The College of Social Sciences, Mathematics and Education (CSSME) consists of five departments with curricula in seven core undergraduate disciplines — criminology, education (elementary and secondary), government and world affairs, history, mathematics, psychology and sociology. From these seven areas, students may earn one of 24 different majors, minors or certificates. There is a master’s program in education offering Master of Arts in Teaching (M.A.T.) and Master’s of Education (M.Ed.) degrees.

There are four qualities that make CSSME special. They are:
- Mentoring;
- Experiential learning/undergraduate research opportunities;
- International education emphases;
- State of the art equipment; access to technology.

With respect to mentoring, CSSME offers good class size balance with many small upper level sections. The college faculty members are all outstanding teachers who employ state-of-the-art teaching methodologies and experiential learning opportunities across all majors. Ninety-two percent of our faculty members have earned terminal degrees, and all are experienced and professionally qualified. Our faculty members serve as guides and career mentors, acting as professional role models in their relationships with students both in and out of class.

In the area of experiential learning, CSSME is pleased to offer a variety of internships, from work with local schools and government agencies, to opportunities with law enforcement and in social agencies. More of our classes are featuring a service learning component, which matches students in class with community partners in real-world learning environments. CSSME faculty members also engage our students in collaborative research opportunities including Honors research fellowships. Our faculty welcomes the prospect of working with students who wish to pursue research opportunities at the undergraduate level.

The CSSME faculty members also are campus leaders in the University’s global education initiatives, from teaching in Global Issues and other international-based courses to mentoring students who pursue their Certificate in International Studies (CIS). In international education efforts, we encourage study abroad / travel abroad opportunities. More than 40 trips have been taken by CSSME faculty since 1995 to cities such as Amsterdam, London, Paris, and Rome, and a number of countries in Europe and the Far East. Many of the University’s global education requirements are taught through our GWA, HIS and IST programs.

Regarding access to and use of technology, the college has several dedicated facilities including specialized education classrooms and high tech-equipped classrooms. We are also proud to have psychology teaching labs including a statistics-based computer access classroom as well as a biopsychology lab for simulations and animal brain dissections.

**Department of Criminology and Criminal Justice**

**Faculty:** Assistant Professor Maddan, Chair; Associate Professors Brinkley, Cappelis, LaRose, Smith; Assistant Professor Branch; Instructor Schnurbush.
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 are: 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 Department of Criminology and Criminal Justice 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 the community.

Criminology Major
Requirements for a major in criminology:

**A. Behavioral Theory**

- CRM 210 Ethics in Justice ...........4
- CRM 212 Juvenile Delinquency ......4
- CRM 300 Victimology ..............4
- CRM 310 Abnormal Behavior and Criminality ...........4
- CRM 403 Drugs, Deviance and Crime ..........4
- CRM 406 Violence in America ....4
- CRM 427 Death Penalty ..........4

**B. Organizational**

- CRM 200 Introduction to Law Enforcement ..........4
- CRM 203 Community Policing ........4
- CRM 205 Community-Based Corrections ..........4
- CRM 206 Criminal Investigation ....4
- CRM 307 Introduction to Forensic Science ..........4
- CRM 313 Introduction to Corrections ..........4
- CRM 315 Appellate Advocacy ........3
- CRM 316 Trial Advocacy ............3
- CRM 321 Comparative Criminology ..........4
- CRM 400 Crime and Punishment: Current Controversies ....4

**C. Law**

- CRM 311 Criminal and Court Procedure ..........4
- CRM 312 Criminal Law ............4
- CRM 323 Correctional Law ..........4
- CRM/GWA 402 Constitutional Law and the Supreme Court ....4
- CRM/GWA 404 Gender, Sexuality, and the Law ..........4
- CRM/GWA 407 Constitutional Law, Race Relations and Civil Rights ..........4
- CRM/GWA 408 First Amendment and the Supreme Court ....4

**Individual Study Course Opportunities**

Those students who are planning to attend graduate or law school and meet the require-
ments 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

**Criminology Minor**

Twenty semester hours, including CRM 101 or 102 and 8 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 content of the law 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 and the Legal System ..........4
- CRM/GWA 402 Constitutional Law and the Supreme Court ...4
- Speech .................................................4

(Choose one of the following courses; 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
- Choose one of the following courses
  - CRM 311 Criminal and Court Procedure .................4
  - CRM 312 Criminal Law ..................................4
  - CRM 323 Correctional Law ..........................4
  - International .......................................4
- Choose one of the following courses
  - 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
- CRM/GWA 315 Appellate Advocacy ................3
- CRM/GWA 316 Trial Advocacy ......................3
- MGT 321 Law and Society .........................3
- CRM 401 Internship in Criminology .................3
- GWA 407 Constitutional Law, Race Relations and Emerging Civil Rights Doctrines .......4
- CRM/ GWA 408 The First Amendment and Supreme Court ..........4

**Total Semester Hours: 31-32**

**Criminal Investigation Minor**

The criminal investigation minor is designed to provide students with substantive courses of study related to the investigation of criminal activity. The program incorporates the study of criminological theory with scientific methods and behavioral concepts necessary for the successful apprehension and prosecution of criminal offenders. Students
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 members emphasize responsiveness to, and valuing of, human diversity and intercultural understanding. Education faculty members 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)
- Secondary Biology Education (6-12)
- Secondary English Education (6-12)
- Secondary Mathematics Education (6-12)
- Secondary Social Sciences Education (6-12)
- Music Education (K-12)
- Physical Education (K-12) (Exercise Science)

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, Plant Hall 439, and will appear in future editions of the UT Catalog.

At the time the catalog went to press, state legislation was pending that may affect certification requirements for education majors. For up-to-date information, contact the Department of Education in Plant Hall 439.

**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:
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 2007-08 FTCE passage rate for program graduates was 100 percent.

**Florida Educator Accomplished Practice Portfolio**

Education majors are required to assemble an Accomplished Practices portfolio. This document will house 36 assignments specified by the University of Tampa Education Department as evidences which demonstrate student acquisition of each of the Florida Educator’s Accomplished Practices at the pre-professional level. Each student is responsible for the maintenance of this portfolio beginning the first semester junior year through graduation. The portfolio will be evaluated by education faculty members at the end of each semester.

