internship in Communication</td>
<td>1-4</td>
</tr>
<tr>
<td>COM 399</td>
<td>Independent Study in Communication</td>
<td>1-4</td>
</tr>
<tr>
<td>COM 499</td>
<td>Senior Project</td>
<td>4</td>
</tr>
</tbody>
</table>

*Foundation course, required

Prerequisites for individual courses are listed with the course descriptions.

To meet the requirements of the major, students may take two courses outside of the Communication Department. These courses should closely coincide with the student’s scholarly or career interests, and should be chosen with the advice of a communication faculty advisor.

Credit hours earned in COM 354 (Internship in Communication) cannot be used to meet the 300-level or above requirement in the major.
Students may take two moving image courses in the same semester, but only with the written approval of the faculty members teaching those two courses and the chair of the department. Students may not take more than two moving image courses in the same semester.

A student who wishes to enroll in COM 499, Senior Project, should secure a faculty sponsor the semester immediately preceding the semester in which he or she plans to enroll.

The program provides individual access to production equipment in several courses. Students will be required to sign financial responsibility statements in order to gain access to the equipment.

Requirements for a minor in communication:

- Twenty-four semester hours in communication, including COM 224, 225, 232, 241 and one 300- or 400-level communication culture and society course.

Film and Media Arts Major

The film and media arts major is 60 credit hours, combining critical studies with production experiences, providing students with a foundation of theory and application. Blending “story” with “technology,” students study critical perspectives, and practice implementing techniques in traditional (16 mm) as well as emerging (digital) formats. Courses cover classic narrative, documentary and experimental forms, and utilize both single- and multiple-camera approaches.

Core Courses (12 hours):
- COM 225 Writing for Electronic Communication
- COM 232 Visual Literacy
- COM 241 Sound, Image and Motion

Critical Studies (16 hours)

- Students MUST take one of the following:
  - COM 260 American Cinema
  - COM 261 World Cinema
- Students MUST take TWO other 300-level and one 400-level communication aesthetics course. The choices are:
  - COM 300 The Documentary Tradition
  - COM 308 Film Aesthetics
  - COM 360 Film Directors

Electives (16 Hours)

Students must select FOUR more electives with advisor approval. Possible courses MAY include the following:
- COM 224 Communication and Society
- COM 263 Web Design
- COM 303 Studio Television I
- COM 333 Studio Television II
- COM 340 Screenwriting I
- COM 343 Advanced Post Production Techniques
- COM 363 CD/DVD Design and Production
- COM 440 Screenwriting II
- COM 460 Advanced Motion Picture and Digital Production
- COM 499 Senior Project Personal/Group
- MUS 108 Introduction to Recording and Electronic Music
- MUS 109 Recording and Synthesis Techniques
- MUS 330 Audio in Media
- WRI 240 Writing Drama

EMAT: Electronic Media Art and Technology

EMAT is an interdisciplinary program including courses offered in art, communication, information and technology management, music and writing. The program emphasizes design and production for interactivity and Web-based products for both commercial and artistic intent. It reflects the convergence between these areas in academic scholarship, aesthetic exploration and technical applications. The history, theory and mythologies of interactivity and the Internet are explored in order to provide a context
for the projects the students produce both individually and collaboratively. Please see EMAT after the Department of Education.

**Advertising Minor**

Students may minor in advertising by taking courses in both the John H. Sykes College of Business and the College of Liberal Arts and Sciences. The advertising minor is an interdisciplinary program offered through the departments of Communication, English, Writing and Composition, Marketing and Economics.

**Requirements for a minor in advertising:**

From the following courses .............. 21

- ECO 204 Principles of Microeconomics .............. 3
- MKT 300 Principles of Marketing .... 3
- MKT 411 Promotional Strategy ...... 3
- COM 224 Communication and Society ................... 4
- COM 232 Visual Literacy ..................... 4
- COM 382 Writing for Advertising and Public Relations ....... 4

At least two practicum courses selected from the following list, in consultation with the student’s advisor, are highly recommended:

- COM 225 Writing for Electronic Communication .......... 4
- COM 241 Sound, Image and Motion ... 4
- COM 263 Web Design ................. 4
- COM 280 Digital Imaging for Interactive Media .......... 4
- COM 303 Studio Television I ........... 4
- ART 206 Introduction to Graphic Design ............. 4
- ART 208 Beginning Photography ... 4
- ART 210 Beginning Computer Graphics .......... 4
- ART 215 Graphic Arts .................. 4

Administrative and advising responsibilities for the advertising minor reside with the chair of the Department of Communication.

**Criminology Major**

Requirements for a major in criminology:

- CRM 101 Introduction to Criminology .......... 4
- CRM 102 Introduction to Criminal Justice .......... 4
- CRM 405 Research Methods in Criminology .......... 4

The criminology major leads to a Bachelor of Science degree. Study in this discipline prepares a student to enter graduate school or secure an entry-level position in the criminal justice field.

The goals of the criminology major: to familiarize students with the major theoretical perspectives in criminology; to convey an accurate sense of the historical development of the discipline; to assure that students acquire a comprehensive understanding of the nature and extent of crime; to convey to students a solid understanding of the components, operations and processes of the criminal justice system; to create opportunities for students to obtain hands-on experience; and to assist students in developing effective communication skills.

**Criminology Scholars’ Program**

In order to reward outstanding students, the Criminology Department offers the Criminology Scholars’ Program. The purpose of this program is to introduce students to respected practitioners in the field of criminal justice. Each semester, a person from the community is selected to teach a course in his or her area of expertise. Students are invited to enroll in the class based upon GPA, interest in the subject matter, and recommendation from a criminology faculty member. Students who participate gain valuable knowledge, make contacts that may assist in career planning, and meet outstanding professionals from our community. Recent classes have been taught by Joseph Navarro, former special agent for the FBI; Julianne Holt, public defender for Hillsborough County; Robert Bickel, professor of law at Stetson University College of Law; Rex Barbas, Hillsborough County judge; Col. William Robbins, terrorism specialist; and Eileen Husselbaugh, legal counsel for the Bureau of Alcohol, Tobacco and Firearms.

**Department of Criminology**

**Faculty**: Associate Professor Capsambelis, Chair; Professor Hickey; Associate Professors Brinkley, Quinn; Assistant Professors Beckman, LaRose, Smith.
In addition, students must take a minimum of 24 hours of criminology electives that include 12 hours from 300- and 400-level courses. Transfer students must take 16 hours in residence within the major.

Students must choose at least one course from each of the three categories (A-C below) plus three additional courses from any area to fulfill the minimum 24-hour requirement of course electives.

A. Behavioral Theory
- CRM 210 Ethics in Justice
- CRM 212 Juvenile Delinquency
- CRM 300 Victimology
- CRM 310 Abnormal Behavior and Criminality
- CRM 406 Violence in America

B. Organizational
- CRM 200 Introduction to Law Enforcement
- CRM 203 Community Policing
- CRM 205 Community-Based Corrections
- CRM 206 Criminal Investigation
- CRM 306 Defense Investigation
- CRM 307 Introduction to Forensic Science
- CRM 313 Introduction to Corrections
- CRM 321 Comparative Criminology
- CRM 400 Crime and Punishment: Current Controversies
- CRM 427 Death Penalty

C. Law
- CRM 311 Criminal and Court Procedure
- CRM 312 Criminal Law
- CRM 317 Expert Witness Testimony
- CRM 323 Correctional Law
- CRM/GWA 404 Gender, Sexuality, and the Law
- CRM/GWA 402 Constitutional Law and the Supreme Court
- CRM/GWA 407 Constitutional Law, Race Relations and Civil Rights
- CRM/GWA 408 First Amendment and the Supreme Court

Individual Study Course Opportunities
Those students who are planning to attend graduate or law school and meet the requirements outlined in the Course Descriptions portion of this catalog are encouraged to take one of the following courses:
- CRM 401 Internship (4-16 credits)
- CRM 450 Independent Study
- CRM 451 Senior Thesis

Requirements for a minor in criminology:
Twenty semester hours, including CRM 101 or 102 and eight hours of credits numbered 300 or higher. CRM 401 Internship does not count toward the minor.

Law and Justice Minor
The law and justice minor program is administered jointly by the Government and Criminology departments, and provides students with the unique opportunity to complete a substantive course of law study at the undergraduate level. The interdisciplinary program offers the best of a theory-based, yet practical education. Students are provided with a substantive exposure to the law’s content while being encouraged to develop critical thinking skills. A practical component is offered in the minor that gives students the opportunity to intern in law firms, agencies, courts and businesses. The minor is designed to provide tools for students’ reasoned analyses of how legal processes operate and critical appraisals of the public policies that underlie those processes.

The minor offers a diverse course selection in business, criminal, constitutional, comparative, and international law. It also serves as an important and competitively strategic complement to the major to enhance future employment opportunities and graduate study options. The program’s emphasis on the development of critical thinking skills and clear analytical abilities serves as an invaluable preparation for students considering law or graduate school. The law and justice minor’s liberal arts foundation is in keeping with the AALS law school recommendation for pre-law study. Contact Professor James Beckman for further information about this program.
Requirements for a minor in law and justice:

Core ................................................12
(Must take all three courses.)
CRM 210 Ethics in Justice 4
GWA 204 Introduction to Law 4
CRM/ GWA 402 Constitutional Law and the Supreme Court 4

Speech ...............................................4
(Must take at least one; may also count toward general curriculum distribution requirements.)
SPE 200 Oral Communication 4
SPE 205 Oral Interpretation of Literature 4
SPE 208 Speech for Business and the Professions 4

Criminal Law ....................................4
(Must take at least one course.)
CRM 311 Criminal Procedure 4
CRM 312 Criminal Law 4
CRM 323 Correctional Law 4

International ..................................... 4
(Must take at least one course.)
GWA 409 Comparative Legal Systems: Western Europe 4
GWA 410 International Law 4

Elective ..................................... 7 or 8
(Any course listed above not taken from speech, criminal law or international law for requirement or any course listed below.)
PHL 201 Logic 4
PHL 217 Social and Political Philosophy 4
MGT 321 Law and Society 3
CRM 401 Internship 4
CRM/ GWA 408 The First Amendment and Supreme Court 4

Forensic Science Major
This Bachelor of Science Degree program is a multidisciplinary effort by the Departments of Criminology and Chemistry offering students a solid foundation in basic science and the criminal justice system. The program employs the principles of chemistry, biology, physics, and mathematics with social science theory and law to help solve crimes and serve the cause of justice. Please see Chemistry section for program details.

Department of Education

Faculty: Associate Professor O’Hara, Chair; Professor Silverman; Associate Professor Cloutier; Assistant Professors Almerico, Soublis Smyth, Hruska, and Harrison; Instructor Matassini.

Mission: The mission of the Department of Education is to develop teachers who are prepared to create compelling, active learning environments. Future teachers at The University of Tampa develop skills that enable them to create caring communities in which learner success and retention are maximized. Education faculty emphasize responsiveness to, and valuing of, human diversity and intercultural understanding. Education faculty work collaboratively with future teachers, local educators, community members, alumni and students to establish and facilitate a relevant, appropriate teacher preparation program. Research-based teacher development is facilitated through critical and analytical inquiry involving case studies, micro-teaching, videotaped self-evaluations and teaching practica. An essential aspect of all courses is that effective teaching requires analysis, reflection and conversation with and about learners, curricula and practices.

Philosophy: The best way for teachers to prepare learners well is to equip them with problem solving strategies that will enable them to cope with new challenges in their personal and professional lives. In the context of coping, learners are enabled to understand the subjective and changing nature of truth; that multiple perspectives exist and what is considered to be true by any one individual or at any one point in history may change over time.

The teacher’s role is to serve as a guide whose primary responsibility is to act as a facilitator for student learning. In the process of creating learning experiences and environments, the teacher takes into account
the well-being and development of the whole learner in terms of physical, emotional, social, aesthetic, intellectual and linguistic needs. The teaching and learning process needs to be characterized by extensive interaction between teacher and learners, and among learners themselves. Teachers provide learners with experiences that enable them to learn by doing, because meaningful learning is an active process.

School is a place where learners develop personal, as well as social, values. In the words of Maxine Greene, “We have to know about our lives, clarify our situations if we are to understand the world from our shared standpoints.” Schooling needs to prepare learners with a broad understanding of the democratic process and the role of the individual in that process. Such an understanding includes how governance structures operate in a democratic society. Schools should not only transmit knowledge about the existing social order, they should seek to reconstruct it, as well. Learners must be enabled to understand how individuals can take advantage of the democratic process and to act as change agents as they pursue efforts to restructure the society in positive ways.

Teachers need to place a premium on bringing the world into the classroom. Learning experiences need to include field trips, telecommunications, community-based projects of various sorts, and opportunities to interact with persons beyond the four walls of the classroom.

Teachers must allow learners freedom of creative choice and provide them with carefully designed experiences that will help them find meaning in their lives and find their own answers to questions. This does not suggest, however, that learners may do whatever they please. The choices that are offered to learners are well structured, and are designed to provide optimal learning. Curricula are judged by whether or not they contribute to the individual’s quest for personal and professional meaning. Appropriate curricula result in an increased level of personal awareness, as well as content-area knowledge.

**Teacher Education Programs at UT**

The following undergraduate programs are approved by the Florida Department of Education:

- Elementary Education (K-6)
- English (6-12)
- Mathematics (6-12)
- Physical Education (K-12) (Exercise Science)
- Biology (6-12)
- Social Sciences (6-12)
- Music Education (K-12)

Certification endorsements are offered in early childhood education (ages 3-8) and ESOL (English to Speakers of Other Languages). The ESOL endorsement is delivered through an infused model and cannot be earned separately from an elementary or secondary English teaching certificate. Courses are designed to provide students extensive experience working with children, adolescents and young adults in school settings.

Any course transferred to this university for purposes of meeting teacher certification requirements must be equivalent to a specific UT course.

**Florida State Teacher Education Mandates**

Florida state laws pertaining to requirements for certification in teacher education may be enacted after this edition of the UT Catalog has gone to press. Education students must comply with these requirements, even if they do not appear in this version of the catalog, in order to graduate from any Florida teacher education program or be certified to teach in the state of Florida. Such information will be made available in the Department of Education office, PH 439, and will appear in future editions of the UT catalog.

**ESOL (English to Speakers of Other Languages) Endorsement**

All Florida teacher education programs must provide ESOL training as part of elementary and secondary certification. Elementary education and secondary English education majors who began their programs
in or after fall 2000 as freshmen (regardless of institution) must complete 15 hours of ESOL coursework to earn an ESOL endorsement. This includes the following three ESOL courses: EDU 301 (Teaching Practicum I: TESOL), EDU 304 (TESOL I) and EDU 404 (TESOL II). The remaining seven hours will be infused into existing education courses. Secondary biology, math and social science education majors, as well as music education and physical education (exercise science) majors who began their programs in or after fall 2000 as freshmen (regardless of institution) must complete EDU 304.

Admission to Teacher Education

Students planning to enter teacher education programs must apply after they have completed at least 30 credit hours. Transfer students seeking to apply should do so immediately upon acceptance to the University. The Application for Admission to Teacher Education (available in the wall pockets outside PH 340 and 439 and online at www.ut.edu) must be completed and returned to UT’s Department of Education in November for spring admission consideration and in April for fall admission consideration. To enroll in 300-400 level education courses, students must be accepted into the teacher education program, unless they are transfer students with permission granted by the department chair.

Based upon an intensive review, the Teacher Education Review Committee may recommend or deny admission to the program.

Each semester, the Department of Education monitors the GPAs of students who have been admitted to teacher education. Continued professional standing is granted only with maintenance of a minimum 2.5 GPA in the major(s) and a minimum 2.5 GPA overall.

Florida Teacher Certification Examination

The 2002-03 FTCE passage rate for program completers was 100%.

Cooperative Learning

Education majors at The University of Tampa are required to engage in numerous cooperative group activities, projects and presentations. Many of these are prepared outside of class. The rationale for this requirement is two-fold:

- Contemporary teachers are required to understand, create and facilitate non-competitive group investigation and cooperative learning experiences in their classrooms. An understanding of the process of cooperation and the attainment of related skills is developed through one’s own involvement in such experiences.
- Teachers are compelled to collaborate and cooperate non-competitively with other teachers in their school, to team-teach, and to carry out various school missions, projects and presentations. Therefore, teacher preparation students are expected to create and implement group activities, projects and presentations. They are to be fully committed to such requirements in terms of availability, preparation, punctuality, reliability and the spirit of cooperation. Failure to meet these requirements may result in student dismissal from the Department of Education.

Teaching Practica

Secondary education biology, math, music, physical education and social science majors refer to the Required Secondary Education Courses component of this catalog for information regarding teaching practica.

All elementary education and secondary English education majors will participate in three teaching practica: Teaching Practicum I: TESOL, Teaching Practicum II, and Teaching Practicum III: Final Internship. The Practicum III requirement is completed during the student’s last semester. Students who desire to take Practicum III earlier must seek authorization from the director of interns, with the exception of students participating in intercollegiate sports, who must teach during the semester in which they are not participating in their sport.

Practicum III students spend a full semester in the schools. Students desiring to enroll in the Teaching Practicum III: Final
Internship program (EDU 406, 407, 411, 412 or 445) must apply the semester preceding the proposed practicum. A student must have been admitted to the teacher education program and must have:

1. an overall minimum 2.5 GPA on a 4.0 scale.
2. a minimum 2.5 GPA in the major area, and a minimum 2.5 GPA in the general curriculum distribution requirements.
3. passage of all sections of the FTCE: the General Knowledge Exam, the Professional Skills Test, and the Subject Area Test.

All requirements are subject to change to comply with state Department of Education regulations.

Students enrolled in EDU 406, 407, 411, 412 or 445 must concurrently enroll in EDU 444, Teaching Practicum III Seminar. No other courses may be taken during Practicum III.

Graduation from UT’s approved teacher education program satisfies eligibility criteria for a Florida temporary certificate and an initial teaching certificate in most other states.

Teacher Education Course Sequence

*Please note: EDU majors are required to take EDU 203 in lieu of ITM 200. Music Education majors do not take EDU 203; therefore must complete ITM 200.

The course sequence for each teacher education program follows. Please note that teacher education majors must complete more core courses than non-education majors in order to fulfill certification requirements.