**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 the Department of Education office 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. Detailed information about entrance requirements can be found in the Department of Education Handbook (available in the Education Office).

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.
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. More information regarding internships can be found in the “Internship Handbook” which is distributed prior to the Practicum III internship.

**Teacher Education Course Sequence**

*Note: EDU majors are required to take EDU 203 in lieu of ITM 200. Music education majors do not take EDU 203, and therefore must complete ITM 200.

The course sequences for each teacher education program are posted in the “Majors and Minors” section of the UT Blackboard Web site. The “Quick Help Guide” may also be found on the UT Blackboard site. Please note that teacher education majors must complete more core courses than non-education majors in order to fulfill certification requirements.

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 in the “Quick Help Guide.” 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.

**Elementary Education Curriculum**

**Required Elementary Education Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 200</td>
<td>Foundations of American Education</td>
</tr>
<tr>
<td>EDU 201</td>
<td>Learning Theories and Individual Differences</td>
</tr>
<tr>
<td>EDU 203</td>
<td>Technology in Education</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>Elem. TESOL I: Teaching English to Speakers of Other Languages I</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition and Rhetoric I</td>
</tr>
<tr>
<td>GIS 101</td>
<td>Global Issues</td>
</tr>
<tr>
<td>GTW 100</td>
<td>Gateways</td>
</tr>
<tr>
<td>MAT 155</td>
<td>or MAT 160</td>
</tr>
<tr>
<td></td>
<td>Semester Hrs. 16</td>
</tr>
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**Second Semester Freshman**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>EDU 201</td>
<td>Learning Theories and Individual Differences</td>
</tr>
<tr>
<td>BIO 112, 124 or MAR 126</td>
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</tr>
<tr>
<td>ENG 102</td>
<td>Composition and Rhetoric II</td>
</tr>
<tr>
<td>GTW 102</td>
<td>Gateways</td>
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<tr>
<td>MAT 153</td>
<td>College Geometry</td>
</tr>
<tr>
<td></td>
<td>Semester Hours: 16</td>
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</table>

**Year 2**

**First Semester Sophomore**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 203</td>
<td>Technology in Education</td>
</tr>
<tr>
<td>Fine Arts Choice (Music, Art, Dance or Drama)</td>
<td></td>
</tr>
<tr>
<td>Social Science Choice</td>
<td></td>
</tr>
<tr>
<td>Humanities Choice</td>
<td></td>
</tr>
<tr>
<td>Physical or Chemical Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Semester Hours: 16</td>
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**Second Semester Sophomore**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 205</td>
<td>Creativity and the Learning Environment</td>
</tr>
<tr>
<td>Social Science Choice</td>
<td></td>
</tr>
<tr>
<td>Humanities Choice</td>
<td></td>
</tr>
<tr>
<td>Social Science Choice</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Semester Hours: 15</td>
</tr>
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</table>

**Year 3**

**First Semester Junior**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 301</td>
<td>Teaching Practicum I: TESOL</td>
</tr>
<tr>
<td>EDU 304</td>
<td>Elementary TESOL I</td>
</tr>
<tr>
<td>EDU 314</td>
<td>Emerging Literacy</td>
</tr>
<tr>
<td>EDU 326</td>
<td>Elementary Educational Assessment</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 426</td>
<td>Teaching Intermediate Elementary Mathematics</td>
</tr>
<tr>
<td></td>
<td>Semester Hours: 15</td>
</tr>
</tbody>
</table>

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**Elementary Education Course Sequence**

- ENG 101 Composition and Rhetoric I
- GIS 101 Global Issues
- GTW 100 Gateways
- MAT 155 or MAT 160

**Semester Hrs. 16**

**Second Semester Freshman**

- EDU 201 Learning Theories and Individual Differences
- BIO 112, 124 or MAR 126
- ENG 102 Composition and Rhetoric II
- GTW 102 Gateways
- MAT 153 College Geometry

**Semester Hours: 16**

**Year 2**

**First Semester Sophomore**

- EDU 203 Technology in Education
- Fine Arts Choice (Music, Art, Dance or Drama)
- Social Science Choice
- Humanities Choice
- Physical or Chemical Science

**Semester Hours: 13**

**Second Semester Sophomore**

- EDU 205 Creativity and the Learning Environment
- Social Science Choice
- Humanities Choice
- Social Science Choice

**Semester Hours: 16**

**Year 3**

**First Semester Junior**

- EDU 301 Teaching Practicum I: TESOL
- EDU 304 Elementary TESOL I
- EDU 314 Emerging Literacy
- EDU 326 Elementary Educational Assessment
- EDU 327 Teaching Art in the Elementary School
- EDU 328 Teaching Music in the Elementary School
- EDU 426 Teaching Intermediate Elementary Mathematics

**Semester Hours: 15**

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**Elementary Education Course Sequence**

- EDU 200 Foundations of American Education

**W=Writing Intensive**

**NW=Non-Western**

**Year 1**

**First Semester Freshman**

- EDU 200 Foundations of American Education

**Semester Hours: 18**

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**Boldface indicates ESOL-infused course.**

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160
Second Semester Junior

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 315</td>
<td>Teaching Literature and Language Arts in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 316</td>
<td>Developmental Reading</td>
<td>3</td>
</tr>
<tr>
<td>EDU 330</td>
<td>Teaching Math in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 331</td>
<td>Teaching Science in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 332</td>
<td>Teaching Social Studies in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 441</td>
<td>Elementary Classroom Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Semester Hours: 18

Year 4

First Semester Senior

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 329</td>
<td>Teaching PE and Health in Elementary School</td>
<td>2</td>
</tr>
<tr>
<td>EDU 404</td>
<td>TESOL II</td>
<td>3</td>
</tr>
<tr>
<td>EDU 417</td>
<td>Diagnosis and Remedy of Reading Problems in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 333</td>
<td>Teaching in the Inclusive Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 442</td>
<td>Learner Diversity and Cross-Cultural Understanding</td>
<td>3</td>
</tr>
<tr>
<td>EDU 443</td>
<td>Teaching Practicum II: Elementary</td>
<td>4</td>
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Semester Hours: 18

Second Semester Senior

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 444</td>
<td>Teaching Practicum III Seminar</td>
<td>2</td>
</tr>
<tr>
<td>EDU 445</td>
<td>Teaching Practicum III: Elementary Final Internship</td>
<td>10</td>
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</table>

Semester Hours: 12

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. 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*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 200</td>
<td>Foundations of American Education</td>
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</tr>
<tr>
<td>EDU 201</td>
<td>Learning Theories and Individual Differences</td>
<td></td>
</tr>
<tr>
<td>EDU 203</td>
<td>Technology in Education (not PE majors)</td>
<td></td>
</tr>
<tr>
<td>EDU 301</td>
<td>Teaching Practicum I: Teaching English to Speakers of Other Languages (English majors only)</td>
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</tr>
<tr>
<td>EDU 354</td>
<td>Sec. TESOL I: Teaching English to Speakers of Other Languages I</td>
<td></td>
</tr>
<tr>
<td>EDU 306</td>
<td>Teaching Reading in the Secondary Content Areas</td>
<td></td>
</tr>
<tr>
<td>EDU 356</td>
<td>Secondary Educational Assessment (not PE majors)</td>
<td></td>
</tr>
<tr>
<td>EDU 333</td>
<td>Teaching in the Inclusive Classroom (not PE majors)</td>
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</tr>
<tr>
<td>EDU 334</td>
<td>Elementary Classroom Management (W)</td>
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</tr>
<tr>
<td>EDU 401</td>
<td>Teaching Practicum II: Secondary (not music or PE majors)</td>
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</tr>
<tr>
<td>EDU 404</td>
<td>TESOL II: Teaching English to Speakers of Other Languages II (English majors only)</td>
<td></td>
</tr>
<tr>
<td>EDU 451</td>
<td>Secondary Classroom Management (W)</td>
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<tr>
<td>EDU 442</td>
<td>Learner Diversity and Cross-Cultural Understanding (NW) (W)</td>
<td></td>
</tr>
<tr>
<td>EDU 444</td>
<td>Teaching Practicum III Seminar: Final Internship</td>
<td></td>
</tr>
</tbody>
</table>

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)

Required Courses:
BIO 330 General Physiology ........4
Choose one of the following: ..........4
BIO 228 Biology of Plants
MAR 327 Marine Biology
Choose one of the following: ..........4
BIO 300 Genetics ....................4
BIO 320 Molecular Genetics ........4

Ecology course:
Choose one of the following
BIO 212 Ecology ....................4
BIO 242 Intro to Environmental Science Policy ........4
MAR 222 Marine Ecology ............4
BIO 346 Conservation Biology ..........4
MAR 301 Physical Oceanography ....4
BIO 400 Evolution ....................4

Organismal course: ......................4
Choose one of the following
BIO 220 Behavioral Biology
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
*(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.)

Molecular/cell course: .................4
Choose one of the following
BIO 307 Microbiology
BIO 310 Developmental Biology
BIO 350 Cell Biology
BIO 360 Immunology

Total Biology Hours: 40

Secondary Biology Education 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

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

*Boldface indicates ESOL-infused course.
W=Writing Intensive
NW=Non-Western
College of Social Sciences, Mathematics and Education

<table>
<thead>
<tr>
<th>GTW 100</th>
<th>Gateways</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 203</td>
<td>Biological Diversity</td>
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</table>

**Semester Hours: 16**

**Second Semester Freshman**

<table>
<thead>
<tr>
<th>EDU 201</th>
<th>Learning Theories and Individual Differences</th>
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<tbody>
<tr>
<td>ENG 102</td>
<td>Composition and Rhetoric</td>
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<tr>
<td>GTW 102</td>
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<td>MAT 170</td>
<td>Pre-Calculus</td>
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<tr>
<td>BIO 204</td>
<td>Biological Unity</td>
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**Semester Hours: 16**

**Year 2**

**First Semester Sophomore**

<table>
<thead>
<tr>
<th>EDU 203</th>
<th>Technology in Education</th>
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<tbody>
<tr>
<td>Fine Arts Choice (art, music, dance, drama)</td>
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</tr>
<tr>
<td>Social Science Choice</td>
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<tr>
<td>Humanities Choice</td>
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</tr>
<tr>
<td>CHE 152# General Chemistry I</td>
<td>3</td>
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<tr>
<td>CHE 153# General Chemistry I Lab</td>
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</tbody>
</table>

**Semester Hours: 17**

**Second Semester Sophomore**

| Social Science Choice                      | 4 |
| Humanities Choice                          | 4 |
| CHE 154* General Chemistry II              | 3 |
| CHE 155* General Chemistry II Lab          | 1 |

**Semester Hours: 16**

**Year 3**

**First Semester Junior**

<table>
<thead>
<tr>
<th>EDU 354</th>
<th>SecondaryTESOL I</th>
<th>3</th>
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<tbody>
<tr>
<td>EDU 306#</td>
<td>Teaching Reading in Secondary Content</td>
<td>3</td>
</tr>
<tr>
<td>EDU 356</td>
<td>Secondary Educational Assessment</td>
<td>3</td>
</tr>
<tr>
<td>BIO 300</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>or BIO 320</td>
<td>Molecular Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIO 330#</td>
<td>General Physiology</td>
<td>4</td>
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</table>

**Semester Hours: 17**

**Second Semester Junior**

<table>
<thead>
<tr>
<th>EDU 310*</th>
<th>Teaching Science in Secondary Schools</th>
<th>4</th>
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<tbody>
<tr>
<td>EDU 451</td>
<td>Secondary Classroom Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**BIO 228* Biology of Plants**

* MAR 327**+ Marine Botany .................. 4

Ecology choice (choose one: BIO 212#, 242#, 346*, 400*, MAR 222*, 301*) .................. 4

**Semester Hours: 15**

#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.