Elementary Education Curriculum

Required Elementary Education Courses*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 200</td>
<td>Foundations of American Education (W)</td>
</tr>
<tr>
<td>EDU 201</td>
<td>Learning Theories and Individual Differences (W)</td>
</tr>
<tr>
<td>EDU 203</td>
<td>Technology in Education (W)</td>
</tr>
<tr>
<td>EDU 205</td>
<td>Creativity and the Learning Environment (W)</td>
</tr>
<tr>
<td>EDU 301</td>
<td>Teaching Practicum I: Teaching English to Speakers of Other Languages (TESOL)</td>
</tr>
<tr>
<td>EDU 304</td>
<td>TESOL I: Teaching English to Speakers of Other Languages I</td>
</tr>
<tr>
<td>EDU 314</td>
<td>Emerging Literacy: Birth to Eight Years (W)</td>
</tr>
<tr>
<td>EDU 315</td>
<td>Teaching Literacy and Language Arts in the Elementary School (W)</td>
</tr>
<tr>
<td>EDU 316</td>
<td>Developmental Reading (W)</td>
</tr>
<tr>
<td>EDU 326</td>
<td>Educational Assessment (W)</td>
</tr>
<tr>
<td>EDU 327</td>
<td>Teaching Art in the Elementary School</td>
</tr>
<tr>
<td>EDU 328</td>
<td>Teaching Music in the Elementary School</td>
</tr>
<tr>
<td>EDU 329</td>
<td>Teaching PE and Health in the Elementary School</td>
</tr>
<tr>
<td>EDU 330</td>
<td>Teaching Mathematics in the Elementary School</td>
</tr>
<tr>
<td>EDU 331</td>
<td>Teaching Science in the Elementary School</td>
</tr>
<tr>
<td>EDU 332</td>
<td>Teaching Social Studies in the Elementary School</td>
</tr>
<tr>
<td>EDU 333</td>
<td>Teaching in the Inclusive Classroom (W)</td>
</tr>
<tr>
<td>EDU 404</td>
<td>TESOL II: Teaching English to Speakers of Other Languages II</td>
</tr>
<tr>
<td>EDU 417</td>
<td>Diagnosis and Remediation of Reading Problems in the Elementary School</td>
</tr>
<tr>
<td>EDU 441</td>
<td>Classroom Management (W)</td>
</tr>
<tr>
<td>EDU 442</td>
<td>Learner Diversity and Cross-Cultural Understanding (NW) (W)</td>
</tr>
<tr>
<td>EDU 443</td>
<td>Teaching Practicum II: Elementary</td>
</tr>
<tr>
<td>EDU 444</td>
<td>Teaching Practicum III: Seminar Final Internship</td>
</tr>
<tr>
<td>EDU 445</td>
<td>Teaching Practicum III: Elementary Final Internship</td>
</tr>
</tbody>
</table>

*Boldfaced courses are ESOL infused courses.
### Elementary Education Course Sequence

**W**=Writing Intensive  
**NW**=Non-Western

#### Year 1

**First Semester, Freshman**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDU 200</td>
<td>Foundations of American Education</td>
<td>3</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition and Rhetoric I</td>
<td>4</td>
</tr>
<tr>
<td>GIS 101</td>
<td>Global Issues</td>
<td>4</td>
</tr>
<tr>
<td>GTW 100</td>
<td>Gateways</td>
<td>1</td>
</tr>
<tr>
<td>MAT 155</td>
<td>Finite Mathematics for Liberal Arts</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Sem. Hrs 16</strong></td>
<td></td>
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</tbody>
</table>

**Second Semester, Freshman**

<table>
<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>EDU 201</td>
<td>Learning Theories and Individual Differences</td>
<td>3</td>
</tr>
<tr>
<td>BIO 112, 120, 124 or MAR 126</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Composition and Rhetoric II</td>
<td>4</td>
</tr>
<tr>
<td>GTW 102</td>
<td>Gateways</td>
<td>1</td>
</tr>
<tr>
<td>MAT 153</td>
<td>College Geometry</td>
<td>2</td>
</tr>
<tr>
<td>MAT 160</td>
<td>College Algebra</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Sem. Hrs 17</strong></td>
<td></td>
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</tbody>
</table>

#### Year 2

**First Semester, Sophomore**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 203</td>
<td>Technology in Education</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Fine Arts Choice (Music, Art, Dance or Drama)</td>
<td>3-4</td>
</tr>
<tr>
<td>SOC 100</td>
<td>Introduction to Sociology</td>
<td>4</td>
</tr>
<tr>
<td>SPE 200</td>
<td>Oral Communication</td>
<td>4</td>
</tr>
<tr>
<td>CHE 126</td>
<td>Chemical Science</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Sem. Hrs 16-17</strong></td>
<td></td>
</tr>
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</table>

**Second Semester, Sophomore**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 205</td>
<td>Creativity and the Learning Environment</td>
<td>3</td>
</tr>
<tr>
<td>HIS 202, 203, 205, 206, 210, 212 or 215</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>PHL (Choice) Philosophy</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PSY 200</td>
<td>General Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PHY 125</td>
<td>Physical Science w/lab</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Sem. Hrs 18</strong></td>
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#### Year 3

**First Semester, Junior**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>EDU 301</td>
<td>Teaching Practicum I: TESOL</td>
<td>2</td>
</tr>
<tr>
<td>EDU 304</td>
<td>TESOL</td>
<td>3</td>
</tr>
<tr>
<td>EDU 314</td>
<td>Emerging Literacy</td>
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</tr>
<tr>
<td>EDU 326</td>
<td>Educational Assessment</td>
<td>3</td>
</tr>
<tr>
<td>EDU 327</td>
<td>Teaching Art in the Elementary School</td>
<td>2</td>
</tr>
<tr>
<td>EDU 328</td>
<td>Teaching Music in the Elementary School</td>
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<tr>
<td>EDU 329</td>
<td>Teaching, PE and Health in the Elementary School</td>
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<td><strong>Sem. Hrs 17</strong></td>
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**Second Semester, Junior**

<table>
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<tbody>
<tr>
<td>EDU 315</td>
<td>Teaching Literature and Language Arts in the</td>
<td>3</td>
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<td>Elementary School</td>
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<tr>
<td>EDU 316</td>
<td>Developmental Reading</td>
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<tr>
<td>EDU 330</td>
<td>Teaching Math in the Elementary School</td>
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<tr>
<td>EDU 331</td>
<td>Teaching Science in the Elementary School</td>
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</tr>
<tr>
<td>EDU 332</td>
<td>Teaching Social Studies in the Elementary School</td>
<td>3</td>
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<tr>
<td>EDU 441</td>
<td>Classroom Management</td>
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#### Year 4

**First Semester, Senior**

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<thead>
<tr>
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<tbody>
<tr>
<td>EDU 404</td>
<td>TESOL II</td>
<td>3</td>
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<tr>
<td>EDU 417</td>
<td>Diagnosis and Remedy of Reading Problems in the</td>
<td>3</td>
</tr>
<tr>
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<td>Elementary School</td>
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</tr>
<tr>
<td>EDU 333</td>
<td>Teaching in the Inclusive Classroom</td>
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</tr>
<tr>
<td>EDU 442</td>
<td>Learner Diversity and Cross-Cultural Understanding</td>
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<tr>
<td>EDU 443</td>
<td>Teaching Practicum II: Elementary</td>
<td>4</td>
</tr>
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**Second Semester, Senior**

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<tr>
<td>EDU 444</td>
<td>Teaching Practicum III Seminar</td>
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<tr>
<td>EDU 445</td>
<td>Teaching Practicum III: Elementary Final Internship</td>
<td>10</td>
</tr>
<tr>
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<td><strong>Sem. Hrs 12</strong></td>
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</tbody>
</table>
Note: It is the student’s responsibility to meet all institutional requirements for Florida teacher certification. Every effort should be made to take the courses in the semester sequence outlined above. Failure to do so may result in a lengthening of the undergraduate program, postponing the anticipated date of graduation. Please note that some courses must be taken concurrently with others to fulfill all requirements.

The department will periodically offer the courses EDU 252, 321, 322 and 323 required for early childhood education endorsement and subsequent certification.

Secondary Education Curricula

Biology (6-12), English (6-12), Physical Education (K-12) (Exercise Science), Mathematics (6-12), Music (K-12) and Social Sciences (6-12)

Required Secondary Education Courses*

EDU 200 Foundations of American Education (W)
EDU 201 Learning Theories and Individual Differences (W)
EDU 203 Technology in Education (not PE majors) (W)
EDU 301 Teaching Practicum I: Teaching English to Speakers of Other Languages (English majors only)
EDU 304 TESOL I: Teaching English to Speakers of Other Languages I
EDU 306 Teaching Reading in the Secondary Content Areas (not PE majors)
EDU 326 Educational Assessment (not PE majors)
EDU 333 Teaching in the Inclusive Classroom (not PE majors) (W)
EDU 401 Teaching Practicum II: Secondary (not music or PE majors)
EDU 404 TESOL II: Teaching English to Speakers of Other Languages II (English majors only)

EDU 441 Classroom Management (W)
EDU 442 Learner Diversity and Cross-Cultural Understanding (NW) (W)
EDU 444 Teaching Practicum III Seminar: Final Internship

The following methods courses are required depending upon major:

EDU 300 Teaching Language Arts in the Secondary Schools (English)
EDU 308 Teaching Social Studies in the Secondary Schools (Social Studies)
EDU 310 Teaching Science in the Secondary Schools (Biology)
EDU 311 Teaching Mathematics in the Secondary Schools (Mathematics)
EDU 328 Teaching Music in the Elementary School (Music)
EDU 329 Teaching PE and Health in the Elementary School (PE)
EDU 424 Middle School and Secondary Music Education (Music)
EDU 425 Teaching Middle and Secondary School Education (Exercise Science)

One of the following teaching practica is required:

EDU 406 Teaching Practicum III: Elementary and Secondary (Music K-12, PE K-12) Final Internship
EDU 407 Teaching Practicum III: Secondary Final Internship
EDU 411 Teaching Practicum III: Elementary PE (K-8) Final Internship
EDU 412 Teaching Practicum III: Secondary PE (6-12) Final Internship

*Boldfaced entries indicate ESOL-infused courses.
W=Writing Intensive
NW=Non-Western
Biology Education Major

Secondary biology education majors earn certification in biology for grades 6-12. Students also earn the necessary ESOL endorsement required by the state of Florida to teach in public schools. Biology education majors are required to take all of the secondary education courses listed earlier in this section and the following 40 hours of Biology courses:

Prerequisites:
- BIO 203 Biological Diversity .......... 4
- BIO 204 Biological Unity .............. 4
- CHE 152 General Chemistry I .......... 3
- CHE 153 General Chemistry I Lab ... 1
- CHE 154 General Chemistry II ........ 3
- CHE 155 General Chemistry II Lab ... 1

Required Courses:
- BIO 330 General Physiology .......... 4

Choose one:
- BIO 228 Biology of Plants
- MAR 327 Marine Biology

Total Credits .................... 4

Choose one:
- BIO 300 Genetics
- BIO 320 Molecular Genetics

Total Credits .................... 4

Choose one ecology course:
- BIO 212 Ecology
- BIO 242 Intro. to Environmental Science Policy
- MAR 322 Marine Ecology
- BIO 346 Conservation BIO
- MAR 301 Physical Oceanography
- BIO 400 Evolution

Total Credits .................... 4

Choose one organismal course:
- BIO 220 Behavioral BIO
- BIO 224 Invertebrate Zoology
- BIO 225 Vertebrate Zoology
- BIO 250 Cell BIO
- BIO 317 Parasitology
- MAR 226 Marine Zoology
- BIO 340 Ichthyology
- MAR 327* Marine Botany

Total Credits .................... 4

*(Note: MAR 327 requires selection of MAR 222 from the ecology elective area. MAR 327 cannot serve as an organismal elective if taken in substitution for BIO 228.)

Choose one molec/cell course:
- BIO 307 Microbiology
- BIO 310 Developmental BIO
- BIO 350 Cell Biology
- BIO 360 Immunology

Total Credits .................... 4

Total Biology Hours 40

Secondary Biology Education Baccalaureate Course Sequence

Year 1
First Semester, Freshman
- EDU 200 Foundations of American Education .................. 3
- ENG 101 Composition and Rhetoric ...................... 4
- GIS 101 Global Issues .................... 4
- GTW 100 Gateways ..................... 1
- BIO 203 Biological Diversity .......... 4

Sem. Hrs. 16

Second Semester, Freshman
- EDU 201 Learning Theories and Individual Differences .. 3
- ENG 102 Composition and Rhetoric .......... 4
- GTW 102 Gateways ..................... 1
- MAT 170 Pre-Calculus ................. 4
- BI 204 Biological Unity .......... 4

Sem. Hrs. 16

Year 2
First Semester, Sophomore
- EDU 203 Technology in Education ... 2
- Fine Arts Choice (art, music, dance, drama) .................. 3-4
- SOC 100 Introduction to Sociology .................. 4
- SPE 200 Oral Communication ........... 4
- CHE 152 General Chemistry I ...... 3
- CHE 153 General Chemistry I Lab ... 1

Sem. Hrs. 17-18

Second Semester, Sophomore
- HIS 202, 203, 205, 206, 210, 212, or 215 ................. 4
- PHL (Choice) Philosophy .................. 4
- PSY 200 General Psychology .......... 4
- MAT 153* Geometry .................. 2
CHE 154* General Chemistry II ..... 3
CHE 155* General Chemistry II
Lab .................................. 1
Sem. Hrs. 18

# Course offered in fall only
* Course offered in spring only

First Semester, Junior
EDU 304 TESOL I ...................... 3
EDU 306* Teaching Reading in
Secondary Content .............. 3
MAT choice .......................... 4
BIO 300 Genetics
or BIO 320 Molecular Genetics ...... 4
BIO 330* General Physiology ...... 4
Sem. Hrs. 18

Second Semester, Junior
EDU 310* Teaching Science in
Secondary Schools .............. 4
EDU 326 Educational Assessment ... 3
EDU 333 Teaching in the Inclusive
Classroom ......................... 3
BIO 228* Biology of Plants
or MAR 327*+ Marine Botany ...... 4
Ecology choice (choose one: BIO
212#, 242#, 346*, 400*
MAR 222*, 301*) ........ 4
Sem. Hrs. 18

# Course offered in fall only
* Course offered in spring only
+ Requires selection of MAR 222 from
the ecology elective area. MAR 327
cannot serve as an organismal elective if
taken in substitution for BIO 228.

Depending on when courses are offered,
the biology, ecology, organismal, and
molec/cell suggested sequence during
junior and senior years may be altered to fit
the student’s needs.

Depending on when courses are offered,
the liberal arts requirements during the
sophomore and freshman years may be al-
tered to fit the student’s needs; however, all
education courses should remain in the sug-
gested course sequence.

It is the student’s responsibility to meet
all institutional requirements for Florida
teacher certification. Every effort should be
made to take the courses in the semester
sequence outlined above. Failure to do so
may result in a lengthening of the under-
graduate program, postponing the antici-
pated date of graduation. Please note that
some courses must be taken concurrently
with others to fulfill all requirements.

Secondary English Education
Major

Secondary English education majors earn
certification in English for grades 6-12. Stu-
dents also will earn the necessary ESOL en-
dorsement required by the state of Florida
to teach in public schools. English educa-
tion majors are required to take all of the
secondary education courses listed earlier in
this section and the following 32 hours of
English courses.

ENG 201 World Literature .......... 4

Choose one:
ENG 204 Advanced Composition
WRI 274 Creative Non-fiction
WRI 200 Intro to Creative Writing ... 4
Choose one:
ENG 205 Advanced English Grammar
ENG 210 Basic Linguistics .......... 4

Choose Three of the following:
ENG 206 British Literature I
ENG 207 British Literature II
ENG 208 American Literature I
ENG 209 American Literature II ... 12

Choose two 300+ level ENG literature courses ..................................... 8

Total English Hours 32

Secondary English Education Baccalaureate Course Sequence

Year 1
First Semester, Freshman
EDU 200 Foundations of American Education .................. 3
ENG 101 Composition and Rhetoric I .................. 4
GIS 101 Global Issues .................. 4
GTW 100 Gateways .................. 1
MAT 155 Finite Mathematics for the Liberal Arts .................. 4

Sem. Hrs. 16

Second Semester, Freshman
EDU 201 Learning Theories and Individual Differences ...... 2
EDU 203 Technology in Education ... 2
BIO 112, 120, 124, or MAR 126 .... 3
ENG 102 Composition and Rhetoric II .................. 4
GTW 102 Gateways .................. 1
MAT 155 Finite Mathematics for the Liberal Arts .................. 4
MAT 160 College Algebra .................. 4

Sem. Hrs. 18

Year 2
First Semester, Sophomore
SOC 100 Introduction to Sociology ... 4
SPE 200 Oral Communication ....... 4
PHY 125 Physical Science (with lab)+ .................. 3
ENG 201 World Literature ........... 4
ENG 206, 207, 208, or 209 ........... 4

Sem. Hrs. 19

Second Semester, Sophomore
HIS 202, 203, 205, 206, 210, 212, or 215 .................. 4
PHL (Choice) Philosophy .................. 4
PSY 200 General Psychology ........... 4
CHE 126 Chemistry and Society+ ... 3
ENG literature course choice @ 300 level .................. 4

Sem. Hrs. 19

+ Both Chemistry and Physics are required; one must have a lab.
^ Please note that all students who wish to take 19 hours in one semester must apply to the University for approval. Please refer to the UT Catalog for details.

Year 3
First Semester, Junior
Fine Arts Choice (art, music, dance, drama) .................. 3
EDU 301 Teaching Practicum I: TESOL .................. 2
EDU 304 TESOL I .................. 3
EDU 306# Teaching Reading in Secondary Content ........... 3
ENG 201 World Literature ........... 4
ENG 206, 207, 208, or 209 ........... 4

Sem. Hrs. 19

Second Semester, Junior
EDU 300* Secondary Methods of Teaching English ........... 4
EDU 333 Teaching in the Inclusive Classroom .................. 3
EDU 326 Educational Assessment ... 3
ENG 204 or WRI 274 or WRI 200 .. 4
ENG 206, 207, 208, or 209 ........... 4

Sem. Hrs. 18

# Course offered in fall only
* Course offered in spring only
^ Please note that all students who wish to take 19 hours in one semester must apply to the University for approval. Please refer to the UT Catalog for details.
Year 4
First Semester, Senior
EDU 401 Teaching Practicum. II
Secondary ........................ 4
EDU 404 TESOL II ........................ 3
EDU 441 Classroom Management ... 3
EDU 442 Learner Diversity and Cross-Cultural Understanding ............... 3
ENG literature course choice
@ 300 level ............................. 4
Sem. Hrs. 17
Second Semester, Senior
EDU 407 Teaching Practicum III:
Secondary ............................. 10
EDU 444 Teaching Practicum III Seminar .......................... 2
Sem. Hrs. 12

This is the suggested course sequence. The education classes should remain as suggested. All other English courses can be re-arranged to fit the student’s needs. Please note that some courses are offered every other year only. Please refer to the UT Catalog for specifics.

It is the student’s responsibility to meet all institutional requirements for Florida teacher certification. Every effort should be made to take the courses in the semester sequence outlined above. Failure to do so may result in a lengthening of the undergraduate program, postponing the anticipated date of graduation. Please note that some courses must be taken concurrently with others to fulfill all requirements.

Secondary Mathematics Education Major
Secondary mathematics education majors will earn certification in mathematics for grades 6-12. Students will also earn the necessary ESOL endorsement required by the state of Florida to teach in public schools. Mathematics education majors are required to take all of the secondary education courses listed earlier in this section and the following 40 hours of mathematics courses.

MAT 299 Intro to Higher Math ...... 4
MAT 310 Probability and Mathematical Statistics ...... 4
MAT 490 Senior Seminar .................. 1
Choose one:
MAT 308 Linear Algebra
MAT 420 Modern Abstract Algebra
Total Credits .......................... 4
Choose three:
MAT 300 Differential Equations
MAT 301 Discrete Math
MAT 401 Real Analysis
MAT 410 Complex Analysis
MAT 499 Selected Topics
Total Credits .......................... 12
Total Mathematics Hours 37

Secondary Mathematics Education Baccalaureate Course Sequence
Year 1
First Semester, Freshman
EDU 200 Foundations of American Education ........................ 3
ENG 101 Composition and Rhetoric I ........................ 4
GIS 101 Global Issues ............................. 4
GTW 100 Gateways ............................ 1
MAT 260 Calculus I ......................... 4
Sem. Hrs. 16
Second Semester, Freshman
EDU 201 Learning Theories and Individual Differences ...... 3
EDU 203 Technology in Education ... 2
BIO 112, 120, 124, or MAR 126 .... 3
ENG 102 Composition and Rhetoric II .......................... 4
GTW 102 Gateways ............................ 1
MAT 261 Calculus II ......................... 4
Sem. Hrs. 17

Year 2
First Semester, Sophomore
Fine Arts Choice (art, music, dance, drama) .................... 3-4
SOC 100 Introduction to Sociology .......................... 4
SPE 200 Oral Communication .......................... 4
PHY 125 Physical Science (with lab)+ .................... 3
MAT 262 Calculus III ......................... 4
Sem. Hrs. 18-19
Second Semester, Sophomore
HIS 202, 203, 205, 206, 210, 212, or 215 .................. 4
PHL (Choice) Philosophy .................. 4
PSY 200 General Psychology ........... 4
MAT 299* Introduction to Higher Math .................. 4
Sem. Hrs. 16

# Course offered in fall only
* Course offered in spring only
+ Both Chemistry and Physics are required; one must have a lab. They can be taken in different semesters.

Year 3
First Semester, Junior
EDU 304 TESOL I .......................... 3
EDU 306# Teaching Reading in Secondary Content .......... 3
EDU 326 Educational Assessment (not PE majors) .......... 3
MAT 310& Probability and Statistics .................. 4
Choose one: MAT 300, 301, 401, 410, or 499 ........... 4
Sem. Hrs. 17

Second Semester, Junior
CHE 126 Chemistry and Society+ ... 3
EDU 333 Teaching in the Inclusive Classroom ........... 3
MAT 308 Linear Algebra .................. 4
or MAT 420 Modern Abstract Algebra
Choose one: MAT 300, 301, 401, 410, or 499 ........... 4
Sem. Hrs. 18

# Course offered in fall only
* Course offered in spring only
& Important note: Course offered only once every two years (be careful)

Year 4
First Semester, Senior
EDU 401 Teaching Practicum II Secondary .................. 4
EDU 441 Classroom Management ... 3
EDU 442L Learner Diversity and Cross-Cultural Understanding ........... 3
Choose one: MAT 300, 301, 401, 410, or 499 ........... 4
MAT 490 Senior Seminar .................. 1
Sem. Hrs. 15

Second Semester Senior
EDU 407 Teaching Practicum III: Secondary Final Internship .................. 10
EDU 444 Teaching Practicum III Seminar .................. 2
Sem. Hrs. 12

This is the suggested course sequence. The education classes should remain as suggested. All other courses can be re-arranged to fit the student’s needs. Keep in mind that many MAT courses have pre-requisites and are offered only once every two years.