**Year 4**

**First Semester Senior**

<table>
<thead>
<tr>
<th>EDU 333</th>
<th>Teaching in the Inclusive Classroom</th>
<th>3</th>
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</thead>
<tbody>
<tr>
<td>EDU 401</td>
<td>Teacher Practicum II Sec</td>
<td>4</td>
</tr>
<tr>
<td>EDU 442</td>
<td>Learner Diversity and Cross-Cultural Understanding</td>
<td>3</td>
</tr>
<tr>
<td>Organismal choice (choose one: BIO 220#, 224, 225*, 250#, 317*, 340*, MAR 226#, 327#+)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Molecular/Cell choice (choose one:BIO 307#, 310*, 350*, 360*)</td>
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</tbody>
</table>

**Semester Hours: 18**

**Second Semester Senior**

<table>
<thead>
<tr>
<th>EDU 407</th>
<th>Teaching Practicum III: Secondary</th>
<th>10</th>
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</thead>
<tbody>
<tr>
<td>EDU 444</td>
<td>Teaching Practicum III Seminar</td>
<td>2</td>
</tr>
</tbody>
</table>

**Semester Hours: 12**

#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 molecular/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 altered to fit the student’s needs; however,
all education courses should remain in the suggested 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 undergraduate program, postponing the anticipated 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. Students also will earn the necessary ESOL endorsement required by the state of Florida to teach in public schools. English education 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 of the following:
ENG 204 Advanced Composition
WRI 274 Creative Non-fiction
WRI 200 Intro to Creative Writing...4
Choose one of the following:
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 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 153 Geometry .....................2

Second Semester Freshman
EDU 201 Learning Theories and Individual Differences....2
BIO 112 or 124, or MAR 126 ........3
ENG 102 Composition and Rhetoric II .....................4
GTW 102 Gateways .....................1
MAT 155, 160 or higher ..................4
Physical or Chemical Science ...........3

Semester Hours: 17

Year 2

First Semester Sophomore
EDU 203 Technology in Education...3
Social Science Choice .....................4
Humanities Choice ......................4
ENG 201 World Literature ...............4
ENG 206, 207, 208 or 209 .............4

Semester Hours: 18

Second Semester Sophomore
Social Science Choice .....................4
Humanities Choice ......................4
Social Science Choice .....................4
ENG literature course choice at 300 level..........................4

Semester Hours: 16

Year 3

First Semester Junior
Fine Arts Choice (art, music, dance, drama) ....................3
EDU 301 Teaching Practicum I: TESOL ..................2
EDU 354 Secondary TESOL I ...........3
EDU 306# Teaching Reading in Secondary Content ........3
EDU 356# Secondary Educational Assessment ..............3
ENG 206, 207, 208 or 209 ..........4

Semester Hours: 18

Second Semester Junior
EDU 300* Secondary Methods of Teaching English .......4
EDU 451* Secondary Classroom Management ...........3
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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MAT 260</td>
<td>Calculus I</td>
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<td>MAT 261</td>
<td>Calculus II</td>
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<td>MAT 262</td>
<td>Calculus III</td>
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<tr>
<td>MAT 299</td>
<td>Intro to Higher Math</td>
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<tr>
<td>MAT 310</td>
<td>Probability and Mathematical Statistics</td>
<td>4</td>
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<tr>
<td>MAT 490</td>
<td>Senior Seminar</td>
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<tr>
<td>MAT 308</td>
<td>Linear Algebra</td>
<td>4</td>
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<tr>
<td>MAT 420</td>
<td>Modern Abstract Algebra</td>
<td>4</td>
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<tr>
<td>MAT 300</td>
<td>Differential Equations</td>
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<tr>
<td>MAT 301</td>
<td>Discrete Math</td>
<td>4</td>
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<tr>
<td>MAT 401</td>
<td>Real Analysis</td>
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<td>MAT 410</td>
<td>Complex Analysis</td>
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<tr>
<td>MAT 499</td>
<td>Selected Topics</td>
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Total Mathematics Hours: 37

**Secondary Mathematics Education Course Sequence**

**Year 4**

**First Semester Senior**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EDU 333</td>
<td>Teaching in the Inclusive Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 401</td>
<td>Teaching Practicum II</td>
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<tr>
<td>EDU 404</td>
<td>TESOL II</td>
<td>3</td>
</tr>
<tr>
<td>EDU 442</td>
<td>Learner Diversity and Cross-Cultural Understanding</td>
<td>3</td>
</tr>
<tr>
<td>ENG literature course choice at 300 level</td>
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</table>

Semester Hours: 18

#Course offered in fall only.

*Course offered in spring only.

**Choose one of the following:**

- MAT 308 Linear Algebra
- MAT 420 Modern Abstract Algebra

**Choose three of the following:**

- MAT 300 Differential Equations
- MAT 301 Discrete Math
- MAT 401 Real Analysis
- MAT 410 Complex Analysis
- MAT 499 Selected Topics

Total Mathematics Hours: 37

**Second Semester Senior**

<table>
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<th>Course Code</th>
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<tr>
<td>EDU 407</td>
<td>Teaching Practicum III: Secondary</td>
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<tr>
<td>EDU 444</td>
<td>Teaching Practicum III Seminar</td>
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</tbody>
</table>

Semester Hours: 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 also will earn the necessary ESOL endorsement required by
Year 2

First Semester Sophomore
Fine Arts Choice (art, music, dance, drama)..............3-4
Social Science Choice ........................................4
Humanities Choice ............................................4
Physical or Chemical Science .................................5
MAT 262# Calculus III ........................................4
Semester Hours: 18

Second Semester Sophomore
Social Science Choice ........................................4
Humanities Choice ............................................4
Social Science Choice ........................................4
MAT 299* Introduction to Higher Math ...................4
Semester Hours: 16
#Course offered in fall only.
*Course offered in spring only.

Year 3

First Semester Junior
EDU 354 Secondary TESOL I .........................3
EDU 306# Teaching Reading in Secondary Content ....3
EDU 356# Secondary Educational Assessment ........3
MAT 310** Probability and Statistics ..................4
Choose one: MAT 300, 301, 401, 410, or 499 ........4
Semester Hours: 17
#Course offered in fall only.
*Course offered in spring only.
**Important note: Course offered only once every two years (be careful).