It is the student’s responsibility to meet all institutional requirements for Florida teacher certification. Every effort should be made to take the courses in the semester sequence outlined above. Failure to do so may result in a lengthening of the undergraduate program, postponing the anticipated date of graduation. Please note that some courses must be taken concurrently with others to fulfill all requirements.

Secondary Social Science Education Major

Secondary social science education majors earn certification in social science for grades 6-12. Students also earn the necessary ESOL endorsement required by the state of Florida to teach in public schools. Social science education majors are required to take all of the secondary education courses listed earlier in this section and the following 39 hours of social science courses.

PSY 200 General Psychology ........... 4
HIS 102 World History to 1500 ... 4
HIS 103 World History 1500 to Present .................. 4
HIS 202 U.S. to 1877 ............ 4
HIS 203 U.S. since 1877 ............ 4
GWA 200 American Government .... 4
ECO 205 Principles of Macroeconomics ........ 3
Choose one history course from the following areas:
- Asian
- African
- Latin American
- Middle Eastern
  Total Credits .................... 4

Choose one geography course:
- GEO 102 World Geographical Problems
- GEO 202 Physical Geography
- GEO 205 Principles of Resource Utilization
- GEO 207 Economic Geography
  Total Credits .................... 4

History choice:
- choose one 300+ History course that is not in conflict with any above choices ................... 4
  Total Social Science Hours 39

Secondary Social Science Education Baccalaureate Course Sequence

<table>
<thead>
<tr>
<th>Year 1</th>
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<tbody>
<tr>
<td><strong>First Semester, Freshman</strong></td>
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<tr>
<td>EDU 200 Foundations of American Education</td>
<td>3</td>
</tr>
<tr>
<td>ENG 101 Composition and Rhetoric I</td>
<td>4</td>
</tr>
<tr>
<td>GIS 101 Global Issues</td>
<td>4</td>
</tr>
<tr>
<td>GTW 100 Gateways</td>
<td>1</td>
</tr>
<tr>
<td>MAT 155 Finite Mathematics for Liberal Arts</td>
<td>4</td>
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<tr>
<td><strong>Sem. Hrs. 16</strong></td>
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| **Second Semester, Freshman**       |   |
| EDU 201 Learning Theories and Individual Differences...................... | 3 |
| BIO 112, 120, 124, or MAR 126 ... 3 |
| ENG 102 Composition and Rhetoric II                                     | 4 |
| GTW 102 Gateways                                                       | 1 |
| MAT 153 College Geometry                                               | 2 |
| MAT 160 College Algebra                                               | 4 |
| **Sem. Hrs. 17**                                                             |

**Year 2**

| **First Semester, Sophomore**       |   |
| FineArts Choice (art, music, dance, drama) .................................. | 3-4 |
| SPE 200 Oral Communication          | 4 |
| PHY 125 Physical Science with lab .. | 3 |

| **HIS 102 World History 1500 to Present .................................... | 4 |
| **PSY 200 General Psychology .......... | 4 |
| **Sem. Hrs. 18-19**                                                             |

**Second Semester, Sophomore**

- EDU 203 Technology in Education ........................................... 2
- PHL (Choice) Philosophy .................................................. 4
- CHE 126 Chemistry and Society+ ........................................ 3
- HIS 103 World Civilization II ............................................. 4
- GWA 200* American Government ........................................... 4
  **Sem. Hrs. 17**

* Course offered in the spring only

**Year 3**

| **First Semester, Junior**         |   |
| EDU 304 TESOL I........................ | 3 |
| EDU 306# Teaching Reading in Secondary Content ........................................... 3 |
| EDU 326 Educational Assessment .... 3 |
| HIS 202 U.S. to 1877 .................. | 4 |
| ECO 205 Principle of Macroeconomics ........................................ | 3 |
| **Sem. Hrs. 16**                                                             |

**Second Semester, Junior**

- EDU 308* Sec. Methods .................................................. 4
- EDU 333 Teaching in the Inclusive Classroom ..................................... 3
- HIS 203 U.S. Since 1877 .................................................. 4
- HIS choice (Asian, African, Latin American, ...................... 4
  or Middle Eastern)
  **Sem. Hrs. 15**

* Course only offered in spring

**Year 4**

| **First Semester, Senior**         |   |
| EDU 401 Teaching Practicum II Secondary ........................................ | 4 |
| EDU 441 Classroom Management ... 3 |
| EDU 442 Learner Diversity and Cross-Cultural Understanding .................. 3 |
| GEO Choose one (102#, 202#, 205#, 207*) .................................. | 4 |
| HIS Choice (300-400 level) ........ | 4 |
| **Sem. Hrs. 18**                                                             |
Second Semester, Senior
EDU 407 Teaching Practicum III ... 10
EDU 444 Teaching Practicum III Seminar ........................... 2

# Course offered in fall only
* Course offered in spring only
This is the suggested course sequence. The education classes should remain as suggested. All other social science courses can be re-arranged to fit the student’s needs.
It is the student’s responsibility to meet all institutional requirements for Florida teacher certification. Every effort should be made to take the courses in the semester sequence outlined above. Failure to do so may result in a lengthening of the undergraduate program, postponing the anticipated date of graduation. Please note that some courses must be taken concurrently with others to fulfill all requirements.

Music Education
Students who seek teacher certification in music should refer to the music section of this catalog for all required music courses and the following education course sequence.

Secondary and K-12 Music Education Baccalaureate Course Sequence

Year 1
First Semester, Freshman
EDU 200 Foundations of American Education ...................... 3
ENG 101 Composition and Rhetoric I ................................. 4
GIS 101 Global Issues ............................................. 4
GTW 100 Gateways .................................................. 1
ITM 200 Introduction to Computers ................................... 1
MAT 155 Finite Math .................................................. 4
Sem. Hrs. 17

Second Semester, Freshman
EDU 201 Learning Theories and Individual Differences ....... 3
BIO 112, 120, 124 or MAR 126 .................. 3
ENG 102 Composition and Rhetoric II .................... 4
GTW 102 Gateways .................................................. 1
MAT 153* College Geometry ................................. 2
MAT 160 College Algebra ........................................ 4
Sem. Hrs. 17

Year 2
First Semester, Sophomore
EDU 203 Technology in Education (not PE) .......................... 2
FINE ARTS Choice(Music, Arts, Dance, or Drama) .......... 3-4
SOC 100 Introduction to Sociology ................................. 4
SPE 200 Oral Communication ................................. 4
PHY 125 Physical Science with lab .......................... 3
Sem. Hrs. 14-17

Second Semester, Sophomore
HIS 202, 203, 205, 210, 212, or 215 ................... 4
PSY 200 General Psychology .................................. 4
CHE 126 Chemistry and Society .......................... 3
Sem. Hrs. 15

Secondary and K-12 Music Education Course Sequence

Year 3
First Semester, Junior
EDU 304 TESOL I .............................................. 3
EDU 306# Teaching Reading in Secondary Content + ...... 3
EDU 328 Teaching Music in the Elementary School (Music only) .......... 2
Plus courses required for music major
EDU Sem. Hrs. 8

Second Semester, Junior
EDU 424* Secondary Methods .... 3-4
EDU 333 Teaching in the Inclusive Classroom ...................... 3
EDU 326 Educational Assessment .......................... 3
Plus courses required for music major
EDU Sem. Hrs. 9

Year 4
First Semester, Senior
EDU 441 Classroom Management... 3
EDU 442 Learner Diversity and Cross-Cultural Understanding .................. 3
EDU 407 Teaching Practicum III Final Internship ............ 10
EDU 444 Teaching Practicum III Seminar ............................. 2
Plus courses required for music major
EDU Sem. Hrs. 6
# Second Semester Senior

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDU 444</td>
<td>Teach. Practicum III: Seminar Final Internship</td>
<td>2</td>
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<tr>
<td>One of the following Teaching Practica:</td>
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<tr>
<td>EDU 406</td>
<td>Teach. Practicum III: Elementary and Secondary (Music and PE K-12) Final Internship</td>
<td>10</td>
</tr>
<tr>
<td>EDU 407</td>
<td>Teach. Practicum III: Sec. Final Internship</td>
<td>10</td>
</tr>
<tr>
<td>EDU 411</td>
<td>Teach. Practicum III: Elem. PE (K-8) Final Internship</td>
<td>10</td>
</tr>
<tr>
<td>EDU 412</td>
<td>Teach. Practicum III: Sec. (6-12) Final Internship</td>
<td>10</td>
</tr>
<tr>
<td>EDU Sem. Hrs.</td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

It is the student’s responsibility to meet all institutional requirements for Florida teacher certification. Every effort should be made to take the courses in the semester sequence outlined above. Failure to do so may result in a lengthening of the undergraduate program postponing the anticipated date of graduation. Please note in the catalog that some courses must be taken concurrently with others to fulfill all requirements.

## Exercise Science

Students who seek teacher certification in exercise science should refer to the exercise science section of this catalog and the following course sequence.

### Secondary Education Exercise Science Baccalaureate Course Sequence

#### Year 1

**First Semester, Freshman**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 200</td>
<td>Foundations of American Education</td>
<td>3</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition and Rhetoric I</td>
<td>4</td>
</tr>
<tr>
<td>GIS 101</td>
<td>Global Issues</td>
<td>4</td>
</tr>
<tr>
<td>GTW 100</td>
<td>Gateways</td>
<td>1</td>
</tr>
<tr>
<td>MAT 155</td>
<td>Finite Mathematics for the Liberal Arts</td>
<td>4</td>
</tr>
<tr>
<td>Sem. Hrs.</td>
<td></td>
<td>16</td>
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**Second Semester, Freshman**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDU 201</td>
<td>Learning Theories and Individual Differences</td>
<td>3</td>
</tr>
<tr>
<td>BIO 112, 120, 124, or MAR 126</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

#### Year 2

**First Semester, Sophomore**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 203</td>
<td>Technology in Education (not PE)</td>
<td>2</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Composition and Rhetoric II</td>
<td>4</td>
</tr>
<tr>
<td>GTW 102</td>
<td>Gateways</td>
<td>1</td>
</tr>
<tr>
<td>MAT 153*</td>
<td>College Geometry</td>
<td>2</td>
</tr>
<tr>
<td>MAT 160</td>
<td>College Algebra</td>
<td>4</td>
</tr>
<tr>
<td>Sem. Hrs.</td>
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**Second Semester, Sophomore**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 202, 203, 205, 206, 210, 212, or 215</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>PHL (Choice)</td>
<td>Philosophy</td>
<td>4</td>
</tr>
<tr>
<td>PSY 200</td>
<td>General Psychology</td>
<td>4</td>
</tr>
<tr>
<td>CHE 126</td>
<td>Chemistry and Society</td>
<td>3</td>
</tr>
<tr>
<td>Sem. Hrs.</td>
<td></td>
<td>16-17</td>
</tr>
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</table>

#### Year 3

**First Semester, Junior**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 304</td>
<td>TESOL I</td>
<td>3</td>
</tr>
<tr>
<td>EDU 306#</td>
<td>Teaching Reading in Secondary Content</td>
<td>3</td>
</tr>
<tr>
<td>EDU 425#</td>
<td>Secondary Methods</td>
<td>4</td>
</tr>
<tr>
<td>Plus courses required for PE major</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sem. Hrs.</td>
<td></td>
<td>10</td>
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</table>

**Second Semester, Junior**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDU 329</td>
<td>Teaching PE and Health in Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>Plus courses required for PE major</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sem. Hrs.</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

# Course offered in fall only

#### Year 4

**First Semester, Senior**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 441</td>
<td>Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>EDU 442</td>
<td>Learner Diversity and Cross-Cultural Understanding</td>
<td>3</td>
</tr>
<tr>
<td>Plus courses required for PE major</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sem. Hrs.</td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>
Second Semester, Senior
EDU 412 Teaching Practicum III: Final Internship ............. 10
EDU 444 Teaching Practicum III Seminar ......................... 2
Sem Hrs. 12

It is the student’s responsibility to meet all institutional requirements for Florida teacher certification. Every effort should be made to take the courses in the semester sequence outlined above. Failure to do so may result in a lengthening of the undergraduate program, postponing the anticipated date of graduation. Please note that some courses must be taken concurrently with others to fulfill all requirements.

EMAT: Electronic Media Art and Technology Degree Program
Faculty: Art, communication, English and writing, information technology and music faculty participate in the delivery of this degree program.

EMAT is an interdisciplinary program including courses offered in art, communication, information and technology management, music and writing, and is administered collaboratively by these departments. The program emphasizes designing and producing for interactivity and Web-based products for both commercial and artistic intent. It reflects the convergence between these areas in academic scholarship, aesthetic exploration and technical applications. The history, theory and mythologies of interactivity and the Internet are explored in order to provide a context for the projects the students produce both individually and collaboratively.

All students are required to take 11 core courses, totaling 42 credits, and designated elective courses offered within the participating programs, for a minimum of 60 total credits.

Courses:
Interdisciplinary Core
11 core classes - 42 credits

| ART 204 Beginning Design .......... 4 |
| ART 210 Beginning Computer Graphics ...................... 4 |
| ART 277 History: Foundations of Modern Art .............. 4 |
| COM 232 Visual Literacy ............... 4 |
| COM 280 Digital Imaging for Interactive Media ............. 4 |
| COM/WRI 346 Writing for Interactive Media .................. 4 |
| COM 363 CD / DVD Design and Production* .................. 4 |
| or | COM 263 Web Design* .................... 4 |
| or | COM 380 Culture, Society and Computing Technology .......... 4 |
| or | MUS 108 Introduction to Recording and Electronic Music ...... 3 |
| or | ITM 251 Visual Basic .................... 3 |
| or | ART 499 Senior Project** ............... 4 |
| or | COM 499 Senior Project** ............... 4 |
| or | ITM 499 Senior Project** ............... 4 |
| or | MUS 499 Senior Project** ............... 4 |

Can take COM 263 or COM 363 to satisfy core. If both are taken, one will count toward a COM elective.

**The senior project is discipline-specific, so only one of the 499s is taken, depending on the student’s area of interest and expertise, and requires a faculty advisor for the project.

Interdisciplinary Electives
- Minimum of 18 additional credits from the following list of classes
- See specific areas for details on concentrations and minors.
- No concentration must be fulfilled; any grouping of courses can be taken according to student interests and needs.

Art*

| ART 153 Beginning Drawing .......... 4 |
| ART 202 Beginning Sculpture .......... 4 |
| ART 208 Beginning Photography .......... 4 |
| ART 217 3D Computer Animation .......... 4 |
ART 310 Advanced Computer Graphics .......................... 4

*Students may take no more than eight additional hours of art history to complete a concentration in art.

Communication*
COM 225 Writing for Electronic Communication .......... 4
COM 241 Sound, Image and Motion ... 4
COM 243 Production I .......................... 4
COM 323 Frontiers of Telecommunication .............. 4
COM 343 Production II .......................... 4
COM 382 Writing for Advertising and Public Relations .......... 4
COM 425 Information Technology and Human Values .......... 4
COM 442 Advanced Producing for Motion Picture and Digital Media ...................................... 4

*Complete 20 credits for a concentration in COM.

Music*
MUS 112 Musicianship I .................... 1
MUS 122 Music Theory I .................. 3
MUS 113 Musicianship II .................... 1
MUS 123 Music Theory II .................. 3
MUS 109 Recording and Synthesis Techniques .................. 3
MUS 110 Piano I – Keyboarding .......... 1
MUS 111 Piano II – Keyboarding .......... 1
MUS 270 Music Composition .......... 1-2
(Total of four over two semesters preferred.)
MUS 330 Audio in Media .................. 3
*Complete 18 credits for concentration in MUS.

Management Information Systems**
ITM 220 Information Technology ...... 3
ITM 261 Web Programming .............. 3
ITM 280 Data Communication Systems .............................................. 3
ITM 318 Systems Analysis and Design I ................................. 3
ITM 335 Software Applications for Microcomputers .............. 3
* Fulfills requirements for minor in computer information systems upon completion of all 18 credits taken.

Writing*
WRI 225 Writing for Electronic Communication .......... 4
WRI 285 Information Design .......... 4
WRI 382 Writing for Advertising and Public Relations .......... 4

*No concentration available.
**Along with ITM, these courses fulfill requirements for a minor in MIS

Department of English and Writing

Faculty: Associate Professor Ochshorn, Chair; Distinguished Professor Mendelsohn; Dana Professors Gillen, Mathews; Professors Miller, Morrill, Schenck, Solomon, VanSpanckeren; Associate Professors Birnbaum, Hipchen, Hollist, Serpas, E. Winston; Assistant Professors Castner, Colombe, Donnelly, Hale, Hayden, Hubbard, Ingalls, Mirze, Morse, Putnam, Stockdell-Geisler, Wheat.

The English major acquaints students with historical and contemporary literary traditions in courses that enhance reading, writing and interpretive skills. The department fosters the ability to enjoy and understand literature, and cultivates the knowledge and sensitivity needed to explore great texts—from ancient literature through film and multi-media forms.

The writing major educates students in the art and craft of written communication, combining liberal arts ideals with practical, real-world applications. Students in the program can concentrate on creative writing (fiction, poetry and other imaginative forms), professional writing (journalism, public relations, advertising and business communications), and writing for the media.

English and writing majors pursue both breadth and depth of study in the literary tradition, and students are encouraged to become familiar with more than the mainstream, including multi-ethnic literature, oral traditions, avant-garde and counter-cultural expression, and major contemporary voices in creative and professional writing.

Courses taken as part of a student’s designated major in the Department of English
and Writing may not be used to satisfy requirements for the general curriculum distribution. Occasional exceptions to this policy may be granted by the department chair to individuals earning double majors.

ENG 101 and 102 are not prerequisites for any 200-level English or writing course.

**English**

**Requirements for a major in English:**

- ENG 201 World Literature I ............ 4
- Three survey courses from:
  - ENG 206 British Literature I ............. 4
  - ENG 207 British Literature II ............. 4
  - ENG 208 American Literature I ........... 4
  - ENG 209 American Literature II ........... 4

- One major authors course or specific period or genre course from:
  - ENG 300 The Romantic Writers ...... 4
  - ENG 301 The Victorian Writers ...... 4
  - ENG 303 Modern Poetry ................. 4
  - ENG 309-311 Advanced Drama .......... 4
  - ENG 318-322 Fiction ...................... 4
  - ENG 324 Post-Colonial Literature and Theory .................. 4
  - ENG 325 The Eighteenth Century .... 4
  - ENG 334 The Medieval Vision ......... 4
  - ENG 335 English Renaissance Literature ........................................ 4
  - ENG 340-344 Major Poets ............... 4
  - ENG 360-365 Major Authors ............. 4

- Electives ........................................... 24

Sem. Hrs. 44

At least 20 semester hours of credit must be completed in English courses numbered 300 or above. One appropriate writing class (WRI 200, 210, 240, 247, 250, 255, 260, 351, 361, 362, 427, 450 or 460) may be used to count toward the English major or minor. One 100-level literature course (ENG 117, 121, 125, 126 or 170) also may be used to count toward the major or minor. A writing course used to fulfill the English major or minor also may count toward a writing major or minor. ENG 100, 110, 111, 101 and 102 may not count toward the major.

The department recommends that all students include in their program at least one non-Western, multi-ethnic or women’s literature course.

Graduating English majors must submit a portfolio of their best writing, including work from each year and an introductory reflective essay, for evaluation by department faculty.

**Requirements for a minor in English:**

Student seeking minors in English should work with advisors to plan an appropriate program of 20 semester hours of credit in English courses. At least eight semester hours must be in courses numbered 300 or above. One writing course (as listed above) also may be counted toward the minor. ENG 100, 101, 102, 110 and 111 may not count toward the minor.

**Teacher Certification in English**

Students who are pursuing education degrees must consult the education section of this catalog for a complete listing of course requirements, as well as the sequence in which to take these courses.

**Writing**

**Requirements for a major in writing:**

Forty-eight semester hours of credit consisting of 32 semester hours in writing courses and 16 semester hours in literature courses (eight hours at the 200 level and eight hours at the 300 level or above). Courses will be selected in consultation with the major advisor.

**Requirements for a minor in writing:**

Twenty-eight semester hours of credit consisting of 20 semester hours in writing courses and eight hours in literature courses (four hours at the 200 level and four hours at the 300 level or above). Courses will be selected in consultation with the writing advisor.

Literature courses used to fulfill the writing major or minor also may count toward an English major or minor. Writing courses cross-listed (or equivalent) with communication courses may count toward the writing major or minor and the communication major or minor. ENG 101 and 102 may not count toward the writing major or minor.
One designated writing course (as listed under “English” above) also may be used to satisfy the English major or minor.

Graduating writing majors must submit portfolios of their best writing, including work from each year and introductory reflective essays, for evaluation by department faculty.

Writing majors emphasizing creative writing should build individual programs from the courses listed below, and are encouraged to include at least one course from the professional writing group.

WRI 200 Introduction to Creative Writing
WRI 210 Writing as a Means of Self-Discovery
WRI 240 Writing Drama
WRI 247 Dramatic Writing for Radio—Alternative Performance
WRI 250 Poetry Writing I
WRI 255 Poetic Forms
WRI 260 Fiction Writing I
WRI 274 Creative Nonfiction
WRI 351 Poetry Writing II
WRI 361 Fiction Writing II
WRI 362 Seminar in Creative Writing
WRI 427 Practicum in Teaching Creative Writing to Children
WRI 450 Seminar in Poetry Writing
WRI 460 Seminar in Fiction Writing
Writing majors emphasizing professional writing should build individual programs from the courses listed below, and are encouraged to include at least one course from the creative writing group.

WRI 225 Writing for Electronic Communication
WRI 234 Research Methods in Journalism
WRI 271 Journalism I
WRI 371 Journalism II
WRI 281 Technical Writing
WRI 285 Information Design
WRI 325 Writing for Broadcast News
WRI 340 Screenwriting
WRI 346 Writing for Interactive Media
WRI 382 Writing for Advertising and Public Relations
WRI 485-489 Directed Professional Writing
WRI 495 Writing Internship

EMAT: Electronic Media Art and Technology

EMAT is an interdisciplinary program including courses offered in art, communication, information and technology management, music and writing. The program emphasizes designing and producing for interactivity and Web-based products for both commercial and artistic intent. It reflects the convergence between these areas in academic scholarship, aesthetic exploration and technical applications. The history, theory and mythologies of interactivity and the Internet are explored in order to provide a context for the projects the students produce both individually and collaboratively.

Department of Exercise Science and Sport Studies

Faculty: Professor Vlahov, Chair; Associate Professors Birrenkott, Clancy; Assistant Professors Andersen, Bowersock, Jisha, Morris, O’Sullivan, Wortham.

Students pursuing majors within the Department of Exercise Science and Sport Studies are preparing for careers in teaching, adult fitness, sport management, allied health, athletic training/sports medicine and related fields. The department offers majors in athletic training/sports medicine, sport management and exercise science. Within the exercise science major, students may select programs of study in one of the following: teaching physical education, adult fitness or pre-professional allied health.

Adult Fitness Program

This non-teaching concentration prepares students for careers in corporate/community fitness. PST 200 must be taken as part of the general distribution requirements. The following professional courses are required:

ESC 105 BioKinetics and Conditioning ................. 2
ESC 110 Introduction to Exercise Science and Sport Studies ... 2
ESC 150 First Aid ................................ 2
ESC 151 Swimming ......................... 1
ESC 270 The Prevention and Care of Sports Injuries ............ 3
ESC 280 Adult Fitness .................... 3
ESC 312 Dance/Rhythmics ............ 3
ESC 330 Motor Development and Skill Acquisition ............... 3
ESC 340 Applied Kinesiology ......... 3
ESC 380 Exercise Testing and Prescription ..................... 3
ESC 400 Adaptive Physical Education ................................ 3
ESC 411 Recreation Leadership and Administration ................. 2
ESC 412 Organization and Administration of a Physical Education ................................ 3
ESC 450 Tests and Measurement……… 3
ESC 460 Physiology of Exercise …… 3
HSC 100 Health Science ................. 2
HSC 203 Nutrition ........................ 3
HSC 230 Human Anatomy and Physiology I ........................ 3
Any combination of other professional (ESC) activity courses ...... 5
Sem. Hrs. 52

ESC 480, Internship in Adult Fitness Programs, is highly recommended for the adult fitness concentration. To intern, a student must have a minimum 2.0 GPA in the major and overall, have senior academic standing, earn departmental approval, and must have completed all prerequisite courses. Proof of current CPR certification is required, and individual liability insurance may be required.

Students interested in registering for ESC 480 should contact their advisors in the Department of Exercise Science for requirements and information concerning the internship.

Athletic Training/Sports Medicine Program

Athletic training is an allied health profession that deals with the prevention, evaluation, emergency care and rehabilitation of athletic injuries. The athletic training/sports medicine major is designed to offer the knowledge, skills and experience necessary for a student to become eligible to take the NATABOC national certification examination. The curriculum is structured to prepare students for entry-level athletic training positions and graduate studies in athletic training. This program is accredited by the Commission on Accreditation of Allied Health Education Programs. CAAHEP imposes constraints on the size of the program. Because of this, the program is selective and space is limited.

Admission Requirements

Admission to the program is on a competitive basis through an application process. Applications are reviewed each semester for the following semester. Admission to the Athletic Training major is a two-step process. All applicants are initially admitted to the pre-professional phase of the program. During the pre-professional phase, students must complete the requirements listed below to be considered for admission to the professional phase of the program.

Admission to the pre-professional phase. Application to the pre-professional phase of the program should be submitted by March 1.

Admission to the professional phase. Decisions on admission to the professional phase of the program are made by the program faculty following review of each candidate’s application. Meeting the minimum criteria for application does not guarantee admission to the professional phase of the program. Interested students should contact the program director to obtain the pre-professional phase application packet. For priority consideration, applications to the pre-professional phase of the program should be submitted by March 1.
application criteria for the professional phase of the program consists of the following:

• Completion of a minimum of 24 semester credit hours
• Completion of HSC 230 with a minimum grade of “B/C”
• Completion of HSC 234 with a minimum grade of “C”
• Completion of ESC 175 with a minimum grade of “B”
• Current certification in CPR with AED.
• Minimum cumulative GPA of 2.5 on a 4.0 scale
• Completion of a program-specific application

The application deadline for admission to the professional phase of the program beginning in the fall semester is May 25. Applications for admission to the professional phase can be obtained from the program director.

Transfer students may be eligible to apply to the professional phase of the program at the completion of each fall semester, and may be admitted to the professional phase in the spring semester. Transfer students desiring to enter in the spring semester must contact the program director to determine their eligibility for admission.

Students admitted to the professional phase of the program must complete a minimum of 1,200 hours of supervised clinical education experiences under the direct supervision of a clinical instructor. These experiences occur at on- and off-campus sites. Students are responsible for transportation and other costs associated with their participation in off-campus clinical experiences.

Professional Standards for Applicants and Students

All applicants and students in the athletic training major must meet and continue to meet the approved professional standards of the program. No one who jeopardizes the health or well-being of an athlete/patient, coworker or self will be accepted into the program or continue as a student in the program. To meet the intellectual, physical and social competencies needed for professional requirements, all applicants and students must possess the necessary physical attributes and exhibit qualities of good judgment, mental strength and emotional stability. Every applicant to the professional phase of the program is required to submit a written acknowledgement indicating that he or she has read and understands the technical standards related to the professional duties of the discipline. The program faculty will be responsible for applying the standards for their students and prospective students.

The health care professional’s self-presentation is a vital part of the complex relationship among the athlete/patient, the health care provider and the health care delivery site. The athletic training/sports medicine program reserves the right to limit attire and adornments (such as clothing, jewelry, piercing, tattooing) of the body and its parts (such as hands, face, oral cavity). The program policies document outlines the enforcement of this policy. In all cases, a final appeal may be made to the dean of the college.

General Curriculum Distribution

The general curriculum distribution requirements are contained in the academic programs section. Students pursuing the Bachelor of Science in Athletic Training/Sports Medicine must complete all general curriculum distribution requirements, with the following stipulations.

1. As part of the natural science component, each athletic training student must have credit in BIO 204 and PHY 200. Please note that MAT 170 is a prerequisite for PHY 200.

2. As part of the social science component, each athletic training student must include credit in PSY 200 and in PSY 211 or SSC 300.

Progress in the Program

1. A grade of “B/C” or better in all required athletic training courses graded on an A-F basis.

2. A grade of “satisfactory” in all required athletic training courses graded on a satisfactory/unsatisfactory basis.

3. The student must comply with the academic policies and procedures described earlier in this catalog.
4. The student must comply with the program policies and procedures described in the student handbook.

5. Prior to enrolling in any clinical/laboratory course, the student must submit:
   a. Proof of liability insurance coverage
   b. Verification of a physical examination, which must be updated yearly, and proof of immunization.
   c. Proof of current first aid and CPR certification with AED certification or Emergency Response (for all students formally admitted to the clinical component of the program only).
   d. Proof of attendance at an annual prevention of disease transmission education session (for all students formally admitted to the clinical component of the program only).
   e. Results of annual TB skin test or chest x-ray.

**Program Expenses**

The instructional fee per semester hour is the same for students enrolled in the Athletic Training Education Program as for other students enrolled at The University of Tampa.

In addition to tuition, housing, books/supplies and usual transportation costs, students in the athletic training/sports medicine program will incur additional expenses in at least the following areas: laboratory fees; immunizations and health screening as required by the program or the clinical site; health insurance; liability insurance; membership in professional organizations; and transportation and other expenses associated with clinical internships. Students accepted into the Program will receive more specific information about costs. Those anticipating the need for financial assistance while enrolled in the program should contact the UT Financial Aid Office.

Since the athletic training/sports medicine program is a professional education program, students will need to remain flexible with their time to participate fully in laboratory sessions, clinic visits and internships. Most students are unable to maintain regular employment during enrollment in the curriculum.

**Required courses for Athletic Training/Sports Medicine**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>CHE 152</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE 153</td>
<td>General Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td>HSC 100</td>
<td>Health Science</td>
<td>2</td>
</tr>
<tr>
<td>HSC 203</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HSC 120</td>
<td>Introduction to Allied Health</td>
<td></td>
</tr>
<tr>
<td>ESC 110</td>
<td>Introduction to Exercise Science and Sport Studies</td>
<td>2</td>
</tr>
<tr>
<td>HSC 130</td>
<td>Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>HSC 230</td>
<td>Human Anatomy and Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>HSC 231</td>
<td>Human Anatomy and Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>HSC 234</td>
<td>Human Anatomy and Physiology Lab I</td>
<td>1</td>
</tr>
<tr>
<td>HSC 235</td>
<td>Human Anatomy and Physiology Lab II</td>
<td>1</td>
</tr>
<tr>
<td>ESC 105</td>
<td>Biokinetics and Conditioning</td>
<td>2</td>
</tr>
<tr>
<td>HSC 150</td>
<td>Emergency Response</td>
<td>3</td>
</tr>
<tr>
<td>ESC/AIT 175</td>
<td>Practicum in Athletic Training I</td>
<td>1-2</td>
</tr>
<tr>
<td>ESC 270</td>
<td>The Prevention and Care of Injuries</td>
<td>3</td>
</tr>
<tr>
<td>ESC/AIT 275</td>
<td>Practicum in Athletic Training II</td>
<td>1-2</td>
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<td>ESC/AIT 276</td>
<td>Practicum in Athletic Training III</td>
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</tr>
<tr>
<td>ESC 330</td>
<td>Motor Development and Skill Acquisition</td>
<td>3</td>
</tr>
<tr>
<td>ESC 340</td>
<td>Applied Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>ESC/AIT 370</td>
<td>Medical And Surgical Aspects of Athletic Training</td>
<td>3</td>
</tr>
<tr>
<td>ESC/AIT 373</td>
<td>Therapeutic Modalities</td>
<td>3</td>
</tr>
<tr>
<td>ESC/AIT 374</td>
<td>Therapeutic Exercise</td>
<td>3</td>
</tr>
<tr>
<td>ESC/AIT 375</td>
<td>Practicum in Athletic Training IV</td>
<td>1-2</td>
</tr>
<tr>
<td>ESC/AIT 376</td>
<td>Practicum in Athletic Training V</td>
<td>1-2</td>
</tr>
<tr>
<td>ESC 460</td>
<td>Physiology of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>ESC/AIT 475</td>
<td>Internship in Athletic Training</td>
<td>1-2</td>
</tr>
<tr>
<td>ESC/AIT 476</td>
<td>Internship in Athletic Training</td>
<td>1-2</td>
</tr>
<tr>
<td>ESC/AIT 495</td>
<td>Professional Topics in Athletic Training</td>
<td>3</td>
</tr>
</tbody>
</table>

Sem. Hours 59-65
Recommended courses for Athletic Training/Sports Medicine
SPE 208, PHL 209, PSY 250, HEA 420

SUGGESTED FOUR-YEAR DEGREE PLAN

Year 1
Fall Semester
ENG 101 Composition and Rhetoric I ...................... 4
GIS 101 Global Issues ....................... 4
ITM 200 Introduction to Computers ..................... 1
ESC 110 Introduction to Exercise Science and Sport Studies or HSC 120 Introduction to Allied Health ...................... 2
HSC 150 Emergency Response .................. 3
GTW 100 Gateways ................................... 1
Sem. Hours 15

Spring Semester
ENG 102 Composition and Rhetoric II ..................... 4
MAT 170 Precalculus ................................ 4
HSC 230 Human Anatomy and Physiology I .............. 3
HSC 234 Human Anatomy and Physiology Lab I .......... 1
HSC 100 Health Science ................................ 2
ESC/ATT 175 Practicum in Athletic Training I .......... 1-2
GTW 102 Gateways II ................................... 1
Sem. Hours 15

Year 2
Fall Semester
PHY 200 General Physics I ..................... 4
ESC 270 The Prevention and Care of Sports Injuries ........... 3
ESC/ATT 275 Practicum in Athletic Training II .......... 1-2
HSC 130 Medical Terminology ..................... 1
ESC 105 Biokinetics and Conditioning ..................... 2
PSY 200 General Psychology ..................... 4
Sem. Hours 15-16

Spring Semester
BIO 204 Biological Unity ..................... 4
HSC 203 Nutrition ................................ 3
HSC 231 Human Anatomy and Physiology II .............. 3
HSC 235 Human Anatomy and Physiology Lab II .......... 1
ESC/ATT 274 Examination and Assessment of Sports Injuries .... 2
ESC/ATT 276 Practicum in Athletic Training III .......... 1-2
Electives ........................................ 2-3
Sem. Hours 17-18

Year 3
Fall Semester
CHE 152 General Chemistry ..................... 3
CHE 153 General Chemistry Lab I ....... 1
ESC/ATT 373 Therapeutic Modalities ........... 3
ESC/ATT 375 Practicum in Athletic Training IV .......... 1-2
ESC 340 Applied Kinesiology (W) .......... 3
PHL 209 Biomedical Ethics ..................... 4
Sem. Hours 18-16

Spring Semester
ESC 330 Motor Development and Skill Acquisition ........... 3
ESC/ATT 370 Medical and Surgical Aspects of Athletic Training ................... 3
ESC/ATT 374 Therapeutic Exercise .................. 3
ESC/ATT 376 Practicum in Athletic Training V .......... 1-2
ESC 460 Physiology of Exercise (W) .......... 3
Electives ........................................ 2-3
Sem. Hours 18-18

Year 4
Fall Semester
PSY 250 Health Psychology ..................... 3
ESC/ATT 495 Professional Topics in Athletic Training ................... 3
ESC/ATT 475 Internship in Athletic Training ................... 1-2
Electives ........................................ 7-8
Sem. Hours 14-16

Spring Semester
SPE 208 Speech for Business and the Professions ........... 4
ESC 350 Biostatistics or
PSY 211 Statistics and Experimental Methods I (W) .......... 4
HSC 420 Nutritional Supplements ........... 2
ESC/ATT 476 Internship in Athletic Training .......... 1-2
Electives ........................................ 4-6
Sem. Hours 15-18

Electives

Sem. Hours 15-16
Allied Health Pre-Professional Program

Students who wish to pursue graduate or professional training in allied health fields such as physical therapy or occupational therapy are encouraged to enroll in this program. Coursework for this program should be taken in chronological order and field experiences are required; students must discuss their intentions with their advisors as soon as they decide to follow this course plan.

Upon completion of this program, the student will have earned a BS degree in exercise science and sport studies. In addition, the undergraduate program will help the student fulfill prerequisites necessary to apply to graduate and professional programs in the allied health profession.

In order to complete all prerequisites and the courses needed for graduation, students must work closely with their academic advisor regarding course selection and satisfaction of the Baccalaureate Experience requirements outlined in the catalog.

Required courses for the program in Allied Health:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSC 100</td>
<td>Health Science</td>
<td>2</td>
</tr>
<tr>
<td>HSC 203</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HSC 120</td>
<td>Introduction to Allied Health Professions</td>
<td>2</td>
</tr>
<tr>
<td>HSC 130</td>
<td>Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>HSC 230</td>
<td>Human Anatomy and Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>HSC 234</td>
<td>Human Anatomy and Physiology I Lab</td>
<td>1</td>
</tr>
<tr>
<td>HSC 231</td>
<td>Human Anatomy and Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>HSC 235</td>
<td>Human Anatomy and Physiology II Lab</td>
<td>1</td>
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<tr>
<td>HSC 150</td>
<td>Emergency Response</td>
<td>3</td>
</tr>
<tr>
<td>ESC 270</td>
<td>The Prevention and Care of Sports Injuries</td>
<td>3</td>
</tr>
<tr>
<td>ESC 330</td>
<td>Motor Development and Skill Acquisition</td>
<td>3</td>
</tr>
<tr>
<td>ESC 340</td>
<td>Applied Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>ESC 400</td>
<td>Adaptive Physical Education</td>
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<tr>
<td>ESC 460</td>
<td>Physiology of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>ESC 380</td>
<td>Exercise Testing and Prescription</td>
<td>3</td>
</tr>
</tbody>
</table>

BIO 203 Biological Diversity ........... 4
BIO 204 Biological Unity ............... 4
PSY 200 General Psychology ............ 4
PSY 211/ESC 350 Statistics and Experimental Methods I/ Biostatistics ........... 4/3
PSY 250 Health Psychology ............. 4
PSY 220 Fundamentals of Biopsychology and Learning ...... 4

Sem. Hrs. 61

The following courses are strongly recommended as part of the degree program in pre-professional allied health. These courses are often prerequisite courses for graduate and professional programs:

CHE 152 General Chemistry I, II and 154 w/ labs .............. 8
PHY 200 and 201 General Physics I, II ... 8
PSY 310 Lifespan Cognitive Development ............. 4
BIO 225 Vertebrate Zoology
OR
BIO 250 Comparative Vertebrate Anatomy ................. 4

The recommended course sequence is listed below.

Year 1

Fall Semester

<table>
<thead>
<tr>
<th>Course CODE</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Composition and Rhetoric I</td>
<td>4</td>
</tr>
<tr>
<td>GIS 101</td>
<td>Global Issues</td>
<td>4</td>
</tr>
<tr>
<td>MAT 170</td>
<td>Precalculus</td>
<td>4</td>
</tr>
<tr>
<td>ITM 200</td>
<td>Introduction to Computers</td>
<td>1</td>
</tr>
<tr>
<td>GTW 100</td>
<td>Gateways I</td>
<td>1</td>
</tr>
<tr>
<td>BIO 203</td>
<td>Biological Diversity (with lab)</td>
<td>4</td>
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Sem. Hrs. 18

Spring Semester

<table>
<thead>
<tr>
<th>Course CODE</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GTW 102</td>
<td>Gateways II</td>
<td>1</td>
</tr>
<tr>
<td>ENG 102</td>
<td>English Composition and Rhetoric</td>
<td>4</td>
</tr>
<tr>
<td>BIO 204</td>
<td>Biological Unity (with lab)</td>
<td>4</td>
</tr>
<tr>
<td>HSC 203</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HSC 100</td>
<td>Health Science</td>
<td>2</td>
</tr>
<tr>
<td>Humanities/Fine Arts elective (NW)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Sem. Hrs. 18
Year 2

Fall Semester
- CHE 152/153 General Chemistry I with Lab .......................... 4
- PHY 200 General Physics I ............. 4
- HSC 230 Human Anatomy and Physiology ....................... 3
- HSC 234 Human Anatomy and Physiology Lab ............ 1
- Social Science elective (non-psychology course) ...................... 4

Sem. Hrs. 16

Spring Semester
- CHE 154/155 General Chemistry II with Lab .......................... 4
- PHY 201 General Physics II ............ 4
- HSC 120 Intro to Allied Health Professions ............... 2
- HSC 150 Emergency Response ...... 3
- PSY 200 General Psychology ........... 4

Sem. Hrs. 17

Year 3

Fall Semester
- PSY 211 Statistics and Experimental Methods I (W) ............ 4
- ESC 270 The Prevention and Care of Sports Injuries ............ 3
- HSC 130 Medical Terminology ..... 1
- ESC 330 Motor Development and Skill Acquisition .... 3
- Humanities/Fine Arts elective .......... 4

Sem. Hrs. 15

Spring Semester
- ESC 340 Applied Kinesiology (W) ... 3
- HSC 231 Human Anatomy and Physiology II ................... 3
- HSC 235 Human Anatomy and Physiology II Lab .......... 1
- PSY 220 Fundamentals of Biopsychology and Learning ..... 3
- Humanities/Fine Arts electives .......... 4

Sem. Hrs. 15

Year 4

Fall Semester
- PHL 209 Biomedical Ethics ............ 4
- PSY 250 Health Psychology ............ 4
- ESC 400 Adaptive Physical Education .............. 3
- ESC 460 Physiology of Exercise (W) ... 3

Sem. Hrs. 14

Spring Semester
- ESC 380 Exercise Testing and Prescription ..................... 3
- PSY 310 Lifespan Cognitive Development (recommended) .... 4
- Electives .................................. 5-11

Sem. Hrs. 12-18

Sport Management Program

The sport management major requirements include a blend of specific business courses, sport study courses and specialized courses in sport management, and is designed to prepare students for sports-related and event-related careers.