Second Semester Junior
EDU 311* Technology Math in Secondary Schools ....4
EDU 451* Secondary Classroom Management ..........4
MAT 308** Linear Algebra ..................4
or MAT 420 Modern Abstract Algebra
Choose one: MAT 300, 301, 401, 410, or 499 ........4
Semester Hours: 15
#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 333 Teaching in the Inclusive Classroom ..........3
EDU 401 Teaching Practicum II Secondary .........4
EDU 442 Learner Diversity and Cross-Cultural Understanding ..........3
Choose one: MAT 300, 301, 401, 410, or 499 ....4
MAT 490 Senior Seminar .................................1
Semester Hours: 15

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

Government
Choose one: 200, 202, 210, 220 or 402 ..........4

Economics
Choose one: 204 or 205 ..........3
World History
Choose one: HIS 102 or HIS 103........4
Choose one: 214, 222, 224, 230, 260,
300, 305, 309, 310, 413 or
414 ...........................................4

American History
Choose one: HIS 202 or HIS 203........4
Choose one: 205, 206, 215, 216, 225,
296 or 321 ..................................4
Choose one history course from the following
areas: ...........................................4
Asian.............................................4
African .........................................4
Latin American..............................4
Middle Eastern..............................4
Choose one of the following
geography courses: ........................4
GEO 102 World Geographical
Problems .....................................4
GEO 202 Physical Geography ............4
GEO 205 Principles of Resource
Utilization .................................4
GEO 207 Economic Geography ..........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
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
Liberal Arts .................................4

or
MAT 160 College Algebra ...............4

Semester Hours: 16

Second Semester Freshman
EDU 201 Learning Theories and
Individual Differences .................3
BIO 112, 124, or MAR 126 ..........3
ENG 102 Composition and
Rhetoric II ...............................4
GTW 102 Gateways .......................1
MAT 153 College Geometry ...........2
Fine Arts choice (art, music,
dance, drama) .............................3

Semester Hours: 16

Year 2
First Semester Sophomore
Humanities choice .......................4
Physical or Chemical Science ..........3
HIS World History Choice: 102,
103, 110, 214, 222, 224, 230, 260,
300, 305, 309, 310, 413 or 414 .........4
PSY 200 General Psychology ..........4

Semester Hours: 15

Second Semester Sophomore
EDU 203 Technology in Education ..3
Humanities Choice .......................4
HIS World History Choice: 102,
103, 110, 214, 222, 224, 230, 260,
300, 305, 309, 310, 413 or 414 .........4
American Government Choice: 200*,
202, 203, 210, 220 or 402 ..........4

Semester Hours: 14

*Course offered in the spring only.

Year 3
First Semester Junior
EDU 354 Secondary TESOL I ........3
EDU 306# Teaching Reading in
Secondary Content ....................3
EDU 356# Secondary Educational
Assessment .............................3
HIS U.S. History Choice: 202, 203,
205, 206, 215, 216, 225, 296
or 321 ........................................4
ECO 204 or 205 Economics ...........3

Semester Hours: 16

Second Semester Junior
EDU 308* Sec. Methods ................4
EDU 451* Secondary Classroom
Management ............................3
HIS U.S. History Choice: 202, 203,
205, 206, 215, 216, 225, 296 or 321...4
HIS Choice (Asian, African, Latin
American or Middle Eastern) .........4

Semester Hours: 15

#Course only offered in fall.

*Course only offered in spring.
## 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

### Second Semester Freshman
- **EDU 407** Teaching Practicum III .......................... 10
- **EDU 444** Teaching Practicum III Seminar ...................... 2
  #Course offered in fall only.
- **EDU 424** Secondary Methods .......................... 3-4
  *Course offered in spring only.

## Year 2
### First Semester Sophomore
- **EDU 354** Secondary TESOL I .......................... 3
- **EDU 306#** Teaching Reading in Secondary Content .... 3
- **EDU 328** Teaching Music in the Elementary School (Music only) .......................... 2

### Second Semester Sophomore
- **EDU 333** Teaching in the Inclusive Classroom .......................... 3
- **EDU 401** Teaching Practicum II Secondary .................. 4
- **EDU 442** Learner Diversity and Cross-Cultural Understanding .................. 4
- **GEO** Choose one (102#, 202#, 205#, 207*) ....................... 4
- **HIS** Choice (300-400 level) ........................................ 4

## Year 3
### First Semester Junior
- **EDU 354** Secondary TESOL I .......................... 3
- **EDU 306#** Teaching Reading in Secondary Content .... 3
- **EDU 328** Teaching Music in the Elementary School (Music only) .......................... 2

## Secondary and K-12 Music Education Course Sequence
### Year 4
### First Semester Senior
- **EDU 333** Teaching in the Inclusive Classroom .......................... 3
- **EDU 401** Teaching Practicum II Secondary .................. 4
- **EDU 442** Learner Diversity and Cross-Cultural Understanding .................. 4
- **GEO** Choose one (102#, 202#, 205#, 207*) ....................... 4
- **HIS** Choice (300-400 level) ........................................ 4

## Semester Hours: 17
### Second Semester Senior
- **EDU 354** Secondary TESOL I .......................... 3
- **EDU 401** Teaching Practicum II Secondary .................. 4
- **EDU 442** Learner Diversity and Cross-Cultural Understanding .................. 4
- **GTW 102** Gateways ........................................... 1
- **MAT 153** College Geometry ........................................ 2

## Semester Hours: 13
- **EDU 354** Secondary TESOL I .......................... 3
- **EDU 401** Teaching Practicum II Secondary .................. 4
- **EDU 442** Learner Diversity and Cross-Cultural Understanding .................. 4
- **GEO** Choose one (102#, 202#, 205#, 207*) ....................... 4
- **HIS** Choice (300-400 level) ........................................ 4

## Semester Hours: 18
- **EDU 333** Teaching in the Inclusive Classroom .......................... 3
- **EDU 401** Teaching Practicum II Secondary .................. 4
- **EDU 442** Learner Diversity and Cross-Cultural Understanding .................. 4
- **GEO** Choose one (102#, 202#, 205#, 207*) ....................... 4
- **HIS** Choice (300-400 level) ........................................ 4