The University is pursuing the registry process with the North American Society for Sport Management and the National Association for Sport and Physical Education.

Required sport study courses:
- ACC 202 Financial Accounting Information ..................... 3
- ACC 203 Managerial Accounting .... 3
- ECO 204 Principles of Microeconomics ............. 3
- ECO 205 Principles of Macroeconomics ............. 3
- SPM 383 Administration of Sport and Physical Education ... 3
- ESC/SPM 290 Introduction to Sport Management .......... 3
- ESC/SPM 390 Financial Issues in Sport .. 3
- ESC/SPM 393 Stadium and Arena Management .......... 3
- ESC/SPM 395 Sport Marketing/Fund Raising .................. 3
- ESC/SPM 397 Legal Issues and Risk Management in Sport .................. 3
- ESC 411 Recreation Leadership and Administration .......... 2
- ESC/SPM 425 Professional Selling in Sport ............... 3
- ESC/SPM 475 History of Modern Olympic Games ........... 4
- ESC 491 Seminar in Sport Management ................... 3
- ESC/SPM 493 Venue and Event Management ............... 4
- ESC/SPM 495 Internship in Sport Management ............ 12

Total 59
Required business-related courses:
ACC 202 Financial Accounting ........ 3
ECO 204 Principles of Microeconomics .......... 3
ITM 210 Managerial Statistics I ........ 3
MGT 330 Principles of Management .......... 3
Sem. Hrs. 45

SPM 495, Internship in Sport Management, is highly recommended for the sport management concentration. To intern, a student must have a minimum 2.0 GPA in the major and overall, be classified as an academic senior, have 90 credit hours prior to enrolling, and graded on a pass-fail basis. Students interested in registering for SPM 490 should contact their advisors for the requirements and information concerning the internship.

Exercise Science and Sport Studies Minor

Requirements for a minor in exercise science and sport studies:
ESC 110 Introduction to Exercise Science and Sport Studies 2
ESC 320 Coaching and Teaching of Football and Wrestling 2
ESC 321 Coaching and Teaching of Baseball, Basketball, and Softball 2
ESC 322 Coaching and Teaching of Volleyball and Track and Field 2
ESC 323 Coaching and Teaching of Soccer and Field Hockey 2
ESC 252 Gymnastics
or
ESC 312 Dance/Rhythms ............. 3
One course from: ........................ 3/4
ESC 280 Adult Fitness 3
ESC 290 Introduction to Sport Management 3
EDU 329 Teaching Physical Education and Health in the Elementary School 3
EDU 425 Special Method of Teaching Secondary Physical Education 4
ESC 400 Adaptive Physical Education .... 3
ESC 412 Organization and Administration of Physical Education .... 3
HSC 100 Health Science 2
HSC 230 Human Anatomy and Physiology I .... 3
Sem. Hrs. 21

Recreation Minor

The minor in recreation is a non-teaching program designed for those preparing for recreation leadership positions in public government programs, voluntary agencies, industry, hospitals, churches, etc. It does not lead to professional teacher certification. The curriculum requires the completion of 25 semester hours of credit in required courses and guided activities.

Requirements for a minor in recreation:
ESC 150 First Aid .................................. 2
ESC 151 Swimming .......................... 1
ESC 202 Outdoor Education ............... 4
ESC 240 Lifetime Sports ..................... 2
ESC 411 Recreation Leadership and Administration .................. 2
ESC 470 Field Work in Recreation ...... 4
One course from: ................................. 2
ESC 312 Dance/Rhythms .......... 3
DAN 142 Beginning Modern Dance 2
DAN 242 Intermediate Modern Dance 2
DAN 342 Advanced Modern Dance 2
One course from: ................................. 2
ESC 320 Coaching and Teaching of Football and Wrestling 2
ESC 321 Coaching and Teaching of Baseball, Basketball, and Softball 2
ESC 322 Coaching and Teaching of Volleyball and Track and Field 2
ESC 323 Coaching and Teaching of Soccer and Field Hockey 2
From drama, art, sociology, music, ecology .......................... 6
Sem. Hrs. 25

158
The six hours above from allied fields must be courses other than those used in the major or general curriculum distribution.

**Teaching Certification in Physical Education**

Satisfactory completion of the prescribed teaching program satisfies the requirement for a temporary teaching certificate in the state of Florida for physical education K-12 certification. See Department of Education section of the catalog for the admission requirements to the teacher education program and education course sequence.

Requirements include the following exercise science and education courses to qualify for teaching certification in physical education, grades K-12:

**Exercise Science and Sport Studies Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESC 105</td>
<td>Biokinesics and Conditioning</td>
<td>2</td>
</tr>
<tr>
<td>ESC 110</td>
<td>Introduction to Exercise Science and Sport Studies</td>
<td>2</td>
</tr>
<tr>
<td>ESC 150</td>
<td>First Aid</td>
<td>2</td>
</tr>
<tr>
<td>ESC 151</td>
<td>Swimming</td>
<td>1</td>
</tr>
<tr>
<td>ESC 200</td>
<td>Methods of Teaching Tennis</td>
<td>1</td>
</tr>
<tr>
<td>ESC 240</td>
<td>Lifetime Sports</td>
<td>2</td>
</tr>
<tr>
<td>ESC 312</td>
<td>Dance/Rhythms, or</td>
<td></td>
</tr>
<tr>
<td>ESC 270</td>
<td>Prevention and Care of Sports Injuries</td>
<td>3</td>
</tr>
<tr>
<td>ESC 330</td>
<td>Motor Development and Skill Acquisition</td>
<td>3</td>
</tr>
<tr>
<td>ESC 340</td>
<td>Applied Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>ESC 372</td>
<td>Principles of Exercise Leadership</td>
<td>2</td>
</tr>
<tr>
<td>ESC 400</td>
<td>Adapted Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>ESC 412</td>
<td>Organization and Administration of Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>ESC 450</td>
<td>Tests and Measurement</td>
<td>3</td>
</tr>
<tr>
<td>ESC 460</td>
<td>Physiology of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>HSC 100</td>
<td>Health Science</td>
<td>2</td>
</tr>
<tr>
<td>HSC 230</td>
<td>Human Anatomy and Physiology I</td>
<td>3</td>
</tr>
</tbody>
</table>

Two coaching and teaching courses from those listed below: 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ESC 320</td>
<td>Coaching and Teaching of Football and Wrestling</td>
<td>2</td>
</tr>
<tr>
<td>ESC 321</td>
<td>Coaching and Teaching of Baseball, Basketball and Softball</td>
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<tr>
<td>ESC 322</td>
<td>Coaching and Teaching of Volleyball and Track and Field</td>
<td>2</td>
</tr>
<tr>
<td>ESC 323</td>
<td>Coaching and Teaching of Soccer and Field Hockey</td>
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</table>

**Sem. Hrs. 45**

**Professional Education Courses**

<table>
<thead>
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<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EDU 200</td>
<td>Foundations of American Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 201</td>
<td>Learning Theories and Individual Differences in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 304</td>
<td>TESOL I</td>
<td>3</td>
</tr>
<tr>
<td>EDU 306</td>
<td>Teaching Reading in Secondary Content Areas</td>
<td>3</td>
</tr>
<tr>
<td>EDU 329</td>
<td>Teaching Physical Education and Health in the Elementary School</td>
<td>2</td>
</tr>
<tr>
<td>EDU 377</td>
<td>Elementary Curriculum/Practicum</td>
<td>2</td>
</tr>
<tr>
<td>EDU 425</td>
<td>Teaching Middle and Secondary School Physical Education</td>
<td>4</td>
</tr>
<tr>
<td>EDU 442</td>
<td>Learner Diversity and Cross-Cultural Understanding</td>
<td>3</td>
</tr>
<tr>
<td>EDU 441</td>
<td>Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>EDU 444</td>
<td>Teaching Practicum III Seminar Final Internship</td>
<td>2</td>
</tr>
<tr>
<td>EDU 406</td>
<td>Teaching Practicum III: Elementary and Secondary (Music and PE K-12) Final Internship</td>
<td>10</td>
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**Sem. Hrs. 38**

**The Suggested course of study:**

**Fall**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 200</td>
<td>Foundations of American Education</td>
<td>3</td>
</tr>
<tr>
<td>GIS 101</td>
<td>Global Issues</td>
<td>4</td>
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<tr>
<td>ENG 101</td>
<td>Composition and Rhetoric I</td>
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</tr>
<tr>
<td>GTW 100</td>
<td>Gateways</td>
<td>1</td>
</tr>
<tr>
<td>ITM 200</td>
<td>Introduction to Computers</td>
<td>1</td>
</tr>
<tr>
<td>MAT 155</td>
<td>Finite Mathematics</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total 17**
THE UNIVERSITY OF TAMPA 2005-2006

Spring

EDU 201 Learning Theories and Individual Differences .... 3
BIO 112,120,124,128 or MAR 126 (these do not have labs) .............. 3
ENG 102 Composition and Rhetoric II .................... 3
GTW 102 Gateways ................................ 1
MAT 153 Geometry .................................. 2
MAT (higher than 155)
HUM/FINE ARTS (Aesthetics-Art, Dance, Theatre, Music) ... 3
Total 17

SOC 100 Intro. Sociology (NW) .... 4
SPE 200 Oral Communication ........... 4
HIS 202,203,205,210,212s .......... 4
PSY 200 or 215f General Psychology ............... 4
HEA 230 Anatomy/Physiology ....... 3
PHL (Choice) ..................................... 4
CHE 126 Chemistry and Society ....... 4
Total 18

HEA/HSC 100 Health Science ....... 2
ESC 110 Introduction to Exercise Science and Sport Studies ... 2
ESC 105 Bio-kinetics ....................... 2
Total 18

PHY 126 and Lab (or other science) ... 4
EDU 304 ESOL I ....... 3
EDU 306f Teaching Reading in Secondary Content Areas .... 3
EDU 329 Teaching Physical Education and Health in Elementary School ........ 2
ESC 270 Prev and Care ..................... 3
EDU 377s Elementary PE Curriculum and Practicum .......... 2
ESC 330 Motor Development And Skill Acquisition ............ 3
EDU 441 Classroom Management ... 3
ESC 412 Organization and Administration of Physical Education .................. 3
ESC 340 Kinesiology ....................... 3
ESC (321s or 323s) ....................... 2
ESC 150 First Aid (Comp) .......... 2
ESC 312 Dance/Rhythm ................. 3
Total 19

ESC 151 Swimming ..................... 1
Total 18

ESC 200 Methods of Teaching Tennis ......................... 1
ESC 240 Lifetime Sports ............... 2
EDU 406 K-12 Internship ............... 10
EDU 442f Learner Diversity and Cross-Cultural Understanding .............. 4
EDU 444 Teaching Practicum III .... 2
ESC 400 Adaptive Physical Education ..................... 3
ESC 450f Tests and Measurement .... 3
Total 15

ESC 460 Physiology of Exercise ...... 3
Course Total 141
ESC (320f or 322f) ...... Coaching and Teaching .................... 2
Total 18

f=offered in the fall only; s=offered in the spring only

Sport Management Minor

The sport management minor is available only to College of Business students majoring in management.

Requirements for a sport management minor:

ESC 110 Introduction to Exercise Science and Sports Studies ... 2
ESC 280 Corporate Fitness .................. 3
ESC 290 Introduction to Sport Management ..................... 3
ESC 329 Coaching Team and Individual Sports .............. 3
ESC/SPM 390 Administration and Financial Management of Athletics .................. 3
ESC/SPM 393 Stadium and Arena Management ................... 3
ESC/SPM 395 Sport Marketing/ Fund Raising .................. 3
ESC 411 Recreation Leadership and Administration ............ 2
Sem. Hrs. 22

Total 141

Course Total 141
Department of Government, History and Sociology

Faculty: Professor Kerstein, Chair; Professors Botjer, Harf, Hegarty, Parssinen, Dana Professor Piper, Rynder, N. Winston; Associate Professors Friesen, Paine, Tillson; Assistant Professors Beckman, Rost Rublee, Ruf; Instructor Bonavita

Government and World Affairs

Government and world affairs analyzes the varied applications of political authority here in the United States and around the world to allocate valued resources for local and global society. Through a set of core courses, a focus on one of four substantive concentrations, and optional internships in Florida, Washington and around the globe, government and world affairs students develop political awareness and understanding, as well as the critical thinking and research skills that allow them to participate effectively as citizens in a rapidly globalizing world.

Each student takes the required core and then chooses one of four concentrations: American government, law and government, world affairs, or general government and world affairs.

TOTAL CREDIT HOURS FOR MAJOR: 40

Requirements for a major in government and world affairs:

CORE

- GWA 100 Introduction to Government and World Affairs .......... 4
- GWA 200 American Government .... 4
- GWA 201 World Affairs .......... 4
- GWA 270 Research Methods .... 4

Sem. Hrs. 16

CONCENTRATIONS

Students choose one of four areas of concentration to complete their majors:

A. American Government:

Students select 24 credit hours from the following. At least 16 credit hours must be taken at the 300 level or above.

GWA 203 Political Parties and Interest Groups .......... 4
GWA 204 Introduction to Law and the Legal System .......... 4
GWA 207 The Urban World (cross-listed with SOC 200) .... 4
GWA 210 Urban Politics and Policy .......... 4
GWA 220 Congress and the Presidency .......... 4
GWA 302 Modern Legal and Political Thought .......... 4
GWA 303 The Politics and History of Tampa .......... 4
GWA 304 Public Policy Analysis (cross-listed with SOC 304) .... 4
GWA 426 Public Opinion, the Media and Power .......... 4
GWA 450 Independent Study ...... 1-4

Sem. Hrs. 24

B. Law and Government

Students select 24 credit hours from the following. At least 16 credit hours must be taken at the 300 level or above.

- GWA 204 Introduction to Law and the Legal Systems (required) .... 4
- GWA 302 Modern Legal and Political Thought .......... 4
- GWA 402 Constitutional Law and the Supreme Court (cross-listed with CRM 402) .......... 4
- GWA 408 The First Amendment and the Supreme Court (cross-listed with CRM 408) ...... 4
- GWA 409 Comparative Legal Systems: Western Europe .......... 4
- GWA 410 International Law .......... 4
- GWA 450 Independent Study ...... 1-4

Sem. Hrs. 24

C. World Affairs

Students select 24 credit hours from the following. At least 16 credit hours must be taken at the 300 level or above.

- GWA 202 International Political Economy (required) .... 4
- GWA 205 Contemporary Europe .... 4
- GWA 206 Contemporary Latin America .......... 4
- GWA 207 The Urban World (cross-listed with SOC 200) ..... 4
- GWA 296 America and Vietnam (cross-listed with HIS 296) ..... 4
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GWA 305 Nuclear Proliferation and Nonproliferation .............. 4
GWA 314 U.S. National Security Policy .................................. 4
GWA 340 The Political Economy of Western Europe ................ 4
GWA 342 Latin American Political Economy ......................... 4
GWA 343 Third World Political and Economic Development ...... 4
GWA 344 The Political Economy of Africa ............................ 4
COM 401 Intercultural Communication .............................. 4

or
COM 334 Information and the New World Order .................... 4
GWA 450 Independent Study ...... 1-4
ECO 450 Economic Development ...................................... 4

Sem. Hrs. 24

D. General: Government and World Affairs
In addition to GWA 100, 200, 201 and 270, students must select 24 additional GWA credit hours. At least 16 credit hours must be taken at the 300 level or above. GWA 440 does not fulfill credit hours toward the GWA major.

Requirements for a minor in government and world affairs:
GWA 100 and 16 additional hours of credit in government and world affairs.

History
The history major is designed to help students participate knowledgeably in the affairs of the world around them, and to see themselves and their society from different times and places, displaying a sense of informed perspective and a mature view of human nature. They should learn to read and think critically, write and speak clearly and persuasively, and conduct research effectively. The foundations for achieving these goals are laid in American history courses (a minimum of 16 credits) and in non-American history courses (a minimum of 16 credits); these 32 credits, plus four elective history credits, must be successfully completed by every history major.

Requirements for a major in history:
American History ......................................... 16
Non-American History .................................. 16
History electives ........................................ 4

Sem. Hrs. 36
At least 16 credit hours must be in history courses numbered 300 or above.

Requirements for the minor in history:
Twenty semester hours of credit in history. (Students may include a maximum of four hours of credit from HIS 100 or HIS 101 toward a minor.)

Sociology
The goal of the sociology program is to enable students to think scientifically about societies and human behavior. The focus is on developing “citizen-scholars” who can apply sociological insights to understanding social issues and social problems, and developing solutions to them. The sociology curriculum emphasizes the development of critical and analytical thinking and writing skills. Training in sociology provides an excellent preparation for graduate and professional studies.

Sociology majors may pursue a BA in sociology with or without a concentration in applied sociology. The BA in sociology is intended to prepare students for traditional graduate programs. The applied orientation is intended for those students who will seek employment after completion of the baccalaureate degree or professional training (clinical, counseling, social work or public policy development).

Requirements for the BA in sociology:
SOC 100 Introduction to Sociology ... 4
SOC 220 Sociology of Gender Roles ... 4
or
SOC 306 Racial and Ethnic Relations ................. 4

or
SOC 313 Social Stratification ............ 4
MAT 201 Introduction to Statistics .... 4
SSC 400 Research Methods for the Social Sciences ............. 4
SOC 410 Social Thought and Sociological Theory ............ 4
SOC Electives* ........................................ 16

Sem. Hrs. 36
Requirements for the BA in sociology with the applied concentration:

SOC 100 Introduction to Sociology ... 4
SOC 310 Introduction to Applied Sociology .... 4
SOC 220 Sociology of Gender Roles ... 4
or
SOC 306 Racial and Ethnic Relations ........ 4
or
SOC 313 Social Stratification ....... 4
MAT 201 Introduction to Statistics ... 4
SOC 305 Internship .................... 4
SSC 400 Research Methods for the Social Sciences .......... 4
SOC 410 Social Thought and Sociological Theory ........ 4
SOC Electives* ....................... 16
Sem. Hrs. 44

*Students may select from any other sociology courses offered as electives, or may choose an emphasis in one of the two areas indicated below. Satisfactory completion of two courses in an area will constitute an emphasis.

A. Family/Gerontology
SOC 202 Marriage and Family
or
SOC 307 The Family in Global Perspective
SOC 211 Sociology of Health and Illness
SOC 300 Cultural Diversity and Aging
SOC 301 Dying, Death, and Bereavement
SOC 302 Gerontology: Aging and Society
SOC 304 Public Policy Analysis (cross-listed with GWA 304)
SOC 404 Women and Aging

B. Community/Inequality
SOC 200 The Urban World (cross-listed with GWA 207)
SOC 220 Sociology of Gender Roles (cross-listed with WST 220)
SOC 226 Third World Development and Underdevelopment
SOC 304 Public Policy Analysis (cross-listed with GWA 304)
SOC 306 Racial and Ethnic Relations

Requirements for a minor in sociology (20 credit hours):

Students must complete Introduction to Sociology (SOC 100) and 16 additional credit hours in sociology courses. At least eight hours must be in sociology courses numbered 300 or higher.

International and Cultural Studies Major

Modern science has joined with humans’ quest for expanded frontiers to shrink the globe both literally and figuratively, creating a new world of exciting opportunities and challenges. Both national leaders and ordinary citizens of tomorrow must have the capacity to function in this newly globalized world if they are to reach their individual potentials. This major provides training in both breadth across the disciplines of the liberal arts and sciences, and depth in one particular functional or geographical area. It also involves both the acquisition of language skills and international study experience.

Requirements for a major in international and cultural studies:

Required Core:

HIS 103 World History 1500 to Present ...................... 4
GWA 201 World Affairs ....................... 4
COM 401 Intercultural Communication .......... 4
REL 205 World Religions ............... 4
ENG 312 Contemporary World Literature .......... 4
IST 470 Senior Research Seminar in International Studies ...... 3
Total Semester Hours 23

Electives:

Students must take a minimum of 20 hours from the following list:

ART 269 Art History II
or
ART 270 - 276 4
BIO 112 Environmental Science 3
COM 261 World Cinema 4
COM 334 Information and the New World Order 4
CST 201 Cross-Cultural Studies 3-4

Sem. Hrs. 44
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 202</td>
<td>World Literature II</td>
<td>4</td>
</tr>
<tr>
<td>ENG 234</td>
<td>Multiethnic Literature and Film</td>
<td>4</td>
</tr>
<tr>
<td>ENG 324</td>
<td>Post-Colonial Literature and Theory</td>
<td>4</td>
</tr>
<tr>
<td>GEO 205</td>
<td>Principles of Resource Utilization</td>
<td>4</td>
</tr>
<tr>
<td>GWA 202</td>
<td>International Political Economy</td>
<td>4</td>
</tr>
<tr>
<td>GWA 205</td>
<td>Contemporary Europe</td>
<td>4</td>
</tr>
<tr>
<td>GWA 206</td>
<td>Contemporary Latin America</td>
<td>4</td>
</tr>
<tr>
<td>GWA 207</td>
<td>The Urban World</td>
<td>4</td>
</tr>
<tr>
<td>GWA 280</td>
<td>Peace Studies</td>
<td>4</td>
</tr>
<tr>
<td>GWA 296</td>
<td>or</td>
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<tr>
<td>HIS 296</td>
<td>America and Vietnam</td>
<td>4</td>
</tr>
<tr>
<td>GWA 343</td>
<td>Third World Political and Economic Development</td>
<td>4</td>
</tr>
<tr>
<td>SOC 226</td>
<td>Third World Development and Underdevelopment</td>
<td>4</td>
</tr>
<tr>
<td>GWA 410</td>
<td>International Law</td>
<td>4</td>
</tr>
<tr>
<td>HIS 206</td>
<td>Slavery and Racism in Early America</td>
<td>4</td>
</tr>
<tr>
<td>HIS 222</td>
<td>Fascism and Nazi Germany</td>
<td>4</td>
</tr>
<tr>
<td>HIS 230</td>
<td>The Balkans</td>
<td>4</td>
</tr>
<tr>
<td>HIS 260</td>
<td>The Holocaust</td>
<td>4</td>
</tr>
<tr>
<td>HIS 300</td>
<td>The Middle East</td>
<td>4</td>
</tr>
<tr>
<td>HIS 305</td>
<td>The Ancient World</td>
<td>4</td>
</tr>
<tr>
<td>HIS 306</td>
<td>The Middle Ages</td>
<td>4</td>
</tr>
<tr>
<td>HIS 307</td>
<td>Modern Far East</td>
<td>4</td>
</tr>
<tr>
<td>HIS 308</td>
<td>Renaissance and Reformation</td>
<td>4</td>
</tr>
<tr>
<td>HIS 312</td>
<td>Modern Europe</td>
<td>4</td>
</tr>
<tr>
<td>HIS 313</td>
<td>Latin America</td>
<td>4</td>
</tr>
<tr>
<td>IBS 398</td>
<td>Survey of International Business</td>
<td>3</td>
</tr>
<tr>
<td>IBS 403</td>
<td>International Economics and Finance</td>
<td>3</td>
</tr>
<tr>
<td>IST 270</td>
<td>Introduction to International Studies</td>
<td>2</td>
</tr>
<tr>
<td>IST 290-299</td>
<td>Special Studies</td>
<td>2-4</td>
</tr>
</tbody>
</table>

**Total Semester Hours 20**

**Foreign Language:**

Proof of competency in a foreign (second) language as evidenced by passing a competency exam or completing the intermediate II course in the language with a grade of “C” or better.

**Education-Abroad Experience:**

This requirement of at least three credits may be met through a traditional course, service-learning course, an experiential-learning course, a practicum, or an internship, as long as it is taken abroad. The selected course may be in addition to the above 43 credits, or may be an international and cultural studies major core course or elective course that is offered abroad. Students who are unable to undertake an education-abroad experience must complete a comparative international experience with the approval of the international studies major advisor.

**Social Sciences**

The social sciences major encompasses the disciplines of economics, geography, history, political science, psychology and sociology. Its aim is to prepare students to teach in the secondary schools and, specifically, to obtain Florida state certification to do so.

The social sciences major is limited to those students who complete teacher certification requirements.

When taken with the professional education courses required by the Department of Education, this program satisfies Florida requirements for certification in social sciences on the secondary level.

Students who are pursuing an education degree must consult the Education section of this catalog for a complete listing of course requirements, as well as the sequence in which to take these courses.

**Requirements for a major in social sciences:**

- HIS 102 World History to 1500 .... 4
- HIS 103 World History 1500 to Present ......................... 4
- HIS 202 The United States to 1877 .... 4
- HIS 203 The United States Since 1877 ......................... 4
- HIS elective* ........................................... 4

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**Note:**

- * or ** denotes advanced standing courses.

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**Reference:**

- The University of Tampa 2005-2006
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GWA 100</td>
<td>Introduction to Government and World Affairs</td>
<td>4</td>
</tr>
<tr>
<td>GWA 200</td>
<td>American Government</td>
<td>4</td>
</tr>
<tr>
<td>GEO 205</td>
<td>Principles of Resource Utilization</td>
<td>4</td>
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<tr>
<td>GEO elective</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>ECO 205</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>SOC 100</td>
<td>Introduction to Sociology</td>
<td>4</td>
</tr>
<tr>
<td>PSY 200</td>
<td>General Psychology</td>
<td>4</td>
</tr>
</tbody>
</table>

Sem. Hrs. 47

*The history electives must be 300-level or above, and must be taken outside the field of American history.

**Pre-Law**

*Administered by Professor Piper*

In accordance with guidelines recommended by the Association of American Law Schools, the University has not established a specialized “pre-law” major, but rather, encourages prospective law students to undertake a course of study that develops “comprehension and expression in words, critical understanding of the human institutions with which the law deals, and creative power in thinking.”

Various undergraduate majors offer appropriate preparation for law-school education. The most frequently selected majors of successful pre-law students at the University are (in alphabetical order): accounting, business management, criminology, economics, English, government and world affairs, history, psychology and sociology.

The University provides designated faculty pre-law advisors who are familiar with law-school admissions requirements, application procedures and curricula. It also sponsors pre-law forums with attorneys as guest speakers, internships in law and judicial offices, campus visits by law-school representatives, and student visits to law schools to assist undergraduates in planning for law education and careers in law.

**International Studies Minor**

The international studies minor encompasses international coursework and experiences across a breadth of disciplines. Students are required to take:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GWA 201</td>
<td>World Affairs</td>
<td>4</td>
</tr>
<tr>
<td>GWA 202</td>
<td>International Political Economy</td>
<td>4</td>
</tr>
</tbody>
</table>

And 16 credit hours from the following, with at least two disciplines other than GWA represented:

- GWA 205-207, 340 and 342-344 344, COM 334 and 401, HIS 214, 216, 218, and 313, SOC 226, ECO 430 and 450, SPA 308 and 402-405, and ENG 229

Sem. Hrs. 24

**Urban Studies Minor**

The urban studies minor utilizes economic, political and sociological perspectives to analyze processes, institutions, public policies and issues in an urban setting:

**Requirements:**

- GWA 207 The Urban World                     | 4
- 16 credit hours from among the following:  |
  - GWA 210, 304 and 450 (1-4), BIO 112, ECO 420, and SOC 306, 310 and 313.

Sem. Hrs. 20

**Law and Justice Minor**

This program is administered jointly by both the Government and the Criminology departments. Please refer to the Criminology section of this catalog for the requirements of this minor.

*Administered by Professor James Beckman*

**Women’s Studies Minor**

The women’s studies minor draws on history, literature, psychology and sociology in order to explore such topics as women’s accomplishments, their depictions of themselves and others, their depiction in popular culture, theories of gender roles and stereotyping, and the social and economic forces that continue to shape women’s lives. Requirements for this program are listed at the end of the CLAS section.

**Certificate Program in Gerontology**

The certificate program in gerontology is designed to complement a student’s major area. It is not a degree program, but rather, provides an educational credential for students with an interest in aging to demon-
strate that they have taken a course of study to develop their knowledge and understanding of older people in today’s society.

Requirements for the certificate in gerontology:
Successful completion of four courses (14-16 credits) and the field experience. The student must earn a “C” grade or higher in each course taken.

Courses applicable to the certificate in gerontology:

- SOC 300 Cultural Diversity and Aging .............................. 4
- SOC 301 Dying, Death and Bereavement .......................... 4
- SOC 302 Gerontology: Aging and Society ....................... 4
- SOC 403 Gerontology: The Biology of Senescence ............ 4
- SOC 404 Women and Aging ...................................... 4
- SOC 452 Independent Study: Gerontology ........................ 4

Certificate Program in European Studies
The European studies certificate program offers students the opportunity to supplement and strengthen their academic majors with a multi-disciplinary program that focuses on Europe. Its goals are to provide a fundamental understanding of the culture, history, economics and politics of the area, and to ensure that students acquire a basic competence in a European language in addition to English.

A student is required to complete the following in order to receive a certificate (recognition will be listed on permanent transcripts).

Requirements for a European studies certificate:

A. GWA 205 Contemporary Europe ... 4
B. Electives: three courses from the following list .......................... 10 to 12
   - ART 269 Art History Survey II  4
   - HIS 222 Fascism and Nazi Germany  4
   - HIS 224 Russia and the West  4
   - HIS 230 The Balkans: The Powder Keg of Europe  4
   - HIS 312 Modern Europe  4
   - IBS 411 Contemporary European Business Issues  3
   - PHL 301 The Making of the Modern Mind  4
   - GWA 340 The Political Economy of Western Europe  4
   - GWA 409 Comparative Legal Systems: Western Europe  4

C. Language competency (equivalent to 12 hours)
   Students must either (1) complete language training in a European language other than English up to the intermediate level, (2) complete an intensive non-English European language course offered at an approved college or university, or (3) test out of a non-English language at the intermediate level.

D. Study abroad experience (at least three hours)
   Students must either (1) complete a course of study at an approved European university, (2) complete an approved study abroad travel course offered by a UT professor, or (3) complete an approved internship in Europe.

E. Experiential component
   Students must either (1) participate in the European Union Simulation or (2) participate as a European country representative in the Global Village Simulation.

F. Attendance at selected European seminars and other programs
   Although not required, participation in an approved internship, mentorship or service learning experience in the U.S. with a European focus is strongly encouraged.

Total number of credits required is 18-19 if language component is already completed, 30-31 if not completed.

Certificate Program in Latin American Studies
The Latin American studies certificate program offers students the opportunity to supplement and strengthen their academic majors with a multi-disciplinary program that focuses on Latin America. Its goals are
to provide a fundamental understanding of the culture, history, economics and politics of the area and to ensure that students acquire a basic competence in either Spanish or Portuguese.

Students are required to complete the following in order to receive a certificate (recognition will be listed on their permanent transcripts).

**A. GWA 206 Contemporary Latin America** ............................................. 4

**B. Electives: three courses from the following list** ......................... 10 to 12

- HIS 313 Latin America 4
- IBS 410 Contemporary Latin American Business Issues 3
- GWA 342 The Political Economy of Latin America 4
- SPA 405 Hispanic Culture and Civilization 4

**C. Language competency (equivalent to 12 hours)**

Students must either (1) complete language training in Spanish or Portuguese up to the intermediate level, (2) complete an intensive Spanish or Portuguese language course offered at an approved college or university, or (3) test out of Spanish or Portuguese at the intermediate level.

**D. Study abroad experience (at least three hours)**

Students must either (1) complete a course of study at an approved Latin American university, (2) complete an approved study abroad travel course offered by a UT professor, or (3) complete an approved internship in Latin America.

**E. Experiential component**

Students must either (1) participate as a country trade representative in the Summit of the Americas Simulation or (2) participate as a country representative for Latin America in the Global Village Simulation.

**F. Attendance at selected Latin American seminars and other programs**

Although not required, participation in an approved internship, mentorship or service learning experience in the U.S. with a Latin American focus is strongly encouraged.

Total number of credits required is 17-19 if language component is already completed, 29-31 if not completed.

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**Department of Languages and Linguistics**

**Faculty:** Associate Professor Taylor, Chair; Professor Favata; Associate Professor Hidalgo Calle; Assistant Professor López

A major in Spanish at UT is designed to give students flexible options as liberal arts graduates in Spanish, including graduate studies in language, professional schools, teaching and career skills.

This program meets the increasing demand for Spanish majors through classroom and independent study, individualized learning and research projects with professors, field experiences, campus programs, internships and opportunities to study abroad. Students are encouraged to broaden their career possibilities by combining language study with courses in other areas.

One of the principal goals of the program in Spanish is to help students attain proficiency in a language and to assist them in developing the ability to function in other cultures. Students study conversation and composition, language structure, phonetics, literature, civilization and culture. In addition, they may include more specialized courses, such as commercial Spanish. To further understand the nature of language, students study linguistics, which should be taken as early as possible in the major. Students may take courses in French, German and Italian, as well.

**French**

A minor in French is offered.

**Requirements for the minor in French:**

Twenty-four semester hours of credit in French courses. FRT 220 may not be counted toward the minor.

Students whose native language is French may not enroll in courses below the 300 level.
German
Courses in German are offered. No major or minor, however, is available. Students whose native language is German may not enroll in courses below the 300 level.

Italian
Courses in Italian are offered. No major or minor, however, is available. Students whose native language is Italian may not enroll in courses below the 300 level.

Language
Courses and an internship in language are offered. No major or minor, however, is available.

Linguistics
A course in linguistics is offered. No major or minor, however, is available.

Spanish
Requirements for the major in Spanish:
SPA 306 Phonetics and Phonology .................. 4
SPA 307 The Structure of Modern Spanish ............... 4
SPA 402 General Spanish Literature I ................ 4
or
SPA 403 General Spanish Literature II ................ 4
SPA 404 Hispanic Culture and Civilization I
or
SPA 405 Hispanic Culture and Civilization II ........... 4
LIN 210 Basic Linguistics .................. 4
SPA Electives (200 or above) ............. 16
Sem. Hrs. 36

SPT 250/251 may not be counted toward the major. Spanish majors are encouraged to pursue the study of another foreign language.
Requirements for a minor in Spanish: 24 semester hours of credit in Spanish courses.
SPT 250/251 may not be counted toward the minor.
Students whose native language is Spanish may not enroll in courses below the 300 level.

Department of Mathematics
Faculty: Associate Professor Garman, Chair; Associate Professors Kadic-Galeb, Sumner, Toro; Assistant Professor Fowler, Miladinovic; Instructors Perry, Smedberg, Urso.
The mission of the mathematics department is twofold: to provide service and core courses for the University, and to provide courses for mathematics and mathematical programming majors.
The mission of the program of studies leading to the major in mathematics is to provide the student with a balanced account of both the pure and applied aspects of modern mathematics. For majors in mathematical programming, the department provides a blend of mathematics and computer science. To accomplish this, the department offers courses that place emphasis on the development of mathematics through different branches in linear algebra, modern abstract algebra and analysis. In addition, the applied aspect is covered in differential equations statistics, and discrete mathematics. Faculty offer independent study courses and the opportunity to study other aspects of mathematics and its applications.
The program prepares majors in mathematics or mathematical programming to pursue graduate studies or to enter into the marketplace.

Mathematics
Requirements for a major in mathematics:
ITM 251 Visual Basic .................. 3
MAT 260 Calculus I .................. 4
MAT 261 Calculus II .................. 4
MAT 262 Calculus III .................. 4
MAT 299 Introduction to Higher Mathematics .................. 4
MAT 490 Senior Seminar .................. 1
Six courses from MAT 300, 301, 308, 310, 401, 410, 420, 499 .................. 24
Sem. Hrs. 44

Requirements for the minor in mathematics:
Twenty semester hours of credit in mathematics courses numbered 260 or above.
Requirements for an associate’s degree in mathematics: 16 semester hours of credit in mathematics courses numbered 260 or above.

Students who major in mathematics may use appropriate mathematics courses required in the major to satisfy the requirements of the general curriculum distribution.

**Mathematical Programming**

Requirements for the major in mathematical programming:
- ITM 251 Visual Basic .................. 3
- ITM 261 Web Programming ............. 3
- MAT 260 Calculus I ..................... 4
- MAT 261 Calculus II .................... 4
- MAT 262 Calculus III ................... 4
- MAT 299 Introduction to Higher Mathematics .................. 4
- MAT 300 Differential Equations ....... 4
- MAT 301 Discrete Mathematics .......... 4
- MAT 308 Linear Algebra ................. 4
- MAT 490 Senior Seminar ................ 1
- ITM electives (not lower than ITM 250) .................. 6

Sem. Hrs. 41

Requirements for the minor in mathematical programming:
- MAT 262 Calculus III .................... 4
- ITM 251 Visual Basic ..................... 3
- ITM 261 Web Programming ............. 3
- MAT 301 Discrete Mathematics .......... 4
- MAT 308 Linear Algebra ................. 4

Sem. Hrs. 18

Students who major in mathematical programming may use appropriate mathematics and information technology courses required in the major to satisfy the requirements of the general curriculum distribution.

**Math Education Majors**

Students who are pursuing an education degree must consult the Education section of this catalog for a complete listing of course requirements, as well as the sequence in which to take these courses.

**Department of Music**

**Faculty:** Associate Professor Traster, Chair; Professors Edberg, Isele, Mohn; Assistant Professor Dechance.

**Accreditation**

The University is an accredited institutional member of the National Association of Schools of Music.

**Mission**

The mission of the Music Department at The University of Tampa has these purposes:
1. To prepare music students for successful careers or for graduate level study in teaching, performing and related areas.
2. To prepare the non-major music student for lifelong participation in the enjoyment of music.
3. To provide music training for those students who need musical skills, understanding and appreciation in their chosen fields (performing arts, elementary education, media, communications, etc).
4. To enrich the academic and cultural life of the University community and the Baccalaureate Experience through:
   - music course offerings intended for any student.
   - course development such as Honors, Global Issues, etc.
   - performance opportunities in musical organizations for students requiring professional training, as well as those seeking avocation outlets.
   - the presentation of a diverse concert series.
5. To serve the Tampa Bay and greater community through:
   - the availability of music consultants and clinicians to the public schools and arts organizations.
   - voluntary outreach presentation of off-campus recitals and performances.
6. To provide opportunities for professionals in the field to return to school to refresh and sharpen their skills, to update their credentials, and to take advantage of workshops for themselves and their students.
Degrees Offered
1. Bachelor of Arts in Music
2. Bachelor of Music in Performance
3. Bachelor of Music in Music Education
   (For Musical Theater, see Performing Arts Major)

Admission Requirements
Admission to all music degree programs requires:
1. a successful music audition/interview.
   (Contact the chair of the department for
   an appointment and for specific details.)
2. a music theory placement test to be
   taken at the time of audition or the begin-
   ning of the first term.

Music Opportunities for the
Non-Music Major
All students are encouraged to perform
in ensembles, to enroll in music courses, and
to take applied music (studio lessons—see
details below). Music courses may be used
to fulfill the Humanities/fine arts compo-
nent of the general curriculum distribution
requirements. Any music class may be used,
although a maximum of four studio/perfor-
ance-oriented courses may be used to sat-
isfy this requirement.

Studio/performance-oriented courses
in music:
MUS 192 World Music Chorus:
   Drumming
MUS 240 Opus Vocal Ensemble
MUS 244 Pep Band
MUS 245 Special Project in Music
   (when the project listed in the
   specific class schedule
   offering is an ensemble).
MUS 245 Orchestra
MUS 246 Camerata Vocal Ensemble
MUS 247-258 Applied Music: Studio
   Lessons (See concurrents)
MUS 291 Wind Ensemble
MUS 292 Jazz Ensemble
MUS 293 Collegiate Chorale
MUS 309 Performance Class
MUS 310 String Ensemble
MUS 311 Classical Guitar Ensemble
MUS 312 Woodwind Ensemble
MUS 313 Brass Ensemble
MUS 314 Percussion Ensemble

Applied Music (Studio Lessons)
1. Private lessons offered by the depart-
   ment are open to all students, but enroll-
   ment is limited to available staff. Accord-
   ingly, priority is given on the following ba-
   sis: (1) music majors, (2) music minors, (3)
   other full-time University students, (4) part-
   time University students.
2. An additional fee is charged for private les-
   sons, which includes the use of a practice room.
3. Participation in a department ensemble is a co-
   requisite for private lessons.
4. Beginners enroll in class instruction
   instead of private lessons.
5. All students enrolled in Applied Mu-
   sic also automatically are enrolled in MUS
   269, Recital/Concert Attendance (0 credit).
6. Applied Music students are expected
to perform on at least one student recital
each semester.
7. Students enrolled in applied music are
   expected to practice for one hour a day for
each hour of credit being received.
8. Private lessons are not given during fi-
   nal exam periods.
9. Individual lessons missed during the
   semester will not be made up unless satis-
   factory notice is given to the instructor at
   least 24 hours before the absence.
10. Private lessons are twenty-five min-
    utes per week for one credit hour or fifty
    minutes per week for two credit hours. Stu-
    dents must contact their instructors during
    the first week of the semester to arrange for
    lesson times.
11. Jury exams (graded performance exam
    before collected music faculty).
   a. Jury exams at the end of every se-
      mester are required of all students en-
      rolled in Applied Music. See the Stu-
      dio Lessons Syllabus for details.
   b. All performance jury exams must be
      passed with a recommendation from
      the jury for having achieved the appro-
      riate level of technical and musical
      mastery on the chosen instrument or
      voice for continuation in Applied Music.
   c. All students enrolled in Applied Mu-
      sic must complete the studio perform-
      ance record and turn it in to the jury,
      or to the Music Office during final ex-
ams if dismissed from juries. Students giving a Junior or Senior Recital/Showcase are normally dismissed from the jury in the term of his or her public recital or showcase.