## Semester Hours: 14
- **EDU 333** Teaching in the Inclusive Classroom .......................... 3
- **EDU 401** Teaching Practicum II Secondary .................. 4
- **EDU 442** Learner Diversity and Cross-Cultural Understanding .................. 4
- **GEO** Choose one (102#, 202#, 205#, 207*) ....................... 4
- **HIS** Choice (300-400 level) ........................................ 4

## Semester Hours: 12

---

### Year 4
### First Semester Senior
- **EDU 354** Secondary TESOL I .......................... 3
- **EDU 401** Teaching Practicum II Secondary .................. 4
- **EDU 442** Learner Diversity and Cross-Cultural Understanding .................. 4
- **GEO** Choose one (102#, 202#, 205#, 207*) ....................... 4
- **HIS** Choice (300-400 level) ........................................ 4

### Semester Hours: 17
### Second Semester Senior
- **EDU 354** Secondary TESOL I .......................... 3
- **EDU 401** Teaching Practicum II Secondary .................. 4
- **EDU 442** Learner Diversity and Cross-Cultural Understanding .................. 4
- **GTW 102** Gateways ........................................... 1
- **MAT 153** College Geometry ........................................ 2

### Semester Hours: 13
### Second Semester Senior
- **EDU 354** Secondary TESOL I .......................... 3
- **EDU 401** Teaching Practicum II Secondary .................. 4
- **EDU 442** Learner Diversity and Cross-Cultural Understanding .................. 4
- **GEO** Choose one (102#, 202#, 205#, 207*) ....................... 4
- **HIS** Choice (300-400 level) ........................................ 4

### Semester Hours: 18

---

**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 Course Sequence

---

**Social Science**

- 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.

---

**Secondary and K-12 Music Education Course Sequence**
Physical Education (K-12) Course Sequence

**Year 1**

**First Semester Freshman**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</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 Liberal Arts</td>
<td>4</td>
</tr>
<tr>
<td>or</td>
<td>MAT 160 College Algebra</td>
<td>4</td>
</tr>
<tr>
<td>ITM 200</td>
<td>Introduction to Computers</td>
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**Second Semester Freshman**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>EDU 201</td>
<td>Learning Theories and Individual Differences</td>
<td>3</td>
</tr>
<tr>
<td>BIO 112, 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>
</tbody>
</table>

**Year 2**

**First Semester Sophomore**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 333</td>
<td>Teaching in the Inclusive Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 306#</td>
<td>Teaching Reading in Secondary Content</td>
<td>3</td>
</tr>
<tr>
<td>EDU 407#</td>
<td>Teaching Practicum III</td>
<td>10</td>
</tr>
<tr>
<td>EDU 425#</td>
<td>Secondary Methods</td>
<td>4</td>
</tr>
<tr>
<td>EDU 451</td>
<td>Secondary Classroom Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**Second Semester Sophomore**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 444</td>
<td>Teaching Practicum III: Final Internship</td>
<td>2</td>
</tr>
<tr>
<td>One of the following Teaching Practica:</td>
<td></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>
</tr>
</tbody>
</table>

**Year 3**

**First Semester Junior**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 354</td>
<td>Secondary 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>
</tbody>
</table>

**Physical Education**

Students who seek teacher certification in physical education (K-12) should refer to the exercise science section of this catalog and the following course sequence.
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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester Hours</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>GWA 201</td>
<td>World Affairs</td>
<td>4</td>
</tr>
<tr>
<td>GWA 270</td>
<td>Research Methods</td>
<td>4</td>
</tr>
</tbody>
</table>

Semester Hours: 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GWA 204</td>
<td>Introduction to Law and the Legal System</td>
<td>4</td>
</tr>
<tr>
<td>GWA 207</td>
<td>The Urban World</td>
<td>4</td>
</tr>
<tr>
<td>GWA 210</td>
<td>Urban Politics and Policy (cross-listed with SOC 200)</td>
<td>4</td>
</tr>
<tr>
<td>GWA 220</td>
<td>Congress and the Presidency</td>
<td>4</td>
</tr>
</tbody>
</table>

Semester Hours: 40
GWA 302 Modern Legal and Political Thought .......... 4
GWA 303 The Politics and History of Tampa .......... 4
GWA 304 Public Policy Analysis .......... 4 (cross-listed with SOC 304)
GWA 426 Public Opinion, the Media and Power .......... 4 (cross-listed with COM 426)

Semester Hours: 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 .......... 4 (cross-listed with CRM 402)
GWA 407 Constitutional Law, Race Relations and Emerging Civil Rights Doctrines .......... 4
GWA 408 The First Amendment and the Supreme Court .......... 4 (cross-listed with CRM 408)
GWA 409 Comparative Legal Systems: Western Europe .......... 4
GWA 410 International Law .......... 4
GWA 450 Independent Study .......... 1-4

Semester Hours: 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 .......... 4 (cross-listed with SOC 200)
GWA 296 America and Vietnam .......... 4 (cross-listed with HIS 296)
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
GWA 365 Politics of East Asia .......... 4
COM 401 Intercultural Communication .......... 4
or
COM 334 Information and the New World Order .......... 4
ECO 450 Economic Development .......... 4

Semester Hours: 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 4 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
Semester Hours: 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 4 hours of credit from HIS 102 or HIS 103 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 excellent preparation for graduate and professional studies.

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

Requirements for the B.A. in sociology:
SOC 100 Introduction to Sociology........4
SOC 320 Sociology of Gender ............4
or
SOC 306 Racial and Ethnic Relations ........4
or
SOC 313 Social Stratification.............4
SOC 355 Social Statistics..................4
SOC 375 Research Methods..................4
SOC 410 Sociological Theory ............4
SOC Electives* ................................16
Semester Hours: 36

* At least 8 elective credit hours must be taken at the 300 level or above.

Requirements for the B.A. in sociology with the applied concentration:
SOC 100 Introduction to Sociology.......4
SOC 310 Applied Sociology................4
SOC 320 Sociology of Gender ............4
or
SOC 306 Racial and Ethnic Relations .........4
or
SOC 313 Social Stratification ............4
SOC 355 Social Statistics..................4
SOC 305 Internship...........................4
SOC 375 Research Methods..................4
SOC 410 Sociological Theory ............4
SOC Electives* ................................16
Semester Hours: 44

Note: Students may select from any other sociology courses offered as electives, or may choose an emphasis in family/gerontology indicated below. Satisfactory completion of three of the following courses will constitute an emphasis.