**General Degree Requirements**

1. Every full-time music major and minor must register for MUS 269, Recital/Concert Attendance, each semester of residence.
2. Every full-time music major must participate in an assigned ensemble each semester. (Ensembles may be taken for 0 credit if the student’s total semester load is 18 credits or more.) Music scholarship recipients have additional ensemble participation requirements.
3. Every Bachelor of Arts degree candidate must pass a comprehensive exit exam on music history and theory.
4. Every Bachelor of Music degree candidate must pass the piano proficiency examination. The exam includes scales, sight-reading, harmonization, rhythm execution, and an assigned, memorized selection.
5. Music majors take MUS 102 (Music Appreciation) in the Humanities/fine arts component.
6. Bachelor of Music candidates in voice performance are required to take courses in two different foreign languages, selected from German, Italian or French.

**Piano Proficiency Exam**

Students who are in the spring semester of their sophomore year will appear before the full-time music faculty and piano instructors for piano proficiency examinations.

Beginning in their freshman year, music majors who have no prior piano study should enroll in MUS 110, 111 and then 250. Music majors who have prior piano study should enroll in MUS 250.

The Piano Proficiency Evaluation will determine areas in which the student needs further piano study, or will deem the student qualified to pass the examination. The entire evaluation will be repeated each semester until the student fulfills this skills requirement.

Upon registering for class or studio piano, all Bachelor of Music candidates will be provided materials and a plan to guide them through the semesters of piano training for this evaluation.

**EMAT: Electronic Media Art and Technology**

EMAT is an interdisciplinary program including courses offered in art, communication, information and technology management, music and writing. The program emphasizes design and production for interactivity and Web-based products for both commercial and artistic intent. It reflects the convergence between these areas in academic scholarship, aesthetic exploration, and technical applications. The history, theory and mythologies of interactivity and the Internet are explored in order to provide a context for the projects the students produce both individually and collaboratively.

**Course Requirements**

**Bachelor of Arts Degree**

**Theory and Musicianship:**
- MUS 108 Intro to Recording and Electronic Music .......... 3
- MUS 122-123, 112-113 Music Theory I-II/Musicianship I-II .......... 8
- MUS 222-223, 212-213 Music Theory III-IV/Musicianship III-IV ........ 8

**History:**
- MUS 191 World Music .................... 3
- MUS 319 Greek through Classic Music History .................. 3
- MUS 320 Romantic through 20th Century Music History .... 3

**Performance:**
- MUS 247- Applied Music on Major Instrument or Voice ...... 6
- MUS 269 Recital/Concert Attendance each semester ................. 0
- MUS 192, 240, 244,245,246, 288 314 Ensembles (each semester) .. 8
- Music Electives: any MUS courses ...... 2

Sem. Hrs. 44
Bachelor of Music Degree
Music Performance Major

Theory and Musicianship:
All of these:
MUS 122-123, 112-113
   Music Theory I-II/
   Musicianship I-II .......... 8
MUS 222-223, 212-213
   Music Theory III-IV/
   Musicianship III-IV ........ 8
One of these:
MUS 315 Choral Conducting    3
or
MUS 316 Instrumental
   Conducting             3
And this:
MUS 324 Form and Analysis    3

History:
MUS 191 World Music ............. 3
MUS 319 Greek through Classic
   Music History .............. 3
MUS 320 Romantic through 20th
   Century Music History .... 3

Performance:
MUS 225-229 Techniques courses
   (select three) .................. 3
MUS 247-267 Applied Music on Major
   Instrument or Voice ....... 16
MUS 247-268 Applied Music on Minor
   Instrument(s) or Voice ...... 4
MUS 269 Recital/Concert Attendance
   each semester .............. 0
MUS 224 Pedagogy ................. 2
MUS 192, 240, 244, 245, 246, 288-
   314 Ensembles (each semester) 12
MUS 346 Junior Recital .......... 1
MUS 446 Senior Recital .......... 1
Music electives: any MUS courses ...... 9

Sem. Hrs. 79

Bachelor of Music Degree
Music Education Major

Theory and Musicianship
MUS 122-123, 112-113
   Music Theory I-II/
   Musicianship I-II .......... 8
MUS 222-223, 212-213
   Music Theory III-IV/
   Musicianship III-IV ........ 8
MUS 324 Form and Analysis ........ 3

MUS 325 Orchestration ............ 3
Choice:
MUS 315 Choral Conducting ....... 3
or
MUS 316 Instrumental Conducting .. 3

Music History
MUS 191 World Music ............. 3
MUS 319 Greek through Classic
   Music History .............. 3
MUS 320 Romantic through 20th
   Century Music History .... 3

Performance
MUS 225-229 Techniques Courses ....... 5
MUS 247-267 Applied Music on Major
   Instrument or Voice ....... 12
MUS 269 Concert/Recital Attendance
   (each semester) ............ 8
MUS 192, 240, 244, 245, 246, 288-
   314 Ensembles (each semester) 8
MUS 346 Junior Recital .......... 1

Music Education
EDU 328 Teaching Music in
   Elementary School ........... 2
EDU 424 Middle School and
   Secondary Music
   Education ................... 3
Total Hours in Music Education Major  65

Teacher Certification
Music students desiring to teach in the
public schools must complete the BM degree with a major in music education, the
Department of Education requirements, and
the state of Florida general education re-
quirements for teacher certification.
State of Florida requirements for general
education and the UT Baccalaureate Expe-
rience include all of the following courses:
ENG 101 Composition
   and Rhetoric I ............. 4
ENG 102 Composition
   and Rhetoric II ............ 4
GTW 100 Gateways ............. 1
GTW 102 Gateways II .......... 1
GIS 101 Global Issues .......... 3
ITM 200 Introduction to
   Computers .................. 1
## Summary:

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>Music Education</td>
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<td>General Education</td>
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<td>Teacher Certification</td>
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### EMAT: Electronic Media Art and Technology

EMAT is an interdisciplinary program including courses offered in art, communication, information and technology management, music and writing. The program emphasizes designing and producing for interactivity and Web-based products for both commercial and artistic intent. It reflects the convergence between these areas in academic scholarship, aesthetic exploration and technical applications. The history, theory and mythologies of interactivity and the Internet are explored in order to provide a context for the projects the students produce both individually and collaboratively. Please see EMAT after the Department of Education.

### Music Minor Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 102 Music Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>MUS 122-123, 112-113 Music Theory I-II/Musicianship I-II</td>
<td>8</td>
</tr>
<tr>
<td>MUS 247-267 Applied Music</td>
<td>5</td>
</tr>
<tr>
<td>MUS 269 Recital/Concert Attendance each semester of Applied Music</td>
<td>0</td>
</tr>
<tr>
<td>MUS 192,240, 244,245,246, 288-314 Ensembles</td>
<td>8</td>
</tr>
<tr>
<td>Total</td>
<td>24</td>
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</tbody>
</table>

### Department of Nursing

**Faculty:** Dana Professor Ross, Director; Professor Kessenich; Associate Professor Hauber, Smith; Assistant Professor Curry, Ellis.

The Department of Nursing offers programs at the baccalaureate and master’s degree levels, preparing nurses for roles in family and adult health, and nursing education. For further information, contact the Nursing Department at (813) 253-6223 or nursing@ut.edu.
All nursing programs are accredited by the National League for Nursing Accrediting Commission, 61 Broadway, 33rd Floor, New York, NY 10006; (800) 669-1656, ext. 153; Fax: (212) 812-0390; E-mail: www.nlnac.org.

Bachelor of Science in Nursing

The philosophy of the department is that professional nursing is based on knowledge of the arts, sciences, humanities and nursing. The University of Tampa and Tampa General Hospital have joined in partnership to offer the BSN degree in order to provide unique opportunities for nursing students to balance “learning by thinking” with “learning by doing.” Students have the opportunity to be taught by a nationally recognized faculty, as well as expert nurse clinicians in current practice. In addition to Tampa General Hospital, students have access to multiple other clinical facilities offering a learning environment rich in experiences encompassing state-of-the-art technology and clinical expertise in health care provision.

The BSN offers a comprehensive program of learning for students without previous preparation in nursing. The nursing curriculum consists of 126 semester hours, 60 credits from general education courses (including electives) and 66 from nursing courses. Of the 27 nursing courses, nine have a clinical component.

Admission requirements are consistent with those of The University of Tampa. Additional requirements are detailed under Progress in the Program.

A student seeking to enter the four-year BSN program initially applies to The University of Tampa as a regular undergraduate student. After successfully completing the initial designated 49 credits, the student applies for admission to the nursing program. This baccalaureate program is a competitive program. Meeting minimal requirements does not guarantee admission to the nursing program. The deadline to apply to the Nursing Program is Oct. 15 of each year beginning in fall 2006.

Nursing Department
Admission requirements:

- Completion of prerequisite (49 credits) with a minimum 3.0 cumulative GPA.
- A grade of “C” or better in all science courses.
- Meeting core performance standards, including:
  - Critical thinking ability sufficient for clinical judgment and cognitive skills to acquire, assimilate, integrate and apply information.
  - Ability to communicate in English effectively/therapeutically with others from a variety of social, emotional, cultural and intellectual backgrounds.
  - Interpersonal skills sufficient to interact effectively with others from a variety of social, emotional, cultural and intellectual backgrounds.
  - Sufficient mobility to move from room to room, maneuver in small places, and move freely and quickly to respond to emergencies and to perform physically taxing, repetitive tasks.
- Complete application to the Nursing Program.
- A personal statement (one page) discussing reasons for electing the nursing major.
- One letter of recommendation from an academic or work source.

Upon acceptance to the Nursing Program, students must submit:

1. physical examination and proof of immunization.
2. proof of current BCLS certification.
3. results of annual TB skin test or chest x-ray.

Students may be assessed a lab fee prior to each clinical course.

Progression in BSN Nursing Program:

Once admitted to the Nursing Program, the student must successfully complete five semesters of nursing courses; initially, the student must master a basic mathematical package which includes addition, subtraction, multiplication, long division, fractions, decimals, conversions and word problems with a minimum score of 90%. Students who do not master the package during
the semester they take NUR 212 and NUR 212L will not be allowed to continue in the Nursing Program.

Earn a “C” or higher in all science and nursing courses.

**Overview of the BSN Requirements**

**Freshman Year**

**Semester I**
- ENG 101 Composition and Rhetoric I ........................ 4
- GIS 100 Global Issues .................... 3
- MAT 160 College Algebra ............... 4
- HEA 230 Human Anatomy and Physiology I .................... 4
- HEA 234 Human Anatomy and Physiology I-Lab ............. 1
- GTW 100 Gateways I ...................... 1

**Semester II**
- ENG 102 Composition and Rhetoric II ....................... 4
- HEA 231 Human Anatomy and Physiology I .................... 3
- HEA 235 Human Anatomy and Physiology II-Lab ............ 1
- CHE 150 Chemistry for Health Care .......... 4
- GTW 102 Gateways 2 ..................... 1
- ITM 200 Introduction to Computers ......................... 1
- PSY 200 General Psychology .......... 4

**Sophomore Year**

**Semester I**
- SOC 100 Introduction to Sociology ... 4
- BIO 183 Microbiology for Health Sciences ............... 3
- Elective: Humanities (recommended PHL 209) .......... 4
- PSY 210 Child Psychology .......... 4

**Semester II**
- NUR 200 Concepts of Nursing .......... 2
- NUR 212 Foundations of Nursing Practice .................. 3
- NUR 213 Professional Skills in Nursing .................... 0
- NUR 213L Professional Skills in Nursing Practice-Lab .......... 4
- NUR 218 Health Assessment (Lifespan) ............... 4
- NUR 210 Introduction to Pathophysiology .......... 3

**Junior Year**

**Semester I**
- NUR 345 Pharmacology .................. 3
- NUR 347 Clinical Nutrition ............... 2
- PHL 200, 201 or 212 ..................... 4
- NUR 312 Nursing Care of Adults .......... 1.5
- NUR 312L Nursing Care of Adults Lab .......... 1.5
- NUR 313 Nursing Care of Older Adults .......... 1.5
- NUR 313L Nursing Care of Older Adults Lab .......... 1.5

**Semester II**
- NUR 314 Nursing Care of the Developing Family .......... 1.5
- NUR 314L Nursing Care of the Developing Family-Lab .......... 1.5
- NUR 315 Nursing Care of Children .......... 1.5
- NUR 315L Nursing Care of Children Lab .......... 1.5
- NUR 322 Contemporary Issues in Healthcare .......... 3
- Statistics ............................................. 4
- Humanities Elective ....................... 4

**Senior Year**

**Semester I**
- NUR 410 Mental Health Nursing Across the Lifespan .......... 1.5
- NUR 410L Mental Health Nursing Across the Lifespan-Lab .......... 1.5
- NUR 412 Nursing Care in the Acute Care Setting .......... 3
- NUR 412L Nursing Care in the Acute Care Setting-Lab .......... 3
- NUR 415 Leadership and Management .......... 3
- NUR 432 Introduction to Nursing Research .......... 3

**Semester II**
- NUR 422 Principles of Community Health .......... 3
- NUR 422L Principles of Community Health-Lab .......... 2
- NUR 452 Clinical Preceptorship .......... 5
- NUR 454 Senior Seminar .................. 2
- Nursing Elective ...................... 3

Total Credits: ........................ 126 credits
General Education: ............ 60 credits
Nursing: ............................. 66 credits
Total Clinical Hours: .... 1,232 (1:4)

The RN to BSN Program

This program provides a means for RN graduates of diploma and associate degree programs to complete the BSN degree, and provides a foundation for graduate education.

The nursing major is comprised of 57 semester hours of credit in nursing and 67 semester hours of credit in general education, which includes the general curriculum distribution, support and elective coursework.

RN students are granted 24 credits for their lower-division nursing courses.

Admission to the RN to BSN Program

Registered nurses interested in the BSN program must meet the following requirements:
1. The applicant must be currently licensed by the state of Florida as a registered nurse. (Evidence for eligibility for licensure may be accepted in lieu of a current state of Florida license to enroll in the first semester.) The student must be fully licensed to continue after the initial term.
2. The applicant must have a minimum cumulative grade point average of 2.0 overall in transfer coursework.
   If the GPA is below 2.0, conditional admission may be granted to take up to 12 semester hours at the University. Progress is evaluated upon completion of these credit hours.
   Full acceptance to the nursing major will be granted upon achievement of a grade of “C” or better in each of the courses comprising the 12 hours.

Transfer Credit Policy

Nursing students may transfer up to 64 semester hours of course credit from a regionally accredited two-year institution. Of the total transferable hours, 24 hours of lower-division nursing credit will be awarded to students who are licensed as registered nurses in Florida. Additional credit earned at a four-year institution may also be transferred.

Articulation agreements have been established with selected community college nursing programs that could increase the number of transferable credits in any case in which a student has earned both an ADN (or an AS) and an AA degree.

Overview of the RN to BSN Requirements

The following is a general guide to the credit required for the RN to BSN. Because of differences in amounts of transfer credit granted, the actual credit may vary slightly from student to student. In every case, however, a total of at least 124 semester hours of credit is required for the degree.

General curriculum distribution........ 45
Lower-division nursing credit ........... 24
Upper-division nursing credit .......... 33
Additional departmental directed
directives ......................................... 12
Electives: ......................................... 10
Sem. Hrs. 124

General Curriculum Distribution

The general curriculum distribution requirements are contained in the academic programs section. Students pursuing the BSN must complete all general curriculum distribution requirements, with the following stipulations.
1. As part of the natural science component, each nursing student must have credit in a microbiology course and a physical or chemical science course.
2. As part of the Humanities/fine arts component, each nursing student must have credit in PHL 201 (Logic), PHL 200 (Introduction to Philosophy) or PHL 212 (Critical Thinking).
3. As part of the baccalaureate experience, each student must have a 3-4 credit art/aesthetic course.
4. As part of the social science component, each nursing student must include credit in a general or introductory psychology course and a general or introductory sociology course.
5. In addition to the general curriculum requirements, every BSN student must have a minimum of three credits in an introductory
statistics course and anatomy and physiology 1+11 with labs for both courses.
6. A computer course is a prerequisite to any of the nursing courses.

**Nursing Credit**

In order to fulfill upper-division requirements for the BSN, students must complete the following required nursing courses and additional required support courses.
- NUR 301 Concepts of Professional Nursing ......................... 3
- NUR 311 Nursing Leadership and Management I .................. 3
- NUR 318 Health Assessment* .................................. 3
- NUR 322 Contemporary Issues in Health Care .................. 3
- NUR 420 Principles of Community Health ............................ 3
- NUR 411 Nursing Leadership and Management II .............. 3
- NUR 432 Introduction to Nursing Research .......................... 3
- NUR 438 Principles of Family Health ............................... 3
- NUR 440 Community/Family Practicum* .............................. 4
- NUR 446 Senior Practicum* .................................. 4

Sem. Hrs. in upper-division nursing 33

*Courses include a clinical and/or laboratory experience.

Each practicum requires 112 hours of precepted clinical experience.

**Progress in the Program**

1. A minimum grade of “C” is required in required nursing courses.
2. The student must comply with academic policies and procedures described earlier in this catalog.
3. Prior to enrolling in the second term, each student must submit to the nursing program director an official background check completed by the Florida Department of Law Enforcement.
4. Prior to enrolling in any clinical/laboratory course, the student must submit:
   a. proof of liability insurance coverage.
   b. physical examination and proof of immunization.
   c. proof of current BCLS certification.
   d. proof of current licensure (RN to BSN students only).
   e. results of annual TB skin test or chest x-ray.

**RN/BSN/MSN Admission Option**

The RN/BSN/MSN option at The University of Tampa expedites educational mobility and career enhancement by enabling the qualified RN to complete both the BSN and MSN in a more rapid fashion than the traditional programs. The program facilitates and supports educational mobility, and strengthens the leadership abilities of nurses who already have a foundation of professional experience. When required undergraduate courses are completed, students in the program will be awarded a BSN. Some undergraduate courses will be waived and replaced by graduate level coursework.

Students may choose full time or part-time study. By completing the baccalaureate and master’s curriculum, a highly motivated student is able to maximize educational time and advance in professional education and clinical leadership.

**Admission Process to RN/BSN/MSN Option**

**Phase I. Apply to BSN program:**

Complete a UT application with application fee. The student must have a GPA of 2.0 or higher in transfer college/university coursework. Submit official transcripts from all post-secondary institutions attended and a copy of registered nurse license from the state of Florida (evidence of eligibility for licensure may be accepted in lieu of a current state of Florida license to enroll in first semester).

**Complete undergraduate requirements:**

Fulfill the general education distribution requirements set forth in the catalog. Complete the following Nursing courses: NUR 301, 311, 318 and 322.

**Phase II**

Take Graduate Record Examination, achieving a score of 1,000 or higher (verbal and quantitative combined). Meet all requirements for admission to MSN program,
except completion of a BSN. Please note that the student must have a minimum GPA of 3.25 from last 60 credit hours of previous coursework at the time of formal application to the MSN program.

Department of Philosophy and Religion

Faculty: Associate Professor Sweeney, Chair.

The philosophy minor offers a balanced set of courses emphasizing skills of critical thinking and argumentation, and exposing students to a variety of philosophical issues. Courses in the history of philosophy, ethical theory, applied ethics, aesthetics, philosophy of mind and philosophy of science round out the program.

Philosophy

Requirements for the minor in philosophy:

Twenty semester hours of credit to include PHL 200 (Introduction to Philosophy), PHL 201 (Logic), and at least one 300-level course.

Courses in religion are offered through the Department of Philosophy and Religion. A major or minor in religion is not offered.

Department of Psychology

Faculty: Associate Professor Hekkanen, Chair; Dana Professor Musante; Professor McReynolds; Associate Professors Kleper, Sclafani, Cummings; Assistant Professors Hardin, Stasio, Woodson, Blessing.