* At least 8 elective credit hours must be taken at the 300 level or above.

A. Family/Gerontology
SOC 202 Marriage and Family
or
SOC 407 The Family in Global Perspective
SOC 211 Sociology of Health
SOC 301 Dying, Death and Bereavement
SOC 302 Sociology of Aging
SOC 304 Public Policy Analysis (cross-listed with GWA 304)
SOC 404 Women and Aging

Requirements for a minor in sociology:
Students must complete SOC 100, SOC 250 and 12 additional credit hours in sociology courses. At least 8 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:**

**Core:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 103</td>
<td>World History 1500 to Present</td>
<td>4</td>
</tr>
<tr>
<td>GWA 201</td>
<td>World Affairs</td>
<td>4</td>
</tr>
<tr>
<td>COM 401</td>
<td>Intercultural Communication</td>
<td>4</td>
</tr>
<tr>
<td>REL 205</td>
<td>World Religions</td>
<td>4</td>
</tr>
<tr>
<td>ENG 312</td>
<td>Contemporary World Literature</td>
<td>4</td>
</tr>
<tr>
<td>IST 470</td>
<td>Senior Research Seminar in International Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Semester Hours: 23

**Electives***:

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 269</td>
<td>Art History II</td>
<td>4</td>
</tr>
<tr>
<td>ART 270-276</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>BIO 112</td>
<td>Environmental Science</td>
<td>3</td>
</tr>
<tr>
<td>COM 261</td>
<td>World Cinema</td>
<td>4</td>
</tr>
<tr>
<td>COM 334</td>
<td>Information and the New World Order</td>
<td>4</td>
</tr>
<tr>
<td>CST 201</td>
<td>Cross-Cultural Studies</td>
<td>3-4</td>
</tr>
<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>Introduction to Peace Study</td>
<td>4</td>
</tr>
<tr>
<td>GWA 296</td>
<td></td>
<td>4</td>
</tr>
<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>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: The Powder Keg of Europe</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 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>3</td>
</tr>
<tr>
<td>IST 290-299</td>
<td>Special Studies</td>
<td>2-4</td>
</tr>
</tbody>
</table>

Total Semester Hours: 20

*Electives are continuously being added, so consult your advisor.

**Foreign Language**:

Proof of competency in a foreign (second) language as evidenced by passing a proficiency 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 3 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 listed 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.

**International Studies Minor**

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

- **GWA 201 World Affairs** ............... 4
- **GWA 202 International Political Economy** ............... 4

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 and 313, SOC 226, ECO 430 and 450, SPA 311 and 421, 422, and ENG 229**

Semester Hours: 24

**Secondary Social Science Education**

Students who are pursuing secondary social science 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-Law**

Administered by Professor James Beckman.

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.

**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.

**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 201 World Affairs** .................... 4
- **GWA 202 International Political Economy** .................... 4
- 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 and 313, SOC 226, ECO 430 and 450, SPA 311 and 421, 422, and ENG 229**

Semester Hours: 24

**Women’s Studies Minor**

**Faculty:** Associate Professor Hayden, Director; Professors Musante, Rynder, Tillson, VanSpanckeren, N. Winston; Associate Professors E. Winston, Davis, Hidalgo-Calle.

Women’s studies is an interdisciplinary undergraduate minor integrating academic departments across the University. The program encourages students to engage fully in the major activities of a liberal arts education — reading, writing, thinking and discussing with others — to consider how women’s lives are differently experienced. A women’s studies minor celebrates diversity,
The women’s studies minor draws on numerous disciplines across the University, including communication, history, languages, literature, psychology and sociology, 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:**

Twenty semester hours of credit from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIS 101</td>
<td>Women’s Place: A Literary Examination of a Global Issue</td>
<td>4</td>
</tr>
<tr>
<td>SOC 404</td>
<td>Women and Aging</td>
<td>4</td>
</tr>
<tr>
<td>WST 125</td>
<td>Introduction to Women’s Studies</td>
<td>4</td>
</tr>
<tr>
<td>WST 212</td>
<td>Witchcraft and Magic in the Early Modern Atlantic World</td>
<td>4</td>
</tr>
<tr>
<td>WST 215</td>
<td>Women in American History</td>
<td>4</td>
</tr>
<tr>
<td>WST 216</td>
<td>Mothers and Daughters in Literature and Film</td>
<td>4</td>
</tr>
<tr>
<td>WST 220</td>
<td>Sociology of Gender Roles</td>
<td>4</td>
</tr>
<tr>
<td>WST 238</td>
<td>Women’s Literature</td>
<td>4</td>
</tr>
<tr>
<td>WST 322</td>
<td>Hispanic Women Writers</td>
<td>4</td>
</tr>
<tr>
<td>WST 370</td>
<td>Women in Film and Popular Culture</td>
<td>4</td>
</tr>
<tr>
<td>WST 383</td>
<td>Women’s Studies</td>
<td>4</td>
</tr>
<tr>
<td>WST 403</td>
<td>Women and Aging</td>
<td>4</td>
</tr>
<tr>
<td>WST 404</td>
<td>Human Sexual Behavior: Seminar</td>
<td>4</td>
</tr>
</tbody>
</table>

*(Eight of the 20 semester hours of credit must be at 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.

**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 demonstrate 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:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 301</td>
<td>Dying, Death and Bereavement</td>
</tr>
<tr>
<td>SOC 302</td>
<td>Sociology of Aging</td>
</tr>
<tr>
<td>SOC 403</td>
<td>Gerontology: The Biology of Senescence</td>
</tr>
<tr>
<td>SOC 404</td>
<td>Women and Aging (cross-listed with WST 403)</td>
</tr>
<tr>
<td>WST 450</td>
<td>Independent Study: Gerontology</td>
</tr>
</tbody>
</table>

**Certificate Program in European Studies**

The European studies certificate program offers students the opportunity to supplement and strengthen their academic majors with a multidisciplinary 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.

A student is required to complete the following 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:**

Choose three of the following courses:

10 to 12

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 269</td>
<td>Hist: Survey II</td>
</tr>
<tr>
<td>HIS 222</td>
<td>Fascism and Nazi Germany</td>
</tr>
<tr>
<td>HIS 224</td>
<td>Russia and the West</td>
</tr>
<tr>
<td>HIS 230</td>
<td>The Balkans: The Powder Keg of Europe</td>
</tr>
<tr>
<td>HIS 312</td>
<td>Modern Europe</td>
</tr>
</tbody>
</table>
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 multidisciplinary 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 404 Economic Development...3
   IBS 410 Contemporary Latin American Business Issues...3
   GWA 342 The Political Economy of Latin America................. 4
   SPA 422 Hispanic Culture and Civilization II...................... 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.
Department of Mathematics

Faculty: Associate Professor Toro, Chair; Associate Professors Garman, Kadic-Galeb, Sumner; Assistant Professors Fowler, Miladinovic; Instructors Perry, Smedberg, Urso, Zide.

The mission of the mathematics department is two-fold: 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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITM 251</td>
<td>Visual Basic</td>
<td>3</td>
</tr>
<tr>
<td>MAT 260</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAT 261</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT 262</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MAT 299</td>
<td>Introduction to Higher</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td>MAT 300</td>
<td>Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>MAT 301</td>
<td>Discrete Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>MAT 308</td>
<td>Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MAT 490</td>
<td>Senior Seminar</td>
<td>1</td>
</tr>
<tr>
<td>ITM electives (not lower than ITM 251)</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

Semester Hours: 44

Requirements for the minor in mathematics:

Twenty semester hours of credit in mathematics courses numbered 260 or higher.

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

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITM 251</td>
<td>Visual Basic</td>
<td>3</td>
</tr>
<tr>
<td>ITM 261</td>
<td>Web Programming</td>
<td>3</td>
</tr>
<tr>
<td>MAT 260</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAT 261</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT 262</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MAT 299</td>
<td>Introduction to Higher</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td>MAT 300</td>
<td>Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>MAT 301</td>
<td>Discrete Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>MAT 308</td>
<td>Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MAT 490</td>
<td>Senior Seminar</td>
<td>1</td>
</tr>
<tr>
<td>ITM electives (not lower than ITM 251)</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

Semester Hours: 41

Requirements for the minor in mathematical programming:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 262</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>ITM 251</td>
<td>Visual Basic</td>
<td>3</td>
</tr>
<tr>
<td>ITM 261</td>
<td>Web Programming</td>
<td>3</td>
</tr>
<tr>
<td>MAT 301</td>
<td>Discrete Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>MAT 308</td>
<td>Linear Algebra</td>
<td>4</td>
</tr>
</tbody>
</table>

Semester Hours: 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.

Mathematics 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. Note: At catalog press time, state legislation was pending that may affect certification requirements for education majors. For the up-to-date information, contact the Department of Education in Plant Hall 439.

Department of Psychology

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

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 B.A. 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 B.S. 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 B.S. and a B.A. in psychology.

All B.A. and B.S. 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 B.A. requires a minimum of 43 credits in psychology classes plus MAT 160 (4 credits), and the B.S requires a minimum of 43 credits in psychology classes, plus the natural science and mathematics courses (24 credits) listed below.

Foundation for the B.A. and B.S. degrees

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 200</td>
<td>General Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PSY 204</td>
<td>The Great Psychologists</td>
<td>2</td>
</tr>
<tr>
<td>PSY 211</td>
<td>Statistics and Methods I</td>
<td>4</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Fundamentals of Biopsychology and Learning</td>
<td>4</td>
</tr>
<tr>
<td>PSY 312</td>
<td>Statistics and Experimental Methods II</td>
<td>4</td>
</tr>
</tbody>
</table>
Requirements for a general or specialized emphasis for the B.A. and B.S. degrees:

A. Complete the requirements for either the B.A. or B.S. 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 B.A. or the B.S. listed under each emphasis, select an additional two courses from among the different emphases.

2. Specialized Emphasis Requirements: After completing the requirements for the B.A. or the B.S. 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 B.A., select one
2. For a B.S., 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 B.A., select one
2. For a B.S., select PSY 203

- PSY 203 Social Psychology
- PSY 230 Theories of Personality
- PSY 250 Health Psychology
- PSY 319 The Science of Interpersonal Interactions
- 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 B.A., select either one or none (if none, must select one from the organizational emphasis)
2. For a B.S., select PSY 303

- PSY 201 Psychological Assessment
- PSY 210 Development I: Child Development
- PSY 303 Abnormal Psychology
- PSY 317 Development II: Adulthood and Aging
- PSY 430-449 Selected Topics Course: A seminar course involving a special topic in clinical psychology

D. Organizational

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

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

E. Biopsychology

1. For a B.A., select one
2. For a B.S., 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 B.S. Degree in Psychology

(The following courses are in addition to the psychology courses required for the B.S., 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 the biology lower-core curriculum: BIO 203-204 and CHE 152-153 and CHE 154-155 and MAT 170 or MAT 260

B. Successful completion of one additional course from biology or genetics (including laboratory portion): 212, 225,
250, 300, 310, 320, 330 and 350; may take BIO 220 if PSY 311 has not been taken.

**Psychology Minor**

A student must complete PSY 200, 204, 211, 220 and 8 credits from psychology courses numbered 300 or higher from any of the five emphases. Internships, Independent Study, and Senior Thesis do not count toward the minor.

**Individual study courses:**

Students who meet eligibility requirements, including instructor permission, may take the following courses: Internships, Independent Study (specify the number of credits) and Senior Thesis (require permission of the instructor and the psychology chair).

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 405</td>
<td>Clinical Internship</td>
<td>4 credits</td>
</tr>
<tr>
<td>PSY 406</td>
<td>Industrial/Organizational</td>
<td>1-4 credits</td>
</tr>
<tr>
<td></td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>PSY 407</td>
<td>Experimental Internship</td>
<td>1-4 credits</td>
</tr>
<tr>
<td>PSY 450</td>
<td>Independent Study</td>
<td>1-4 credits</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 451</td>
<td>Senior Thesis</td>
<td>4 credits</td>
</tr>
</tbody>
</table>