The mission of the Department of Psychology is to offer students a high-quality, state-of-the-field educational experience in psychology as a behavioral, cognitive, social science and applied discipline. Those majoring in psychology receive curricular and extracurricular experiences that meet or exceed all educational standards for undergraduates set by the American Psychological Association.

The values inherent in our teaching, advising and programming include:

- Excellence in the classroom and extracurriculum
- Professional and personable faculty-student relations
- Reliance on the rational and empirical methods of science in human enquiry
- Critical thinking and judicious consumption of information and opinions
- Active faculty involvement in scholarship and professional activities
- Experiential and service learning as adjuncts to classroom instruction
- Human diversity and cultural awareness
- Liberal arts-based, multidisciplinary understanding of human problems and prospects, including attendant ethical considerations

The Department of Psychology offers both a bachelor of arts degree and a bachelor of science degree in psychology. The BA degree is intended for those students who will seek employment at the baccalaureate level or additional training in applied graduate programs (e.g., counseling, clinical, industrial/organizational, social work, organizational behavior, business administration, school psychology, guidance and counseling, law). The BS degree is intended to prepare students for graduate programs in the research areas of psychology (e.g., clinical, social, cognitive, biopsychology, human and animal experimental, developmental) and other graduate programs related to psychology that also require a strong natural science and mathematics background (e.g., medicine, genetic counseling, neuroscience, cognitive science). The student may not earn both a BS and a BA in psychology.

All BA and BS psychology majors must take a 19-credit-hour foundation of psychology courses, 16 credits of required courses from the various emphasis areas, and at least eight additional credits to complete either a general emphasis or one of the five specialized emphases (cognitive, social, clinical, organizational or biopsychology). The BA requires a minimum of 43 credits in psychology classes plus MAT 160 (4 credits), and the BS requires a minimum of 43 credits in psychology classes plus the natural science and mathematics courses (24 credits) listed below.
Foundation for the BA and BS degrees

Three 200-level courses, including PSY 211, must be successfully completed before enrolling in any 300-level (or higher) psychology course. In addition, 16 credits in psychology courses numbered above 300, including one 400-level psychology class, must be taken. To fulfill the foundation requirements, choose either PSY 201 or PSY 312, and complete the remaining foundation courses.

- PSY 200 General Psychology .......... 4
- PSY 204 The Great Psychologists ... 2
- PSY 211 Statistics and Methods I ... 4
- PSY 220 Fundamentals of Biopsychology and Learning ...... 4
- PSY 201 Psychological Assessment or
- PSY 312 Statistics and Methods I ... 4
- PSY 499 Senior Capstone ...... 1 credit

Requirements for a General or Specialized Emphasis for the BA and BS degrees

A. Complete the requirements for either the BA or BS listed under each emphasis (16 credits).

B. Complete the requirements for either a General Emphasis or a Specialized Emphasis.

1. General Emphasis Requirements: After completing the requirements for the BA or the BS listed under each emphasis, select an additional two courses from among the different emphases.

2. Specialized Emphasis Requirements: After completing the requirements for the BA or the BS listed under each emphasis, select your desired emphasis and take additional courses to bring the total number of courses in the emphasis to at least three.

Emphases in Psychology

A. Cognitive

1. For a BA, select one
2. For a BS, select one

- PSY 227 Applied Cognitive Psychology
- PSY 318 Sensation and Perception
- PSY 424 Cognitive Psychology
- PSY 425 Thinking
- PSY 430-449 Selected Topics Course: A seminar course involving a special topic in cognitive psychology

B. Social

1. For a BA, select one
2. For a BS, select PSY 203

- PSY 203 Social Psychology
- PSY 230 Theories of Personality
- PSY 250 Health Psychology
- PSY 325 Psychology of Women
- PSY 402 Social Psychology and the Law
- PSY 404 Human Sexual Behavior
- PSY 430-449 Selected Topics Course: A seminar course involving a special topic in social psychology

C. Clinical

1. For a BA, select either one or none (if none, must select one from the organizational emphasis)
2. For a BS, select PSY 303

- PSY 210 Child Development
- PSY 303 Abnormal Psychology
- PSY 310 Lifespan Cognitive Development
- PSY 430-449 Selected Topics Course: A seminar course involving a special topic in clinical psychology

D. Organizational

1. For a BA, select either one or none (if none, must select one from the clinical emphasis)
2. For a BS, none are required

- PSY 202 Industrial Psychology
- PSY 305 Applied Psychology
- PSY 430-449 Selected Topics Course: A seminar course involving a special topic in organizational psychology

E. Biopsychology

1. For a BA, select one
2. For a BS, select one

- PSY 311 Evolutionary Psychology
- PSY 316 Psychopharmacology
- PSY 420 Behavioral Neuroscience
- PSY 430-449 Selected Topics Course: A seminar course involving a special topic in biopsychology

Natural Sciences and Mathematics

Requirements for the BS Degree in Psychology

(The following courses are in addition to the psychology courses required for the BS,
and can be used to satisfy appropriate requirements in the general curriculum distribution or in other majors/minors. Grades in these courses count toward the GPA in the psychology major.)

A. Successful completion of MAT 170 (Precalculus) or MAT 260 (Calculus I).

B. Successful completion of one course (including the laboratory portion) from physics or chemistry (comparable to PHY 200 or CHE 152).

C. Successful completion of four courses from biology or genetics (including laboratory portion): BIO 203, 204, 212, 225, 250, 310, 330, 350 and 450; may take BIO 220 if PSY 311 has not been taken.

Field Work, Independent Study (specify the number of credits) and Senior Thesis (require permission of the instructor and the psychology chair).

PSY 405 Clinical Field Work .... 4 credits
PSY 406 Industrial Field Work .................................. 1-4 credits
PSY 407 Experimental Field Work .................................. 1-4 credits
PSY 450 Independent Study .................................. 1-4 credits
PSY 451 Senior Thesis ........ 4 credits

A Minor in Speech/Theater

Students interested in pursuing a minor in speech/theater are required to complete 24 semester hours of credit in courses that are designated as either SPE or DRA. Students must fulfill 12 credits of required coursework as stated below. The remaining 12 credits required for the minor are elective courses chosen by the student. Students are given the opportunity to design a program of study that will best suit their academic needs, as well as draw upon their talents and expertise in the disciplines of speech, theater or both. A total of eight semester hours must be selected from “Group A” electives and four semester hours from “Group B” electives. Please be advised that DRA 240, 241 and 242 may be repeated for credit. However, students may not register for this course more than four times toward the fulfillment of a minor in speech/theater.

Coursework for the minor in speech/theater

REQUIRED

11 credit hours of required courses as follows:
SPE 100 Voice and Diction ............. 4
DRA 103 Survey of World Theatre I (W) ........................................... 3

or
DRA 104 Survey of World Theatre II (NW-JG-W) .......................... 3
DRA 204 Acting I .................................. 3
DRA 245 Special Projects in Technical Theater Production ........... 1

ELECTIVE COURSES – GROUP A

9 credit hours must be chosen from the following:
SPE 200 Oral Communication ............. 4
DRA/SPE 205 Oral Interpretation of Literature .................................. 4
DRA 240 Special Projects in Theater: Drama Production Participation ................ 0–1
DRA 241 Special Projects in Theater: Musical Production Participation ................ 0–1
DRA 242 Special Projects in Theater: Cabaret Production Participation ................ 0–1
DRA 304 Acting II ........................................ 3
DRA 305 Acting Shakespeare .......... 3
DRA 308 Development of Musical Theater ................ 3
DRA 320 Play Analysis (W) ............ 3

ELECTIVE COURSES – GROUP B
Four credit hours must be selected from the following:
SPE 208 Speech for Business and the Professions .................. 4
SPE 300 Storytelling: Voice, Script and Movement (W) .......... 4
DRA 303 Seminar in Public Performance ......................... 4
DRA 325 Directing (W) .................. 4

Dance Opportunities
Dance students are encouraged to perform in numerous public presentations. Additionally, opportunities for performance, assistant teaching, demonstrating and choreography are arranged on an individual basis.

Studio/performance-oriented courses in dance:
DAN 112 Dance Partnering I
DAN 113 Dance Partnering II
DAN 141 Beginning Jazz Dance
DAN 142 Beginning Modern Dance
DAN 143 Latin Dance Forms
DAN 144 Beginning Tap Dance
DAN 149 Beginning Ballet I
DAN 151 Beginning Hip Hop, Urban, and Funk
DAN 199 Beginning Ballet II
DAN 231 Special Projects in Dance: Dance Happening
DAN 232 Special Projects in Dance: Spring Dance Concert
DAN 233 Special Projects in Dance: Dance Production
DAN 241 Intermediate Jazz Dance
DAN 242 Intermediate Modern Dance
DAN 244 Intermediate Tap Dance
DAN 246 Modern Jazz in Musical Review
DAN 249 Intermediate Ballet
DAN 251 Intermediate Hip Hop, Urban and Funk
DAN 261 Stretching and Relaxation
DAN 269 Dance Improvisation
DAN 270 Composition and Choreography
DAN 301 Special Topics in Dance
DAN 342 Advanced Modern Dance
DAN 349 Advanced Ballet
DAN 460 Advanced Multi-Disciplinary Dance

A Minor in Dance/Theater
Students interested in pursuing a minor in dance/theatre will be required to fulfill 24 semester hours of credit in courses designated as DAN or SPE/DRA. The following outline of coursework, as well as a listing of the various options for electives, should better help students design a minor program that will draw upon their skills and expertise in the disciplines of dance and theater.

Coursework for a minor in dance/theater

REQUIRED “CORE” COURSES
SPE 300 Storytelling: Voice, Script Movement (W) ............... 4
DRA 103 Survey of World Theater I (W) .................. 3

or
DRA 104 Survey of World Theater II (NW-IG-W) ............. 3

DAN 201 Dance History .................. 3
DAN 269 Dance Improvisation ....... 1
DAN 270 Composition and Choreography .......... 1

SUGGESTED ELECTIVE COURSES
Eight credit hours must be in technique classes chosen from the following:
DRA 204 Acting I .................. 3
DRA 221 Stage Movement .......... 2
DRA 241 Special Projects in Theater: Production Participation ... 1
DRA 245 Special Projects in Theater: Technical Production ...... 1
DAN 112 Dance Partnering I ........ 1
Performing Arts (Musical Theater)

Students majoring in this bachelor of arts degree program receive balanced training and experience in the three performance areas associated with musical theater: music, drama and dance. They develop performance skills and repertoire, and participate in staged productions and concert cabarets, as well as excerpts and scenes. Highlights of the program are (1) in-residence workshops with established music theater artists and (2) an internship opportunity with a local theme park, theater company or other venue deemed appropriate by the faculty and program director. An audition is required for admission to the program. Contact either of the program co-directors, Dr. David Isele or Professor Michael Staczar, to schedule an appointment for more specific details.

Students accepted into the program must successfully pass a second-year evaluation review, which is administered the spring semester of the second year of study (or, for transfer students, after 60 hours are earned). Transfer students who are admitted with junior status are exempt from the evaluation. The evaluation process encompasses performance in all three areas of the performing arts major (singing, acting and dance/stage movement). Students who do not successfully complete the Sophomore Evaluation Review will not be allowed to continue in the PAR program.

Requirements for the performing arts major

THEORY AND MUSICIANSHIP

MUS 122-123 Music Theory .............. 6
MUS 112-113 Musicianship I-II .......... 2
MUS 212-213 Musicianship III-IV ....... 2
MUS 110 Piano Class ...................... 1

MUSIC THEATER PERFORMANCE AREA

MUS 251 Voice ................................ 6
MUS 269 Recital/Concert Attendance (must receive “pass” every term) ....................... 0
MUS Ensembles (or one each semester for transfer students) ............... 8
MUS 242 Special Project in Music: Career Development
Audition Seminar ............... 1
MUS 243 Internship (junior/senior) .. 1
MUS 346 Junior Recital-Musical Revue, Cabaret Style (recommended but not required) .. 1
MUS 446 Senior Showcase .......... 1
MUS 241/ Special Projects in Theater:
DRA 241* Musical Production
DRA 242 Special Projects in Theater: Cabaret
DRA 245 Participation or Special Projects in Theater:
Technical Theater ............ 4
Performing arts majors are required to audition for all university musical theater productions. If cast in a part, the student must accept the role or risk losing his or her scholarship. If a student does not audition or refuses a role, he or she will not be allowed to audition for any productions for the remainder of that academic year. The director of the Musical Theater Program and the chair of the Department of Speech, Theater and Dance must approve any exceptions to this rule.

**THEATER**
- DRA 204 Acting I ................................ 3
- DRA 304 Acting II ............................ 3
- DRA 320 Play Analysis ........................ 3
- DRA 308 Development of Musical Theater .......................... 3

**DANCE**
- DAN 112 Dance Partnering ..................... 1
- DAN 149 Beginning Ballet ...................... 2
- DAN 141/241 Beginning or Intermediate Jazz Dance .......... 2
- DAN 144 Beginning Tap Dance ................... 2
- DAN 246 Modern Jazz in Musical Revues ..................... 2

Sem. Hrs. 53

**Four-Year Degree Program for Performing Arts Majors**

This program of study is designed as a reference guide for students pursuing degrees in the performing arts. It does not include academic requirements of the core. Students should plan a degree program that best suits their academic needs, baccalaureate experience/core requirements and time limitations. Students are strongly encouraged to meet with their advisors to discuss specific enrollment options.

**First Year**

**Fall Semester**
- MUS 251 Voice Lesson ......................... 1
- MUS 110 Piano Class .......................... 1
- MUS 112, 122 Musicianship and Theory .. 4
- MUS 269 Recital/Concert Attendance .......... 0
- MUS Ensemble** (as advised) and/or
- DRA/MUS 241 or
- DRA 242 or
- DRA 245*** ................................. 1

**Spring Semester**
- MUS 113, 123 Musicianship and Theory .. 4
- MUS 251 Voice Lesson ........................ 1
- MUS 269 Recital/Concert Attendance .......... 0
- MUS Ensemble** (as advised) and/or
- DRA/MUS 241 or
- DRA 242 or
- DRA 245*** ................................. 1

**Second Year**

**Fall Semester**
- DRA 204 Acting I ............................. 3
- DRA 320 Play Analysis ........................ 3
- MUS 212 Musicianship III ................... 1
- MUS 251 Voice Lesson ........................ 1
- MUS 269 Recital/Concert Attendance .......... 0
- MUS Ensemble** (as advised) and/or
- DRA/MUS 241 or
- DRA 242 or
- DRA 245*** ................................. 1

**Spring Semester**
- DRA 304 Acting II ............................ 3
- MUS 213 Musicianship IV .................... 1
- MUS 242 Career Development and Audition Seminar .......... 1
- MUS 251 Voice Lesson ........................ 1
- MUS 269 Recital/Concert Attendance .......... 0
- MUS Ensemble** (as advised) and/or
- DRA/MUS 241 or
- DRA 242 or
- DRA 245*** ................................. 1

**Sem. Hrs. 53**
**Third Year**

**Fall Semester**
- MUS 251 Voice Lesson .................... 1
- MUS 269 Recital/Concert Attendance .......... 0
- MUS Ensemble** (as advised)
- and/or
- DRA/MUS 241
- or
- DRA 242
- or
- DRA 245*** .................................. 0-1
- Dance Component* .......................... 2

**Spring Semester**
- MUS 251 Voice Lesson .................... 1
- MUS 269 Recital/Concert Attendance .......... 0
- DRA 308 Development of Musical Theater .......... 3
- MUS Ensemble** (as advised)
- and/or
- DRA/MUS 241
- or
- DRA 242
- or
- DRA 245*** .................................. 0-1
- Dance Component* .......................... 2

**Fourth Year**

**Fall and/or Spring Semester**
- MUS 243 Performance Internship ... 1
- MUS 446 Senior Performance Project** .... 0
- MUS 251 Voice Lesson .................... 1
- MUS 269 Recital/Concert Attendance .......... 0
- MUS Ensemble** (as advised)
- and/or
- DRA/MUS 241
- or
- DRA 242
- or
- DRA 245*** .................................. 1
- Dance Component* .......................... 2

Students should devote the fourth year to the completion of all remaining requirements of the major, as well as the completion of any outstanding core requirements.

* **Dance Component Information**

Dance courses are offered on an alternating schedule by year; therefore, students should enroll in courses based on their level of training and course availability.

DAN 112/113, Dance Partnering I and II, normally are offered every semester.
DAN 149, Beginning Ballet, is offered every fall semester.
DAN 141, Beginning Jazz Dance, and DAN 144, Beginning Tap, normally are taught within the same academic year.
DAN 241, Intermediate Jazz Dance, and DAN 246, Modern/Jazz in Musical Revues, normally are taught within the same academic year.

**Music Ensemble Information**

Students in the performing arts major should be reminded that they are required to have a minimum of eight credit hours of music ensembles for the completion of their degree program.

*** **DRA/MUS 241, DRA 242 and DRA 245 information**

Students in the performing arts major should be reminded that they are required to have a minimum of four credit hours of either DRA/MUS 240 or 241, Special Projects in Musical/Drama - Production Participation, DRA 242, Special Projects in Cabaret, or DRA 245, Special Projects in Technical Theater. These courses are designed to allow students to receive college credit for the practical experience gained while performing in, or technically assisting with, a musical production or theater presentation at The University of Tampa.

**** **Senior Performance Project Information**

Any student planning a senior performance project (Senior Showcase) is required to be enrolled in a studio voice lesson (MUS 251) in the semester in which the project is to be performed. Students in the performing arts major should be reminded that they are required to present a senior performance project in their final year for the completion of the degree program.

**Suggested Humanities/Fine Arts Electives**

As part of the Baccalaureate Experience, students are required to enroll in humanities/fine arts courses for a total of 11 semester hours. The following courses are suggested to fulfill this academic requirement. Please be advised that this is only a partial list; it is suggested that students discuss these and other elective courses with their advisors prior to enrollment.
COM Courses Relating to the Performing Arts
Any DAN and/or DRA courses not required within the major
ENG and LIT courses relating to Drama/Performing Arts
MUS Ensembles and Studio Lessons (instrumental)
MUS 100 Music Fundamentals
MUS 102 Music Appreciation
MUS 108 Introduction to Recording and Electronic Music
MUS 109 Recording and Synthesis Techniques
MUS 111- Piano Class 211
MUS 191 World Music
MUS 238 Music Theater Workshop
SPE 100 Voice and Diction
SPE 205 Oral Interpretation/Performance of Literature
SPE 300 Storytelling: Voice, Script and Movement

Women’s Studies Minor
Faculty: Assistant Professor Hayden, Director; Professors Musante, Rynder, Tillson, VanSpanckeren, N. Winston; Associate Professor E. Winston; Assistant Professors Hidalgo, Newell, Ruf.

The Women’s Studies minor draws on history, literature, psychology and sociology in order to explore such topics as women’s accomplishments, their depictions of themselves and others, their depiction in popular culture, theories of gender roles and stereotyping, and the social and economic forces that continue to shape women’s lives.

Requirements for the minor in women's studies:
Twelve semester hours of credit from the following:
GIS 101 Women’s Place: A Literary Examination of a Global Issue ................. 4
SOC 404 Women and Aging .............. 4
WST 215 Women in American History .................. 4
WST 220 Sociology of Gender Roles .... 4
WST 238 Contemporary Themes in Literature: Women’s Literature .................. 4
WST 325 Psychology of Women .......... 4
WST 370 Women in Film, and Popular Culture ............ 4
WST 383 Women’s Studies .......... 4
WST 403 Women and Aging ............... 4
WST 404 Human Sexual Behavior: Seminar .................. 4
*(Eight of the 20 semester hours of credit must be on the 300 and 400 levels, including WST 383, which is a required course for this minor.)

Additional courses approved by the program director of women’s studies and by the Curriculum Committee may be used to satisfy the women’s studies minor.

Alternative Degree Programs in CLAS

BA in Economics
Undergraduate students in the College of Liberal Arts and Sciences may elect to earn a BA in economics. The Bachelor of Arts in Economics allows the student to combine a strong liberal arts background with an important functional area of business. The economics major provides students with an analytical framework that allows them to critically evaluate the performance of businesses and government economic policy in the context of the global marketplace.

Requirements for the major in economics:
ECO 204 Principles of Microeconomics ........... 3
ECO 205 Principles of Macroeconomics ........... 3
ECO 320 Managerial Economics .......... 3
ECO 321 Intermediate Macroeconomics Analysis ................. 3
ECO 461 Seminar in Economics .......... 3
ECO Electives .................................. 12
ACC 202 Financial Accounting ........ 3
ITM 210 Managerial Statistics* .......... 3
Smt. Hrs. 33

*MAT 201, Introduction to Statistics, four hours, may be substituted. This substitution is recommended for students planning graduate work in economics.

Requirements for a minor in economics: 18 semester hours.